# TABLE OF CONTENTS

Home ........................................................................................................... 4
Dalton State College .................................................................................. 5
Administrative Staff .................................................................................. 6
Academic Calendar .................................................................................... 7
History of College ..................................................................................... 8
Statement of Purpose .................................................................................. 10
Official Notices .......................................................................................... 11
Admission ................................................................................................. 14
  Admission Committee Appeal Procedure ........................................... 15
  Grievance Procedure ........................................................................... 15
  Program Offerings and Admission Requirements ................................ 16
Required High School Curriculum (RHSC) .............................................. 18
Student Admission Classification .......................................................... 18
Expenses .................................................................................................... 25
  Non-Attendance and Unofficial Withdrawal ........................................ 27
Policy for Classification of Students for Tuition ..................................... 29
Special Fees ............................................................................................. 31
Withdrawal and Refund Schedule ........................................................... 32
Financial Aid ............................................................................................. 34
Academic Information and Regulations .................................................. 39
Programs of Study ................................................................................. 45
Bachelor's Degree Programs .................................................................... 55
Minor .......................................................................................................... 56
  African-American Studies ................................................................... 56
  Biology .................................................................................................... 56
  Business Analytics ............................................................................... 59
  Business for Non-Business Majors ...................................................... 65
  Chemistry ............................................................................................... 65
Communication Studies ............................................................................ 67
  Criminal Justice ..................................................................................... 69
  English ................................................................................................... 72
Entrepreneurship ....................................................................................... 76
Finance ...................................................................................................... 83
Financial Technology ............................................................................... 84
Forensic Accounting .................................................................................. 85
Geography ................................................................................................ 85
Global Studies .......................................................................................... 86
Health and Wellness ................................................................................... 86
History ....................................................................................................... 88
Human Resource Management ............................................................... 92
Latina/o and Latin American Studies ....................................................... 93
International Business .............................................................................. 93
Management for Non-Business Majors ................................................. 93
Marketing for Non-Business Majors ....................................................... 95
Mathematics ............................................................................................. 96
Psychology ............................................................................................... 99
Rhetoric and Writing ............................................................................... 102
Sustainability ............................................................................................ 106
Associate Degree Programs ..................................................................... 108
  Associate Degree Nursing Program ..................................................... 108
  Computer Networking and Service Technology .................................. 111
  Computer Science Pathway ................................................................ 111
  Criminal Justice .................................................................................... 113
  Education Pathway ............................................................................... 116
  Film Pathway ....................................................................................... 117
  General Studies, AA ............................................................................ 120
  General Studies, AS ............................................................................. 121
  Medical Laboratory Technology .......................................................... 122
  Physics/Pre-Engineering Pathway ........................................................ 127
  Radiologic Technology Program (AAS) ................................................. 131
  Respiratory Therapy ............................................................................ 136
  Theatre Pathway ................................................................................... 139
Career Certificate Programs ..................................................................... 142
  Computer Networking and Service Technology .................................. 142
  Licensed Practical Nursing ................................................................. 143
  Phlebotomy ........................................................................................... 146
School of Arts and Sciences .................................................................... 148
  Biology .................................................................................................. 148
  Biology, Secondary Certification Option ............................................. 153
  Chemistry .............................................................................................. 158
  Chemistry, Secondary Certification Option ......................................... 161
  Communication ..................................................................................... 164
  Criminal Justice .................................................................................... 168
  Criminal Justice eMajor, B.S. ............................................................... 172
  Engineering Technology ...................................................................... 176
  English ................................................................................................. 178
  English, Secondary Certification Option ............................................. 185
  Environmental and Sustainability Studies .......................................... 188
  History .................................................................................................. 189
  History, Secondary Certification Option ............................................. 195
  Interdisciplinary Studies ...................................................................... 198
Mathematics ............................................................................................. 199
| Mathematics, Secondary Certification Option | 204 |
| Mathematics, with an Actuarial Science Concentration | 208 |
| Psychology | 209 |
| Technology Management | 213 |
| Wright School of Business | 215 |
| Accounting | 216 |
| Finance and Applied Economics | 218 |
| Logistics and Supply Chain Management | 221 |
| Management | 224 |
| Management Information Systems | 226 |
| Marketing | 229 |
| School of Education | 232 |
| Education | 234 |
| Post-Bacc: Initial Certification in Elementary Education with Optional ESOL Endorsement | 236 |
| Secondary Education | 236 |
| School of Health Professions | 238 |
| Health and Wellness | 238 |
| Organizational Leadership, B.S. | 240 |
| RN-BSN | 242 |
| Respiratory Therapy, B.S. | 245 |
| Social Work | 248 |
| Course Descriptions | 253 |
| ACCT Courses | 253 |
| ACED, eMajor Courses | 254 |
| ALHT Courses | 255 |
| ANTH Courses | 255 |
| ARTS Courses | 255 |
| ASTR Courses | 256 |
| BIOL Courses | 256 |
| BUSA Courses | 259 |
| CAPS Courses | 260 |
| CHEM Courses | 261 |
| CMPS Courses | 263 |
| COMM Courses | 263 |
| CRJU Courses | 265 |
| ECON Courses | 267 |
| EDUC Courses | 268 |
| ELCT Courses | 271 |
| ENGL Courses | 273 |
| ENGR Courses | 276 |
| ENVS eCore courses | 278 |
| ESOL Courses | 278 |
| ETEC, eCore Courses | 278 |
| FINC Courses | 279 |
| FREN Courses | 279 |
| FTA Courses | 280 |
| GEOG Courses | 281 |
| GEOL Courses | 281 |
| GFA Courses | 282 |
| GRMN Courses | 283 |
| HADM, eMajor Courses | 283 |
| HIST Courses | 284 |
| HLTH Courses | 288 |
| HUMN Courses | 289 |
| INTS Courses | 290 |
| ISCI Courses | 290 |
| ITEC Courses | 290 |
| LEAD Courses | 291 |
| LEAS, eMajor Courses | 292 |
| LPNS Courses | 292 |
| LSCM Courses | 294 |
| MARK Courses | 296 |
| MATH Courses | 296 |
| MGIS Courses | 299 |
| MLTS Courses | 301 |
| MNGT Courses | 302 |
| MUSC Courses | 303 |
| NURS Courses | 304 |
| OATC Courses | 305 |
| OPMT Courses | 306 |
| ORGL eMajor Courses | 307 |
| PHED Courses | 308 |
| PHIL Courses | 309 |
| PHYS Courses | 309 |
| PLA Courses | 309 |
| POLS Courses | 310 |
| PRSP Courses | 311 |
| PSYC Courses | 311 |
| RADT Courses | 314 |
| READ Courses | 316 |
| RESP Courses | 317 |
| SOCI Courses | 319 |
| SOWK Courses | 319 |
SPAN Courses ................................................................. 321
SPED Courses ............................................................. 322
SUST Courses .............................................................. 322
THEA Courses ............................................................... 323
Program Accreditation .................................................... 325
Campus Life .................................................................. 326
DEAN OF STUDENTS' OFFICE ........................................ 326
HEALTH AND WELLNESS .............................................. 327
RESIDENTIAL LIFE .......................................................... 328
CAMPUS SERVICES .......................................................... 329
OTHER STUDENT RESOURCES ........................................ 329
Department of Public Safety ............................................. 331
Institutions of the University System of Georgia .............. 334
Members of the Board of Regents ..................................... 335
Dalton State Foundation .................................................. 336
Past Presidents ............................................................... 337
Dalton State Faculty and Professional Staff ...................... 338
Previous Catalogs .......................................................... 357
Index ............................................................................. 358
HOME
Dalton State College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097: Telephone number 404/679-4501) to award the Associate and Bachelor’s degrees. The purpose of publishing the commission's contact information is to enable interested parties 1) to learn about the accreditation status, 2) to file a third-party comment at the time of the institution’s review or 3) to file a complaint against the institution for alleged non-compliance with a standard or requirement. Normal inquiries about Dalton State, such as admission requirements, financial aid, etc., should be addressed directly to the institution and not to the commission.

Visitors Welcome
College offices are open Monday through Thursday from 8:00 a.m. to 5:00 p.m and Friday from 8:00 a.m. to 12 noon. When the College is in session, the Office of Enrollment Services, the Business Office and the Financial Aid Office are open Monday through Thursday until 6:00 p.m. unless otherwise posted.

Directory

<table>
<thead>
<tr>
<th>Campus Office/School</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFFICE OF ACADEMIC AFFAIRS</td>
<td>706/272-4420</td>
</tr>
<tr>
<td>Gilmer County Campus</td>
<td>706/635-1260</td>
</tr>
<tr>
<td>School of Arts and Sciences</td>
<td>706/272-4440</td>
</tr>
<tr>
<td>School of Education</td>
<td>706/272-2362</td>
</tr>
<tr>
<td>School of Health Professions</td>
<td>706/272-2457</td>
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<tr>
<td>Wright School of Business</td>
<td>706/272-4507</td>
</tr>
<tr>
<td>Learning Support</td>
<td>706/272-4419</td>
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<tr>
<td>Roberts Library</td>
<td>706/272-4583</td>
</tr>
<tr>
<td>OFFICE OF ENROLLMENT AND STUDENT SERVICES</td>
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<tr>
<td>Financial Aid and Veteran Services</td>
<td>706/272-4545</td>
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<tr>
<td>Fitness Center</td>
<td>706/272-4443</td>
</tr>
<tr>
<td>Hispanic/Latino Outreach</td>
<td>706/272-4573</td>
</tr>
<tr>
<td>Dean of Students’ Office</td>
<td>706/272-4428</td>
</tr>
<tr>
<td>Residence Life</td>
<td>706/529-6752</td>
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<tr>
<td>Student Health Center</td>
<td>706/272-2532</td>
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<table>
<thead>
<tr>
<th>OFFICE OF VICE PRESIDENT FOR FISCAL AFFAIRS</th>
<th>706/272-2190</th>
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</thead>
<tbody>
<tr>
<td>Accounting and Budget, Office of</td>
<td>706/272-2173</td>
</tr>
<tr>
<td>Auxiliary Services</td>
<td>706/272-2172</td>
</tr>
<tr>
<td>Bookstore</td>
<td>706/272-4548</td>
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<tr>
<td>Bursar, Office of the</td>
<td>706/272-4435</td>
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<tr>
<td>Computing Information Services (OCIS)</td>
<td>706/272-2611</td>
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<tr>
<td>Food Service</td>
<td>706/272-4441</td>
</tr>
<tr>
<td>Plant Operations</td>
<td>706/272-4446</td>
</tr>
<tr>
<td>Public Safety</td>
<td>706/272-4461</td>
</tr>
<tr>
<td>Roadrunner Card &amp; Business Center</td>
<td>706/272-2534</td>
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</table>
## ADMINISTRATIVE STAFF

### OFFICE OF THE PRESIDENT

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Margaret H. Venable</td>
<td>President</td>
</tr>
<tr>
<td>Jon Jaudon</td>
<td>Interim Chief of Staff/Director of Athletics</td>
</tr>
</tbody>
</table>

### OFFICE OF ACADEMIC AFFAIRS

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<thead>
<tr>
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<tbody>
<tr>
<td>Bruno Hicks</td>
<td>Provost and Vice President for Academic Affairs</td>
</tr>
<tr>
<td>Mary Nielsen</td>
<td>Associate Provost</td>
</tr>
<tr>
<td>Forrest Blackbourn</td>
<td>Coordinator, Honors Program</td>
</tr>
<tr>
<td>Theresa Butori</td>
<td>CETL Director</td>
</tr>
<tr>
<td>Elizabeth Hutchins</td>
<td>Executive Director of Academic Advising &amp; Student Progress</td>
</tr>
<tr>
<td>Adam Ware</td>
<td>Director of Bandy Heritage Center</td>
</tr>
<tr>
<td>Melissa Whitesell</td>
<td>Executive Director of Library Services &amp; Sponsored Programs</td>
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</tbody>
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### OFFICE OF ENROLLMENT AND STUDENT SERVICES

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Jodi S. Johnson</td>
<td>Vice President for Student Affairs and Enrollment Management</td>
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<td>Dean of Students</td>
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### OFFICE OF FISCAL AFFAIRS

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<tr>
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### LIBRARY

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<tbody>
<tr>
<td>Melissa Whitesell</td>
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</table>

### WRIGHT SCHOOL OF BUSINESS

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Marilyn Helms</td>
<td>Dean</td>
</tr>
<tr>
<td>Mike D’Itri</td>
<td>Associate Dean</td>
</tr>
<tr>
<td>Jamie Connors</td>
<td>Assistant Dean</td>
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</tbody>
</table>

### SCHOOL OF EDUCATION

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Sharon Hixon</td>
<td>Dean</td>
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</table>

### SCHOOL OF HEALTH PROFESSIONS

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Gina Kertulis-Tartar</td>
<td>Dean</td>
</tr>
<tr>
<td>Sylvia Driver</td>
<td>Chair, Department of Nursing</td>
</tr>
<tr>
<td>Susan D. West</td>
<td>Chair, Department of Allied Health</td>
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### SCHOOL OF ARTS AND SCIENCES

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Randall L. Griffus</td>
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</tr>
<tr>
<td>Tammy Byron</td>
<td>Assistant Dean</td>
</tr>
<tr>
<td>Lee Ann Nimmons</td>
<td>Assistant Dean</td>
</tr>
<tr>
<td>Kerri Allen</td>
<td>Chair, Department of English</td>
</tr>
<tr>
<td>Richard Collison</td>
<td>Chair, Department of Physical Sciences</td>
</tr>
<tr>
<td>Richard Hambrock</td>
<td>Chair, Department of Technology and Mathematics</td>
</tr>
<tr>
<td>Marina Smitherman</td>
<td>Chair, Department of Life Sciences</td>
</tr>
<tr>
<td>Barbara Tucker</td>
<td>Chair, Department of Communication, Theatre, &amp; Foreign Languages</td>
</tr>
<tr>
<td>James Wright</td>
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</tr>
<tr>
<td>David Lesicko</td>
<td>Director of Campus Services</td>
</tr>
</tbody>
</table>
ACADEMIC CALENDAR

Students seeking admission must submit all official documents by the published deadlines to the Office of Enrollment Services. This policy applies to all classifications. Former Dalton State students not enrolled for 3 (three) consecutive semesters must submit an Application for Readmission for the desired term of enrollment. The readmit form is an electronic submission form found on the current/former student forms page (http://catalog.daltonstate.edu/academiccalendar/%20https://www.daltonstate.edu/academics/current-student-forms.cms) on the Dalton State College web site. Transients must follow guidelines as stated in the catalog. (p. 21)

Orientation and Registration for New Students
All new students are required to participate in New Student Orientation. The mission of New Student Orientation is to welcome all entering students and their families to Dalton State College and to introduce them to DSC services, campus resources, and members of the staff, faculty, and current student body in order to prepare them for successful academic, personal and social transitions. Once new students complete admission requirements and are accepted, they will be able to register to attend New Student Orientation. For admission requirements, please see /admission/ (p. 14).

Class Session Legend

<table>
<thead>
<tr>
<th>Session</th>
<th>Semester</th>
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<tbody>
<tr>
<td>'A' Session</td>
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</tr>
<tr>
<td>'B' Session</td>
<td>First Half of Semester</td>
</tr>
<tr>
<td>'C' Session</td>
<td>Second Half of Semester</td>
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FALL SEMESTER 2020
SUBJECT TO CHANGE WITHOUT NOTICE

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
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<tbody>
<tr>
<td>August 6</td>
<td>Thursday</td>
<td>Registration</td>
</tr>
<tr>
<td>August 10</td>
<td>Monday</td>
<td>First Day of A and B Session Classes</td>
</tr>
<tr>
<td>September 30</td>
<td>Wednesday</td>
<td>Last Day of Class for B Session</td>
</tr>
<tr>
<td>October 1</td>
<td>Thursday</td>
<td>Final Exams for B Session</td>
</tr>
<tr>
<td>October 7</td>
<td>Wednesday</td>
<td>First Day C Session Classes</td>
</tr>
<tr>
<td>November 19</td>
<td>Thursday</td>
<td>Last Day of A &amp; C Session Classes</td>
</tr>
<tr>
<td>November 20-25</td>
<td>Fri, Sat, Mon &amp; Tuesday</td>
<td>Final Exams</td>
</tr>
<tr>
<td>November 26 &amp; 27</td>
<td>Thursday &amp; Friday</td>
<td>Thanksgiving Holidays - College Closed</td>
</tr>
<tr>
<td>December 2</td>
<td>Wednesday</td>
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<tr>
<td>December 15</td>
<td>Tuesday</td>
<td>Graduation</td>
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<tr>
<td>December 23-31</td>
<td>Wednesday-Thursday</td>
<td>Winter Break - College Closed</td>
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SPRING SEMESTER 2021
SUBJECT TO CHANGE WITHOUT NOTICE

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<tbody>
<tr>
<td>January 1</td>
<td>Friday</td>
<td>New Year's Day Holiday - College Closed</td>
</tr>
<tr>
<td>January 5</td>
<td>Tuesday</td>
<td>Registration</td>
</tr>
<tr>
<td>January 6</td>
<td>Wednesday</td>
<td>First Day of Class for A and B Sessions</td>
</tr>
<tr>
<td>January 18</td>
<td>Monday</td>
<td>Martin Luther King Holiday - College Closed</td>
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</table>

SUMMER SEMESTER 2021
SUBJECT TO CHANGE WITHOUT NOTICE

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 24</td>
<td>Monday</td>
<td>First Day of A and B Session Classes</td>
</tr>
<tr>
<td>May 31</td>
<td>Monday</td>
<td>Memorial Day Holiday - College Closed</td>
</tr>
<tr>
<td>June 21</td>
<td>Monday</td>
<td>Last Day of B Session Classes</td>
</tr>
<tr>
<td>June 22</td>
<td>Tuesday</td>
<td>B Session Final Exams</td>
</tr>
<tr>
<td>June 23</td>
<td>Wednesday</td>
<td>First Day of C Session</td>
</tr>
<tr>
<td>July 21</td>
<td>Wednesday</td>
<td>Last class A and C sessions</td>
</tr>
<tr>
<td>July 22</td>
<td>Thursday</td>
<td>Final Exams for A and C Session Classes</td>
</tr>
</tbody>
</table>
HISTORY OF COLLEGE

A Brief History of Dalton State

The Board of Regents of the University System of Georgia chartered Dalton Junior College in July 1963. At the time, the local community was required to provide a site for the campus and funding for the first campus buildings. The local chamber of commerce, headed by Tret Lomax, spearheaded a public relations campaign to raise awareness of a college's value to Dalton, including support for a gift of land for the campus and voters' support for a bond referendum that would finance the capital construction. Dalton businessmen Glenn Bevil, Tom Lambert, Tom Swift, and John Tibbs donated four adjoining parcels of land totaling 136 acres just west of the city. In May 1965, Whitfield County voters approved a $1.8 million bond issue by a margin of 26-to-1, which was the largest such margin of victory for a college bond issue in Georgia history. Local funds were supplemented by federal construction grants under the Higher Education Facilities Act of 1963 and the Appalachian Regional Development Act of 1965. The local community's support for Dalton State took root in the College's very beginning.

The Board of Regents appointed Dr. Arthur M. Gignilliat, from Valdosta State College, as the new College's first president in 1966. President Gignilliat and small cadre of the College's first administrative set up temporary offices in a two-story brick home on the corner of Thornton Avenue and Cuyler Street in downtown Dalton, just a few miles from where the campus would be built. Construction of the campus began that October, and the 24th institution of the University System of Georgia opened in September 1967 to 524 students. Four of the first five buildings were completed on opening day: an administration/library building (now Westcott Hall), a classroom building (now Sequoya Hall), a student center (the single-story portion of Pope Student Center), and a physical plant/maintenance building; a gymnasium (now Bandy Gymnasium) was still under construction in September, and it opened in 1968.

The College grew quickly as reputation of its quality faculty and dynamic student life programs began to spread. The men's basketball team was a consistent contender for and frequent winner of regional and state titles, and the DJC Roadrunners played in two national championship tournaments in the early 1970s. President Gignilliat retired in 1970. His successor, Dr. Derrell C. Roberts, a Civil War scholar, led the College for nearly a quarter-century until he retired in 1994. The Roberts era began with completion of a new classroom building (later named Gignilliat Memorial Hall in recognition of the College's first president and his wife, Elizabeth), and a new library building opened in 1972. The next year, the college was designated one of four University System junior college campuses to host vocational/technical programs. Soon thereafter, the vocational/technical programs had grown to such a scale that a new building was required to house them, and a technical building was completed on the north end of campus in 1979. Elsewhere on campus, between 1973 and 1975, Pope Student Center was expanded to accommodate the growing student population, and Westcott Hall and the physical plant building were enlarged. An addition to the south end of Sequoya Hall in 1989 brought much-needed new laboratories, faculty offices, and lecture rooms to the College's original classroom building.

As part of a general statewide and national trend in higher education, the Board of Regents removed the word “Junior” from the College's name in 1987, and Dalton College solidified its academic reputation as a quality destination for students seeking to earn associate degrees and technical certificates. At the beginning of the 1990s, the local community's expectations for the College began to include growing enrollment beyond the 1,500-1,800 range and an expansion of the institutional mission to include targeted baccalaureate degrees that would meet the needs of the region's multi-billion-dollar business and industry sector. Not since the formation of the campus in the 1960s had community support been so focused on moving the College to the next level.

President Roberts's retirement in 1994 resulted in a yearlong search that brought Dr. James A. Burran to Dalton from Abraham Baldwin Agricultural College in Tifton in May 1995. President Burran's first years saw a rapid acceleration of the developmental momentum that had been building since the early part of the decade. Soon after his arrival, enrollment exceeded 3,000 students for the first time, and Dalton College assumed responsibility for the Dalton School of Health Occupations that had been previously operated by the local hospital, bringing several health-related academic programs into the College's curriculum.

In September 1998, the Board of Regents authorized the first bachelor degrees for Dalton College, with the first four-year students to be admitted in fall semester 1999. Four regionally targeted baccalaureate degrees in business administration were the foundation for the College's rapidly expanding four-year-degree offerings in the coming decade. Programs in social work, early childhood teacher education, biology, mathematics, English, history, chemistry, accounting, and criminal justice followed in subsequent years. In tandem with the addition of bachelor degrees to the College's curriculum, the Board of Regents, meeting on campus in November 1998, changed the institution's name to Dalton State College, which was a final and more accurate reflection of the broader new institutional mission.

Physical growth of the campus in the Burran era was a constant reminder of the power of local community support for Dalton State and the consistent growth in student enrollment. The technical building was renovated to adapt it to changing technical programs; a 50,000-square-foot general classroom building (later named the Lorberbaum Liberal Arts Building) was completed in fall 1999; and an addition to what had become Roberts Library doubled the size of that facility. The Dalton State College Foundation had begun its first-ever, large-scale fundraising campaign that realized nearly $2 million in private philanthropic support for the College in the late 1990s, and the Foundation began acquiring land around the campus for future growth. Most significantly, the Foundation acquired the 11-acre, 120-unit Wood Valley Apartments adjacent to the north end of campus in September 2005. Another parcel, a five-acre site just north of campus, became home to the 28,000-square-foot James E. Brown Center, partially funded with $1 million in private gifts, which was completed in 2006 to house the College's continuing education programs and other campus offices. President Burran's tenure at Dalton State concluded with the culmination of the Dalton State Foundation's "Fulfilling the Vision" campaign that raised $21 million toward an initial $16.4 million goal for endowment and capital projects on the campus.

A redevelopment of the campus's physical center, largely unchanged since the 1960s, was a capital campaign priority. A campus quadrangle, situated between Pope Student Center and Sequoya Hall, was anchored on its east end by a vast outdoor stage and a soaring 75-foot bell tower that symbolized the past, present, and future aspirations of the regional community for Dalton State. The bell tower was named in honor of President Emeritus Burran in 2010. The College's first endowed academic research unit, the Bandy Heritage Center for Northwest Georgia History & Culture, launched in 2009, was another notable outcome of the campaign. Funding for additional student scholarships, faculty support, academic program enhancements, and strategic property acquisition rounded out
the campaign’s goals and began to have their impacts on the campus community.

President Burran’s successor came to Dalton State from Emporia State University in Kansas. Dr. John O. Schwenn was appointed the College’s fourth president in March 2008. Shortly after his arrival on campus, the College began offering classes in its first-ever permanent off-site location in Ellijay at the Gilmer County Center, formerly the Gilmer County Public Library building. In summer 2009, a long awaited parking deck opened on the main campus. That fall, the College admitted its first student residents who lived in the Wood Valley Apartments, marking a transformation of the campus as a residential destination as well as an academic one.

The addition of new academic programs in response to student demand and rising enrollments brought a new feel to the campus as more four-year students arrived. Baccalaureate programs in interdisciplinary studies, respiratory therapy, nursing, and psychology were added to the curriculum, and the College began to transition toward a majority of students in its bachelor degree programs. Low-enrolled associate and certificate programs were phased out in response to budgetary constraints in the late 2000s, and the College’s academic realignment into five schools – Business, Education, Health Professions, Liberal Arts, and Science, Technology & Mathematics – fulfilled a long-held expectation of a traditional four-year academic culture. Emphases on undergraduate research, international education, and a vibrant student life program strengthened the four-year college experience for students.

In November 2012, the College broke ground for its first new academic building in nearly 15 years, a $21-million, 60,000-square-foot facility for its rapidly growing biology and chemistry programs. Peeples Hall opened to great fanfare in May 2014, and quickly brought recognition to Dalton State as a state-of-the-art center for research, both by faculty and students. Also in 2012, the College re-introduced intercollegiate athletics after a 35-year hiatus. The men’s basketball team won the NAIA Division I 2014-2015 national championship.

The Schwenn administration concluded in December 2014 with his retirement from the College, and Dr. Margaret Venable, provost at Gordon State College, began as Interim President in January 2015 and was appointed President in September of 2015. In the summer of 2015, the College broke ground on a new 350-bed student housing facility that opened in the fall of 2016. The newly renovated Pope Student Center reopened just in time for the fall semester in August of 2016. When Dalton State celebrated its 50th anniversary during the 2017-18 academic year, the constant themes of growth and widespread community support were just as strong as they were a half-century before. In the spring of 2018 the college broke ground on the renovation of and addition to Gignilliat Memorial Hall. The building was completed in the spring of 2019 and houses the Wright School of Business.

In the fall of 2020, the College reorganized from five to four schools by consolidating the School of Liberal Arts and the School of Science, Technology, and Mathematics into the School of Arts and Sciences. A new Center for Engaging and Supportive Academic Experiences was created within the school.
STATEMENT OF PURPOSE

Mission Statement
Dalton State College provides a diverse student population with opportunities to acquire the knowledge and skills necessary to attain affordable baccalaureate degrees, associate degrees, and certificates and to reach their personal and professional goals. Through challenging academics and rich collegiate experiences, we promote lifelong learning, active leadership, and positive contributions in Northwest Georgia and beyond.

Vision Statement
Dalton State will deliver a transformational education by engaging the unique perspectives of a diverse student population to create sustainable solutions that improve our community and world.

Values Statement
Our core values are the essential enduring tenets which guide the Dalton State College community. They set forth what we believe and define how we should conduct our affairs. At the heart of these values is the welfare of our students:

OPPORTUNITY AND ACCESS FOR ALL: We believe all of our students can succeed and achieve their full potential.

EXCELLENCE IN TEACHING AND LEARNING: We empower faculty, staff, and students to engage in the pursuit of excellence and innovation in instruction, the acquisition of knowledge, and lifelong learning.

DIVERSITY AND INCLUSION: We embrace inclusion and cultural diversity among faculty, staff, and students; we strive to be a place where the diversity of ideas, values, and perspectives is welcomed and nurtured.

COMMITMENT TO SERVICE AND COLLABORATION: We value a campus culture of service, engagement, and collaboration to advance the welfare of Northwest Georgia and beyond.

RESPECT AND COLLEGIALITY: We are committed to the intentional creation of a community of learners based on respect, civility, courtesy, and appreciation of different points of view.

CULTURE OF ACCOUNTABILITY: We expect integrity, responsibility, and ethical behavior in all of our relationships and hold one another and our institution accountable.
OFFICIAL NOTICES

The statements set forth in this Publication are for informational purposes only and should not be construed as the basis of a contract between a student and this institution.

In case of any divergence from or conflict with the By-laws or Policies of the Board of Regents, the official By-laws and Policies of the Board of Regents shall prevail. This catalog is prepared for the convenience of students and is not to be construed as an official publication of the Board of Regents of the University System of Georgia.

While the provisions of this publication will ordinarily be applied as stated, Dalton State College reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be available in the offices of the Vice President for Academic Affairs and the Vice President for Enrollment and Student Services. It is especially important that students note that it is their responsibility to keep themselves apprised of current graduation requirements for their particular degree or certificate program.

Family Educational Rights and Privacy Act of 1974

Notice to Students

With limited exceptions, including “directory information,” no personally identifiable information from the education records of any current or former student will be disclosed to any third party, except authorized companies providing official services to the College, by any official or employee of the College without written consent of the student or as required by law. “Directory information” includes the student’s name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, enrollment status, and the most recent previous educational agency or institution attended by the student. A student has the right to prohibit the release of his or her own “directory information” by advising the Office of Enrollment Services in writing.

Notification of Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student’s education records within 45 days of the day the College receives a request for access.

Students should submit to the Vice President for Student Affairs and Enrollment Management, in Westcott 109, written requests that identify the record(s) they wish to inspect. The Vice President for Student Affairs and Enrollment Management will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Vice President for Student Affairs and Enrollment Management, he shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education record(s) that the student believes is inaccurate.

Students may ask the College to amend a record that they believe is inaccurate. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate.

If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Regents; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the College discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Dalton State College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Copies of the complete policy statement on student education may be obtained at the Office of the Vice President for Student Affairs and Enrollment Management and the Office of the Provost and Vice President for Academic Affairs.

Weekend and holiday period appointments with College officials may be secured through advance arrangements.

Notice of Nondiscrimination

All of the programs, activities, and organizations of Dalton State College are open for the participation of all employees and all individuals enrolled as students. Admissions policies, activities, services, and facilities of Dalton State College do not exclude any person on the basis of race, color, age, sex, religion, national origin, or disability. Dalton State College is an Affirmative Action Program Institution.

Dalton State College subscribes fully to the following policy of the Board of Regents of the University System of Georgia:
The Board of Regents stipulates that no student of the University System, on the ground of race, color, sex, religion, creed, national origin, age or disability, be excluded from participation in, be denied benefits of, or otherwise be subjected to discrimination under any program or activity conducted by the Board of Regents of the University System of Georgia or any of its several institutions now in existence or hereafter established. In addition, in accordance with the policy of the Board of Regents, on the ground of race, color, sex, religion, creed, national origin, age, or disability, there shall be no discrimination of employees in their appointment, promotion, retention, remuneration, or any other condition of employment.

Consistent with these principles, it is Dalton State College's policy not to discriminate in offering access to its educational programs and activities or employment opportunities on the basis of race, color, sex, gender identity and expression, sexual orientation, age, national origin, religion, creed, disability, or veteran's status.

Incorporated in this policy are the applicable provisions of Title VII of the Civil Rights Act of 1964 and Executive Order 11246, as amended; of Title IX Regulations Implementing Education Amendments of 1972; of Section 503 and Section 504 of the Rehabilitation Act of 1973; of the Vietnam Era Veterans Readjustment Assistance Act of 1974; of the Age Discrimination Act of 1975, as amended; of Title II and other provisions of the Americans with Disabilities Act of 1990, as amended; and of any other federal laws or regulations regarding equal opportunity, affirmative action, and nondiscrimination with respect to employees and students to which Dalton State College is subject. Any person who requires assistance under these measures for admission to or participation in any program, service, or activity of Dalton State College should contact the designated Title IX and Section 504 Coordinator:

Lori McCarty  
Director of Human Resources  
Dalton State College  
650 College Drive  
James E. Brown Center, Room 315  
Dalton, GA 30720  
706.272.2034 or 1.800.829.4436 ext. 2034  
lmccarty@daltonstate.edu (fmiller@daltonstate.edu)

**Institutional Policy on Sexual Harassment**

Dalton State College seeks to provide an environment that supports effective teaching and learning, mutual respect among students, faculty, and staff, and productive, congenial working relations. Discrimination on the basis of race, religion, color, sex, national origin, or handicap subverts these goals and is unacceptable on this campus.

Sexual harassment, whether overt or subtle, is a form of discriminatory behavior incompatible with institutional commitments and is a violation of policies of the Board of Regents (Policy Manual 802.18) and federal legislation (Title VII of the Civil Rights Act of 1964 and Title IX of the 1972 Educational Amendments). Legal guidelines published in 1980 by the Equal Employment Opportunity Commission provide the following definition of sexual harassment:

Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or academic advancement, (2) submission to or rejection of such conduct by an individual is used as the basis for employment decisions or academic decisions affecting such individual, (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive working or academic environment.

Sexual harassment may occur between individuals of different status or authority in the institution or between peers. Offenders may be subject to dismissal or other disciplinary action after being afforded procedural due process. Members of the college community are encouraged to resolve sexual harassment situations as informally as possible. Unresolved problems should be reported immediately to a supervisor, a member of the administrative staff, or to the Equal Opportunity Officer (Director of Human Resources). Students should report unresolved problems to the Vice President for Student Affairs and Enrollment Management. Every effort will be made to protect the rights, privacy, and confidentiality of both the complainant and the accused and to protect the complainant from reprisals or other discrimination. Additional information is available in the Dalton State College Policy and Procedures Statement on Sexual Harassment. Copies are available in the office of the President, the Vice President for Academic Affairs, the Vice President for Student Affairs and Enrollment Management, and the Fiscal Affairs Office and in the Library.

**Grievance Procedures**

The Office of the Vice President for Student Affairs and Enrollment Management is responsible for providing support for students by serving as a voice for student concerns within the broader campus community. The Office also serves as a primary link between students, faculty, and the administration of the College. The Office of the Vice President for Student Affairs and Enrollment Management offers a first line of response for students in addressing issues in any area of student life. Students enrolled in the college's distance education program who take online/hybrid courses are subject to the same grievance procedures.

**Contact Information**

Jodi Johnson  
Vice President for Student Affairs and Enrollment Management  
650 College Drive  
Dalton, GA 30720  
706-272-4475  
jjohnson@daltonstate.edu

Where possible, student complaints should be resolved on an informal basis without the filing of a formal grievance. A student has 10 business days from the date of the incident being grieved to resolve his/her complaint informally by approaching his/her instructor, department chair, dean, or any other staff or faculty member directly involved in the grieved incident. Where this process does not result in a resolution of the grievance, the student may proceed to the formal grievance procedure.

Where a student cannot resolve the complaint informally, the formal grievance procedure may be used. Within 15 business days of the incident being grieved, the student must file a formal grievance in the office of the Vice President for Student Affairs and Enrollment Management (VPSAEM) with the following information:

1. Name,  
2. Date,
3. Brief description of incident being grieved,

4. Remedy requested,

5. Signed, and

6. Informal remedy attempted by student and outcome.

If the grievance is against the VPSAEM, the student shall file the grievance in the Office of the President.

The VPSAEM, or her designee, will investigate the matter and supply a written response to the student within 15 business days. If the aggrieved student is unsatisfied with the response from the VPSAEM, the student may appeal the decision to the President. A student shall file a written appeal to the President within 5 business days of receiving the response. The appeal will be decided based entirely on documents provided by the student and the administration; therefore, the student must ensure that he/she has provided all relevant documents with his/her appeal. At the President’s sole discretion, grievance appeals at the institution may be held in one of the following two ways:

1. The President may review the information provided by the student and administration and make the final decision; or

2. The President may appoint a cross-functional committee comprised of three members of the faculty to make the final decision.

The decision of either the President or the cross-functional committee shall be made within 10 business days of receipt by the President of the appeal. The President shall send notification of the decision to the student in writing within five (5) business days of the final decision.

Whichever process is chosen by the President, the decision of the grievance appeal is final.

Retaliation against a student for filing a grievance is strictly prohibited.

In addition, the Office of the Provost and Vice President for Academic Affairs will be asked to respond to grievances concerning maintenance of an appropriate academic environment, such as the openness of every class to reasonable and civil expression of diverse intellectual viewpoints as they may relate to material under study, and grade related appeals. If a student complaint cannot be resolved informally, the formal grievance appeal outlined above should be followed and submitted to the Office of the Provost and Vice President for Academic Affairs.

Contact Information -

Bruno Hicks
Provost and Vice President for Academic Affairs
650 College Drive
Dalton, GA 30720
706-272-4421

bhicks@daltonstate.edu (sstone@daltonstate.edu)

Student grievance records are maintained in the office of the Vice President for Student Affairs and Enrollment Management.

Some student complaints have additional formal mechanisms for redress. The processes for these complaints are outlined in the corresponding sections of the Dalton State College catalog.

Admission (p. 15)
Disability Support Services (p. 326)

Invitation to Identify

The Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act of 1990, as amended, define a disabled individual for the purposes of the program as any person who has a physical or mental impairment which substantially limits one or more of such person’s major life activities, has a record of such impairment, or is regarded as having such an impairment. If this definition applies to you and you wish to be considered for admission as a student or for employment under the Affirmative Action Program of Dalton State College, please tell us about:

1. special methods, skills and procedures which may qualify you for programs or positions for which you might not otherwise be considered because of your disability and

2. accommodations which might enable you to perform properly and safely, including use of special equipment, changes in the physical layout of the workspace, and modifications of nonessential duties related to the job or other accommodations.

This information is voluntary and refusal to provide it will not subject you to discharge or to discriminatory or disciplinary treatment. All employees and applicants for employment are protected from coercion, intimidation, interference or discrimination for filing a complaint or assisting in an investigation under these Acts. Any information provided shall be kept confidential, except that:

1. instructors, supervisors and managers may be informed regarding restrictions on the work or duties of disabled individuals and necessary accommodations,

2. security personnel may be informed, when and to the extent appropriate, if the condition might require emergency treatment, and

3. government officials investigating compliance with the Acts shall be informed. Lack of English-language skills will not be construed as a barrier to participation in a program, or occupancy of a position for which an applicant may be otherwise qualified.

July 1, 2010
ADMISSION

Dalton State College seeks to produce graduates who are prepared for their professions and who are inspired with a passion for excellence, lifelong learning and success. The Office of Admissions takes the lead in actively recruiting, sustaining and graduating a diverse, qualified student body that may be able to benefit from the comprehensive array of academically respected program offerings. The Dalton State Office of Admission is located in the Westcott Building, at 650 College Drive. Our office hours during the fall and spring semester are Monday through Thursday, 8:00 a.m. to 6:00 p.m. and Friday 8:00 a.m. to 12:00 p.m. Our office hours during the summer semester are Monday through Thursday 7:00 a.m. to 6:00 p.m. Telephone, (706) 272-4436; or toll-free, 1-800-829-4436.

The admission policy of Dalton State College (DSC) is to accept those applicants who provide evidence of the potential for success at the College. A potential student is considered for admission without regard to race, creed, gender, marital status, disability, sexual orientation, age or national origin. All documents submitted for admission to Dalton State College become the property of the College. Admission to DSC is not a guarantee of admission to a particular School or program. Separate and sometimes higher requirements for admission into a School or program are described in this Catalog.

Students with disabilities are invited to contact Disability Support Services at (706) 272-2524 to determine how their disability may be accommodated. In these particular cases, campus visits are especially encouraged. When making reservations for a campus tour, please let us know how we may help to make your visit a pleasurable experience.

INFORMATION COMMON TO ALL APPLICANTS FOR ADMISSION

Application for Admission
All prospective students must submit a completed Application for Admission.

- Electronic application submission is preferred. The electronic application can be found at www.gafutures.org (https://www.gafutures.org/)
- Students who do not attend the term for which they apply may update their application within one year by using the update form (https://www.daltonstate.edu/skins/userfiles/files/UpdateFormforALL.pdf) or by notifying the Admissions Office by calling (706) 272-4436.
- Students who applied more than one year ago, but did not enroll, must submit a new application and all supporting documents. Click the link for admissions application (https://gafutures.xap.com/applications/usg/usg_common_2019/apply.html?application_id=3397).

In accordance with Board of Regents Policy 4.3.4, all applicants who are accepted for admission or readmission to Dalton State College for Fall, 2011 or any academic semester thereafter, and who seek to be classified as in-state for tuition purposes, will be required to provide validation of residency and lawful presence in both the State of Georgia and the United States. Students who do not satisfy Lawful Presence Verification will be classified as non-resident for tuition purposes and assessed based on out-of-state tuition rate.

Application Processing Fee
A non-refundable $30 application fee is required of:
- All first-time applicants
- Applicants who applied and paid the application fee and never enrolled within one year of the initial application term
- Former Dalton State students who have not enrolled for three or more consecutive semesters

Official Supporting Documents
All high school transcripts and test scores must be sent directly from the high school or testing center to the DSC Office of Enrollment Services, 650 College Drive, Dalton, GA 30720. Fax documents and copies provided by the student are NOT considered official and will not be considered for admission purposes.

Transcripts must be sent directly from each and every college attended to the DSC Office of Enrollment Services, 650 College Drive, Dalton, GA 30720. Fax documents and copies provided by the student are NOT considered official and will not be used for admission purposes. Courses from one institution that are listed on another college transcript will not substitute for an official transcript. Prior educational experience may not be omitted from an application package.

Dalton State College may request a personal interview as part of the admissions evaluation.

Institutional Codes for Dalton State College
5167 SAT/AP/CLEP
0809 ACT
003956 FICE

Immunization Requirements
Dalton State College and The University System of Georgia require immunization documents from every newly admitted student. To access required immunizations, click the link for the immunization form (https://www.daltonstate.edu/skins/userfiles/files/certificate-of-immunization.pdf). You may print the form, have it completed by your health care provider and return it to the DSC Office of Enrollment Services, 650 College Drive, Dalton, GA 30720 for evaluation prior to enrollment.

Lawful Presence
The Board of Regents of the University System of Georgia requires all institutions to verify the lawful presence in the United States of all admitted and readmitted students entering Dalton State in the fall 2011 semester or later.

BOR Policy 4.3.4: “University System institution shall verify the lawful presence in the United States of every successfully admitted person applying for resident tuition status (in-state tuition).”

How Can Students Verify Lawful Presence?
- Students who file a FAFSA (Free Application for Federal Student Aid) and are eligible for federal student aid will have their lawful presence verified as part of the FAFSA process.
• All students may provide one of the following legal documents to the Office of Admissions to satisfy the lawful verification requirement.
  • A Certified U.S. Birth Certificate showing the student was born in the U.S. or a U.S. territory. A photocopy provided by the student is not acceptable.
  • A U.S. Certificate of Naturalization (USCIS form N-550 or N-570).
  • A U.S. Certificate of Citizenship (USCIS form N-560 or N-561).
  • A U.S. Certificate of Birth Abroad issued by the Department of State (DS-1350) or a Consular Report of Birth Abroad (FS-240).
  • A current U.S. Passport.
  • A current Driver’s License/ID issued by the State of Georgia and valid for at least two years. A limited term license/ID is not acceptable.
  • A current ID issued by the State of Georgia.
  • A current military ID (service member only, not dependent).
  • Documented using the Confirmation of Review of Military ID Worksheet – A photocopy is not acceptable
  • A current, valid Permanent Resident Card (USCIS form I-151 or I-551).

**Admission and Financial Aid Due Dates**

*To assure admission and financial aid consideration for a term, students should submit all admission and financial documents by the respective due dates listed below:*

- **FALL SEMESTER-FINANCIAL AID APPLICATION AND DOCUMENTS - MAY 1**
- **FALL SEMESTER-ADMISSION APPLICATION AND DOCUMENTS - JULY 1**
- **SPRING SEMESTER-FINANCIAL AID AND DOCUMENTS - NOVEMBER 1**
- **SPRING SEMESTER-ADMISSION APPLICATION AND DOCUMENTS - DECEMBER 1**
- **SUMMER SEMESTER-FINANCIAL AID APPLICATION AND DOCUMENTS - APRIL 1**
- **SUMMER SEMESTER-ADMISSION APPLICATION AND DOCUMENTS - MAY 1**

**Admission Committee Appeal Procedure**

**Admission Appeal Procedure**

Applicants who have been dismissed from the last school of attendance shall have the right to appeal for admittance once they have satisfied the reinstatement stipulations of their last school. Such applicants may appeal for admittance in accordance with the following procedure:

1. The applicant shall submit a written appeal which outlines reasons for believing that their previous record will be improved if they are permitted to enroll. To access the Academic Appeals form go to: [https://www.daltonstate.edu/academics/current-student-forms.cms](https://www.daltonstate.edu/academics/current-student-forms.cms)

2. The Admission Appeal Committee shall review all facts and circumstances connected with the appeal. If required, schedule an interview with the Admission Appeal Committee.

3. The applicant shall be notified in writing within five days after the Admission Appeal Committee/Designated Enrollment Professional(s)’ decision is made.

Applicants who admit to being convicted of a crime other than a minor traffic offense or if criminal charges are currently pending, such applicants shall have the right to appeal for admittance in accordance with the following procedure:

1. The applicant shall submit a background release authorization at [https://www.daltonstate.edu/academics/current-student-forms.cms](https://www.daltonstate.edu/academics/current-student-forms.cms) and appeal in writing and if required schedule and interview with the Admission Appeal Committee.

2. The Admission Appeal Committee shall review all facts and circumstances connected with the appeal and shall make the decision which shall be final so far as the institution is concerned (Section 302.0303, BOR Policy Manual).

3. The applicant shall be notified in writing within five days after the committee's decision is made.

To be considered for admission through the Admission Appeal Procedure, appeal files must be complete. The written appeal, transcripts from all schools, and all other supporting documents must be submitted by the respective deadline date.

- **FALL SEMESTER-JUNE 15**
- **SPRING SEMESTER-SEPTEMBER 15**
- **SUMMER SEMESTER-MARCH 15**

**Grievance Procedure**

Whenever an applicant for admission to Dalton State College shall be denied admission or shall feel that their application has not been given due consideration or whenever a student shall be expelled or suspended, such applicant or student shall have the right to appeal in accordance with the following procedure:

1. The person aggrieved shall appeal in writing to the head of the institution within five days after the action of which he/she complains. The head of the institution shall within five days appoint a committee composed of three members of the faculty of the institution or he/she shall utilize the services of an appropriate existing committee. This committee shall review all facts and circumstances connected with the case and shall within five days make its finding and report thereon to the President. After consideration of the committee’s report, the President shall within five days make a decision which shall be final so far as the institution is concerned.

2. Should the aggrieved person be dissatisfied with said decision, he/she may apply to the Board of Regents, without prejudice to his/her position, for a review of the decision. The application for review shall be submitted in writing to the Executive Secretary of the Board within a period of twenty days, following the decision of the President. This application for review shall state the decision complained of and the redress desired. A review by the Board is not a matter of right, but is within the sound discretion of the Board. If the application for review is granted, the Board, or a committee of the Board, shall investigate the matter thoroughly and render its decision thereon within sixty days from the filing date of the application for review or from the date
An applicant will be considered for admission when Enrollment Services has received the following:

1. Admission Application.
2. $30 non-refundable Application Fee or $50 non-refundable Application Fee for International Students.
3. An official transcript from the applicant's regionally accredited high school which certifies that requirements for graduation have been met or a copy of the General Educational Development (GED) test scores which meet the requirements of the Georgia State Department of Education. Official transcripts should be requested from all vocational schools, colleges, and universities that the applicant has previously attended. Copies of these records must be mailed by the issuing school or agency directly to Enrollment Services.
4. Official SAT or ACT scores.
5. The Accuplacer entrance exam or equivalent scores for admission and placement purposes is required for all non-traditional applicants. Non-traditional applicants are those that have graduated high school five or more years prior to the start of the term in which they are applying. Placement in Learning Support is based upon Accuplacer scores.
6. A properly executed University System of Georgia Certificate of Immunization form.
7. Other documents as may be required for special admission categories.
8. Persons whose native language is other than English must provide proof of proficiency in English language skills either through SAT, ACT or TOEFL scores.
9. English proficiency for applicants graduating from non-U.S. Schools.

Applicants graduating from Non-U.S. institutions must prove English proficiency by providing one of the following five items:

1. Test of English as a Foreign Language (TOEFL) official score report with a minimum score of 523 on the paper based TOEFL of 193 on the computer based TOEFL, or 69 on the Internet-based TOEFL. Scores must be official and must be dated within two years of intended date of enrollment.
2. Scholastic Aptitude Test (SAT) scores with a minimum score of 450 critical reading and 450 writing; or American College Testing program (ACT) scores with a minimum of 19 English.
3. Four units of College Prep English from accredited U.S. high school.
4. Proof of 30 semester (or 45 quarter) transferable hours with a 2.5 GPA including the equivalents of English 1101 and 1102 from an accredited U.S. college or university.
5. Proof of a bachelor's degree from an accredited U.S. college or university.

* Students applying to the bachelor’s degree programs must also complete a separate application for upper division course work.

** Acceptance to the college does not guarantee immediate entry into your desired program. If you have selected a program of study which requires additional admittance criteria, you must contact your School for the specific requirements to be assured of acceptance to that program. You may find information about programs in the DSC catalog or online at https://www.daltonstate.edu/academics/majors-and-programs.cms

Program Offerings and Admission Requirements

Admission to Bachelor and Transfer Associate Degree Programs

Bachelor Degree Programs lead to the completion of a 4-year degree at Dalton State College.

Associate Degree Programs lead to pre-baccalaureate degrees in the Associate of Arts (A.A.) or Associate of Science (A.S.) degree. The Associate Degree Program option is designed for students wishing to ultimately transfer to another university to earn a bachelor’s degree. These programs allow students to complete the first two years of collegiate general education that contribute to achieving a bachelor’s degree.

An applicant will be considered for admission when Enrollment Services has received the following:

1. Admission Application.
2. $30 non-refundable Application Fee or $50 non-refundable Application Fee for International Students.
3. An official transcript from the applicant's regionally accredited high school which certifies that requirements for graduation have been met or a copy of the General Educational Development (GED) test scores which meet the requirements of the Georgia State Department of Education. Official transcripts should be requested from all vocational schools, colleges, and universities that the applicant has previously attended. Official copies of these records must be mailed by the issuing school or agency directly to Enrollment Services.
4. Official SAT or ACT scores.
5. The Accuplacer entrance exam or equivalent scores for admission and placement purposes is required for all non-traditional applicants. Non-traditional applicants are those that have graduated high school five or more years prior to the start of the term in which they are applying. Placement in Learning Support is based upon Accuplacer scores.
6. A properly executed University System of Georgia Certificate of Immunization form.
7. Other documents as may be required for special admission categories.
8. Persons whose native language is other than English must provide proof of proficiency in English language skills either through SAT, ACT or TOEFL scores.
9. English proficiency for applicants graduating from non-U.S. Schools.

Applicants graduating from Non-U.S. institutions must prove English proficiency by providing one of the following five items:

1. Test of English as a Foreign Language (TOEFL) official score report with a minimum score of 523 on the paper based TOEFL of 193 on the computer based TOEFL, or 69 on the Internet-based TOEFL. Scores must be official and must be dated within two years of intended date of enrollment.
2. Scholastic Aptitude Test (SAT) scores with a minimum score of 450 critical reading and 450 writing; or American College Testing program (ACT) scores with a minimum of 19 English.
3. Four units of College Prep English from accredited U.S. high school.
4. Proof of 30 semester (or 45 quarter) transferable hours with a 2.5 GPA including the equivalents of English 1101 and 1102 from an accredited U.S. college or university.
5. Proof of a bachelor's degree from an accredited U.S. college or university.

** Acceptance to the college does not guarantee immediate entry into your desired program. If you have selected a program of study which requires additional admittance criteria, you must contact your School for the specific requirements to be assured of acceptance to that program. You may find information about programs in the DSC catalog or online at https://www.daltonstate.edu/academics/majors-and-programs.cms

Admission to Bachelor of Applied Science and Career Associate Degree Programs

Bachelor of Applied Science Degree Program leads to the completion of a 4-year technical and occupational degree following the completion of any career associate (A.A.S.) degree. This option is designed to prepare students for specific and immediate productive occupations and jobs.

Career Associate Degree Programs lead to the Associate of Applied Science (A.A.S.) degree. These programs are designed to prepare students for specific and immediate productive occupations and jobs.

An applicant will be considered for admission when Enrollment Services has received the following:

1. Admission Application.
2. $30 non-refundable Application Fee or $50 non-refundable Application Fee for international students.
3. A complete transcript from the applicant's regionally accredited high school which certifies that requirements for graduation have been met, or a copy of the General Educational Development (GED) test scores which meet the requirements of the Georgia State Department of Education. Official transcripts should be requested from all vocational schools, colleges, and universities that the applicant has previously attended. Copies of these records must be mailed by the issuing school or agency directly to Enrollment Services.
4. Official SAT or ACT scores.
5. The Accuplacer entrance exam or equivalent scores for admission and placement purposes is required for all non-traditional applicants. Non-traditional applicants are those that have graduated high school five or more years prior to the start of the term in which they are applying. Placement in Learning Support is based upon Accuplacer scores.
6. A properly executed University System of Georgia Certificate of Immunization form.
7. Other documents as may be required for special admission categories.
8. Persons whose native language is other than English must provide proof of proficiency in English language skills either through SAT, ACT, or TOEFL scores.
9. English proficiency for applicants graduating from non-U.S. Schools.
Applicants graduating from non-U.S. institutions must prove English proficiency by providing one of the following five items:

1. Test of English as a Foreign Language (TOEFL) official score report with a minimum score of 523 on the paper based TOEFL of 193 on the computer based TOEFL, or 69 on the Internet-based TOEFL. Scores must be official and must be dated within two years of intended date of enrollment.
2. Scholastic Aptitude Test (SAT) scores with a minimum score of 450 critical reading and 450 writing; or American College Testing program (ACT) scores with a minimum of 19 English.
3. Four units of College Prep English from accredited U.S. high school.
4. Proof of 30 semester (or 45 quarter) transferable hours with a 2.5 GPA including the equivalents of English 1101 and 1102 from an accredited U.S. college or university.
5. Proof of a bachelor’s degree from an accredited U.S. college or university.

* Students applying to the bachelor’s degree programs must also complete a separate application for upper division course work.

** Acceptance to the college does not guarantee immediate entry into your desired program. If you have selected a program of study which requires additional admittance criteria, you must contact your School for the specific requirements to be assured of acceptance to that program. You may find information about programs in the DSC catalog or online at https://www.daltonstate.edu/academics/majors-and-programs.cms

### Admission to Associate of Science in Nursing Program (Registered Nurse)

An applicant will be considered for admission when Enrollment Services has received the following:

1. Admission Application.
2. $30 non-refundable Application Fee or $50 non-refundable Application Fee for international students.
3. A complete transcript from the applicant’s regionally accredited high school which certifies that requirements for graduation have been met, or a copy of the General Educational Development (GED) test scores which meet the requirements of the Georgia State Department of Education. Official transcripts should be requested from all vocational schools, colleges, and universities that the applicant has previously attended. Copies of these records must be mailed by the issuing school or agency directly to Enrollment Services.
4. Official SAT or ACT scores.
5. The Accuplacer entrance exam or equivalent scores for admission and placement purposes is required for all non-traditional applicants. Non-traditional applicants are those that have graduated high school five or more years prior to the start of the term in which they are applying. Placement in Learning Support is based upon Accuplacer scores.
6. A properly executed University System of Georgia Certificate of Immunization form.
7. Persons whose native language is other than English must provide proof of proficiency in English language skills through SAT, ACT, or TOEFL scores.
8. English proficiency for applicants graduating from non-U.S. Schools.

Applicants graduating from non-U.S. institutions must prove English proficiency by providing one of the following five items:

1. Test of English as a Foreign Language (TOEFL) official score report with a minimum score of 523 on the paper based TOEFL of 193 on the computer based TOEFL, or 69 on the Internet-based TOEFL. Scores must be official and must be dated within two years of intended date of enrollment.
2. Scholastic Aptitude Test (SAT) scores with a minimum score of 450 critical reading and 450 writing; or American College Testing program (ACT) scores with a minimum of 19 English.
3. Four units of College Prep English from accredited U.S. high school.
4. Proof of 30 semester (or 45 quarter) transferable hours with a 2.5 GPA including the equivalents of English 1101 and 1102 from an accredited U.S. college or university.
5. Proof of a bachelor’s degree from an accredited U.S. college or university.

* Acceptance to the college does not guarantee immediate entry into your desired program. If you have selected a program of study which requires additional admittance criteria, you must contact your School for the specific requirements to be assured of acceptance to that program. You may find information about programs in the DSC catalog or online at https://www.daltonstate.edu/academics/majors-and-programs.cms

### Admission to Certificate Programs

Career Certificate Programs lead to the technical Certificate. These programs are designed to prepare students for specific and immediate productive occupations and jobs.

The requirements for admission to a certificate program are as follows:

1. Admission Application.
2. $30 Application Fee non-refundable.
3. Accuplacer Scores.
4. Submit complete official transcripts from all high schools, vocational schools, and colleges previously attended. Copies of these records must be mailed by the issuing school or agency directly to the Dalton State College Enrollment Services office. If the applicant has completed the General Educational Development Test (GED), a copy of the General Educational Development (GED) test score sheet is needed.
5. Certificate of Immunization.
6. Persons whose native language is other than English must provide proof of proficiency in English language skills through SAT, ACT, or TOEFL scores.
7. English proficiency for applicants graduating from non-U.S. schools.

Applicants graduating from non-U.S. institutions must prove English proficiency by providing one of the following five items:

1. Test of English as a Foreign Language (TOEFL) official score report with a minimum score of 523 on the paper based TOEFL of 193 on the computer based TOEFL, or 69 on the Internet-based TOEFL. Scores must be official and must be dated within two years of intended date of enrollment.
2. Scholastic Aptitude Test (SAT) scores with a minimum score of 450 critical reading and 450 writing; or American College Testing program (ACT) scores with a minimum of 19 English.

3. Four units of College Prep English from accredited U.S. high school.

4. Proof of 30 semester (or 45 quarter) transferable hours with a 2.5 GPA including the equivalents of English 1101 and 1102 from an accredited U.S. college or university.

5. Proof of a bachelor’s degree from an accredited U.S. college or university.

* Acceptance to the college does not guarantee immediate entry into your desired program. If you have selected a program of study which requires additional admittance criteria, you must contact your School for the specific requirements to be assured of acceptance to that program. You may find information about programs in the DSC catalog or online at https://www.daltonstate.edu/academics/majors-and-programs.cms

**Required High School Curriculum (RHSC)**

Students for admission to associate degree programs (AA and AS) or bachelor degree programs (BS, BA, BBA, BAS, BSED, BSW) who have not been out of high school for over five years must meet the following requirements of the High School Curriculum (RHSC):

Students graduating from high school in 2012 must present 17 specified RHSC units of credit. Students graduating from high school prior to 2012 must present 16 College Preparatory Curriculum (CPC) units.

<table>
<thead>
<tr>
<th>RHSC</th>
<th>Institutional Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH: (4) units</td>
<td>English which have as their emphasis grammar and usage, literature (American, English, World), and advanced composition skills.</td>
</tr>
<tr>
<td>MATHEMATICS: (4) units</td>
<td>Mathematics, including Algebra I, Algebra II, and Geometry. For students who graduate from a Georgia Public School in 2012 or later, the 4 units of Mathematics must include a course at the level of Math 3 or higher.</td>
</tr>
<tr>
<td>SCIENCE: (4) units</td>
<td>Science, with at least one laboratory course from the life sciences and one laboratory course from the physical sciences. Students who graduate in 2012 or later must have four (4) units of science. Georgia public high school graduates must have at least one (1) unit of biology, one (1) unit of physical science or physics, and one (1) unit of chemistry, earth systems, environmental science, or an advanced placement science course.</td>
</tr>
<tr>
<td>SOCIAL SCIENCE: (3) units</td>
<td>Social science, with at least one (1) course focusing on United States studies and one (1) course focusing on world studies.</td>
</tr>
</tbody>
</table>

**FOREIGN LANGUAGE:** (2) units

Two units in the same foreign language emphasizing speaking, listening, reading, and writing. Two (2) units of American Sign Language may be used to satisfy this requirement.

Students lacking one or more of these required units must complete the RHSC according to the following guidelines:

**ENGLISH**—Students graduating with less than the four required units of English will be required to satisfy the deficiency through appropriate coursework. Based on the student’s English Placement Index, the student will either be placed in appropriate Learning Support English or reading courses, or will be exempted from such courses. Once all required Learning Support is complete or exempted, the RHSC deficiency will be satisfied.

**MATHEMATICS**—Students graduating with less than the four required units of mathematics will be required to satisfy the deficiency through appropriate coursework. Based on the student’s Math Placement Index, the student will either be placed in the appropriate Learning Support mathematics course, or will be exempted from such courses. Once all required Learning Support is complete or exempted, the RHSC deficiency will be satisfied.

**SCIENCE**—Students graduating with less than the four required units of science will be required to complete one additional course in a laboratory science chosen from the approved laboratory sciences in Area D of the Core Curriculum.

**SOCIAL SCIENCE**—Students graduating with less than the three required units of social science will be required to complete one additional course chosen from the approved social sciences in Area E of the Core Curriculum.

**FOREIGN LANGUAGE**—Students graduating with less than two units of the same foreign language will be required to complete one additional core curriculum introductory foreign language course.

The additional courses in science, social science, and foreign language must be passed with a grade of “C” or better. Students placed in Learning Support courses because of RHSC deficiencies will be subject to the regular Learning Support requirements. Entering freshmen and students transferring from outside the University System of Georgia who accumulate twenty or more semester hours of college-level credit at DSC before completing all RHSC requirements may not register for other courses, unless they also register for the appropriate deficiency course or courses.

**Beginning Freshmen**

Additional admission information for beginning freshmen: /admission/studentclassification/#beginningfreshmen (p. 18)

**Student Admission Classification**

**Beginning Freshmen**

Freshmen applicants are or will be high school graduates that have earned less than 30 semester hours (45 quarter hours) of transferable college credit coursework (not including joint enrollment and advanced placement credits). Traditional freshmen have attended high school
within the last five years. Non-traditional freshmen have been out of high school for more than five years.

A freshman applicant must submit the following items in order to be considered for admission:

- Application for Admission
- $30 Non-refundable Application Fee
- Official High School Transcript
- Official SAT or ACT Scores* All scores listed are based on OLD SAT scores. NEW SAT scores will be converted to OLD SAT scores for admission purposes. (requirement for degree seeking, traditional freshmen applicants)
- Accuplacer Exam scores** (requirement for non-traditional applicants)
- Verification of lawful presence

All degree seeking, traditional freshmen applicants must meet the following minimum admission criteria:

- SAT Verbal/Critical Reading score of 330 or ACT English of 14 AND
- SAT Math score of 310 or ACT Math score of 12 AND
- Freshman Index of 1830
  - The Freshman Index is calculated as follows:
    - SAT: Freshman Index = (Academic High School GPA x 500) + SAT Verbal/Critical Reading + SAT Math
    - ACT: Freshman Index = (Academic High School GPA x 500) + (ACT Composite x 42) + 88

Students graduating from high school before 2012 must have the following HSGPA:

- Students graduating with a College Preparatory Curriculum (CPC) Diploma must have a 2.00 HSGPA calculated on the grades in the 16 required units of the CPC.
- Students graduating with a Technical/Career Program (TCP) Diploma must have a 2.20 HSGPA calculated on the grades in the 12 academic units of the TCP.

Students graduating from high school 2012 or later must have 2.00 HSGPA calculated on the grades in the required 17 units of the Required High School Curriculum (RHSC).

**Learning Support**

Learning Support is an admissions category for students in degree and certificate programs whose placement index scores are below the Dalton State College minimum index scores. Students with Required High School Curriculum (RHSC) deficiencies in English or Mathematics may also be placed in Learning Support.

**Dual Enrollment Program**

The Dual Enrollment program provides opportunities for high school students to enroll in postsecondary institutions to earn both high school and college credits simultaneously.

Students are eligible to participate in the Dual Enrollment Program if they are entering 10th, 11th, or 12th grade, as determined by the system, and spent the prior school year in attendance at a public high school in Georgia. Dual Enrollment course hours do not count against any maximum hourly caps for HOPE scholarships or grants.

To be considered for Dual Enrollment, admission application and all supporting documents required for admission must be submitted by the respective deadline dates.

- **FALL SEMESTER - JULY 1**
- **SPRING SEMESTER - DECEMBER 1**
- **SUMMER SEMESTER - MAY 1**

**Dual Enrollment Program eligibility requirements**

A dual enrollment applicant must meet ALL of the listed admission requirements:

**Minimum High School Requirements:**

- 3.0 grade point average in Required High School Curriculum coursework
- Successful completion of the 9th grade
- Must be on-track toward the completion of the USG Required High School Curriculum (RHSC) and high school graduation requirements.

**Minimum Test Requirements:**

- ACT
  - Minimum composite score of 20
  - 19 English
  - 21 Math
- Old SAT (taken prior to March 2016)
  - Minimum SAT score of 970 (combined Critical Reading and Math)
  - 450 Critical Reading
  - 500 Math
- New SAT (taken March 2016 or later)
  - 25 Reading
  - 530 Math
  - Students taking the new SAT must present scores that meet or exceed the equivalent of 970 (combined Critical Reading + Math) on the old SAT. This determination will be made by converting a student's new SAT Reading test score to the comparable old SAT Critical Reading section score and converting the new SAT Math test score to the comparable old SAT Math section score. The sum of those two scores must meet or exceed the old SAT 970 minimum.

Students may wish to use the College Board’s New SAT to Old SAT Score Converter (http://collegereadiness.collegeboard.org/sat/scores/understanding-scores/sat-score-converter/) to determine if their new SAT scores meet or exceed the equivalent of the 970 minimum on the old SAT. Once the new SAT scores are converted to the comparable old SAT scores using the converter, students should add together the Critical Reading and Math section scores only (the Writing section score should not be included).

*About the redesigned SAT:

Dalton State will accept the redesigned SAT beginning summer 2016. Redesigned scores will be converted to old scores for admission evaluation purposes. The two-digit Reading test score will be used to create a Critical Reading score and the Math section score will be used to create a Math score. Concordance information can be found via College Board. (https://
least one of the following paths must be met for acceptance. Dalton State College offers several paths to admission for home schooled Home School Students on a case-by-case basis. Graduated, may be permitted to be admitted as a Presidential Exception to be at least 18 years of age and for his/her high school class to have considered for admission. A student who presents the GED is expected General Education Diploma (GED) Students who earn the GED may be considered for admission. A student who presents the GED is expected to be at least 18 years of age and for his/her high school class to have graduated. However, GED students younger than 18 or from a class not graduated, may be permitted to be admitted as a Presidential Exception on a case-by-case basis.

Applicants will be considered for admissions for the Dual Enrollment Program when the following documentation requirements are met:

- Admission Application
- Counselor Permission Form and checklist (http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Transition-Career-Partnerships.aspx)
- Official high school transcript
- Official SAT/ACT scores
- Verification of lawful presence

GED Students

General Education Diploma (GED) Students who earn the GED may be considered for admission. A student who presents the GED is expected to be at least 18 years of age and for his/her high school class to have graduated. However, GED students younger than 18 or from a class not graduated, may be permitted to be admitted as a Presidential Exception on a case-by-case basis.

Home School Students

Dalton State College offers several paths to admission for home schooled students and students graduating from non-accredited high schools. At least one of the following paths must be met for acceptance.

1. Diploma from a regionally accredited home study program such as the American School or the Seton Home Study School
2. Diploma from a school accredited by the Center of the Accrediting Commission for Independent Study (Georgia only)
3. Diploma from a school accredited by Georgia Private School Accrediting Commission (GAP SAC) www.gapsac.org
4. Diploma from a school accredited by Association of Christian Schools International (ACSI)
5. Diploma from a school accredited by Georgia Accrediting Commission, Inc.
6. Diploma from a school accredited by Georgia Association of Christian Schools (GACS)
7. Diploma from a school accredited by South Association of Colleges and Schools
8. SAT I or ACT Composite scores at or above Dalton State College’s average of the previous year’s fall semester for first time freshmen. (All scores listed are based on OLD SAT scores. NEW SAT scores will be converted to OLD SAT scores for admission purposes.)

* Minimum SAT I and ACT Scores and Sub Scores
* SAT I Composite of 950 or higher (minimum 380 Verbal and 370 Math)

* ACT Composite of 19 or higher (minimum 14 English and 15 Math)

9. SAT II Subject Tests

Applications who achieve designated scores on each of the following SAT II Subject Tests in a RHSC area will be considered to have demonstrated equivalent RHSC competence and do not need to submit additional documentation in that area.

<table>
<thead>
<tr>
<th>SAT II Subject Test</th>
<th>Passing Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Writing</td>
<td>520</td>
</tr>
<tr>
<td>English Literature</td>
<td>530</td>
</tr>
<tr>
<td>World History</td>
<td>540</td>
</tr>
<tr>
<td>American History &amp; Social Studies</td>
<td>560</td>
</tr>
<tr>
<td>Math IC</td>
<td>500</td>
</tr>
<tr>
<td>Biology</td>
<td>520</td>
</tr>
<tr>
<td>Chemistry (Physics)</td>
<td>540 (590)</td>
</tr>
</tbody>
</table>

11. Presidential Exception

This is a category that allows institutions to make exceptions to the regular admission requirements.

12. GED Scores

Students seeking Bachelor’s or Transfer Associate Degrees may demonstrate satisfactory completion of Required High School Curriculum by submitting course descriptions of high school course work for review.

Transfer Students

Students who have previously been enrolled at any other postsecondary institution will be classified as a transfer student. Students with fewer than 30 transferable semester credit hours must meet the freshman admission requirements.

Students who have earned 30 or more transferable semester hours must have completed any learning support requirements and college preparatory curriculum deficiency requirements. (Transferable hours do not include institutional credits and RHSC deficiency makeup courses.) Transfer students must be eligible to continue or return to their prior institution. Students on suspension, exclusion, or dismissal from their prior institution are not automatically eligible to enroll at DSC. Students must submit written statement of appeal to the DSC Admission Committee. Students must have satisfied the prescribed stipulations on the previous institution to be eligible for review.

Students who have earned a career associate degree may apply for admission to a transfer associate degree program or to the Bachelor of Applied Science degree program. These students will not be held to College Preparatory Curriculum or Required High School Curriculum (RHSC) requirements.

Transfer students applying for a bachelor degree program must complete a separate application for upper division coursework and submit it to the department to which they are applying.

To apply, students should submit the following items:

- Admission Application
- $30 Application Fee
- Official transcripts from all previously attended colleges
- Official High School Transcript (if fewer than 30 semester transfer credits)
Presidential Exception Policy

Dalton State is authorized to grant admission to a limited number of students that do not meet established standards but do demonstrate special potential for academic success in accordance with Board of Regents Policy 4.2.1.2 Exceptions to Freshman Admission Requirements for Special Groups of Students. Students considered under this category must demonstrate potential for academic success as described below. Students considered under this category must also meet learning support requirements as established by Board of Regents and Dalton State and outlined below. Recipients must demonstrate achievement of the Indicators for Academic Success outlined below to be offered a Presidential Exception.

Indicators for academic success (All scores listed are based on OLD SAT scores. NEW SAT scores will be converted to OLD SAT scores for admission purposes.):

- Official high school and/or college transcripts from accredited institution including rigor of courses and grade point average
- SAT and/or ACT scores: Students must meet established institutional score minimums of 330 critical reading/310 math and/or 14 English/12 math
- Completion of key transfer courses from accredited institution including, but not limited to, ENGL1101, ENGL1102, and MATH1111
- Personal Written Statement of Purpose from student outlining academic goals and plan for college success

Transient Students

A transient student is a student who attends another college or university and seeks temporary admission to Dalton State College. The student intends to return to that college or university after attending a semester of classes at Dalton State College. Student must be in good standing at their home institution. A “Transcript Request Form” should be completed by the student at the time of enrollment to assure that a record of their home institution. A “Transcript Request Form” should be completed by the student at the time of enrollment to assure that a record of their home institution. A “Transcript Request Form” should be completed by the student at the time of enrollment to assure that a record of their home institution. A “Transcript Request Form” should be completed by the student at the time of enrollment to assure that a record of their home institution.

Transient students who later decide to transfer to Dalton State College must meet additional admissions requirements.

A transient applicant will be considered for admission when the following items have been received:

- Admission Application
- $30 Application Fee
- Transient Permission Letter (of Good Standing)

Financial Aid for Transient Students

- HOPE Scholarship is available for transient students if they are eligible for HOPE at their home institution. Students who enroll as a transient student at Dalton State College must inform their home school’s financial aid office so that a HOPE Eligibility Certificate for Transient Study can be sent to Dalton State College’s Financial Aid Office.
- HOPE-eligible students who plan to be transient from Dalton State College must inform the Dalton State College Financial Aid Office, so that a HOPE Eligibility Certificate for Transient Study may be sent to the host school. Subsequent HOPE award cannot be made at DSC until an official transcript is received from the host institution.

Auditors

Students who submit evidence of graduation from a high school or have a GED certificate may register for undergraduate classes as auditors. No credit is granted for courses taken on an audit basis, and students are not permitted to receive credit at any future date for their participation in a course as an auditor. Students registered as auditors shall be required to pay the regular tuition and fees for enrollment. Students who are admitted as auditors are not eligible to receive financial aid. Students may be admitted to the college as auditors without taking any further testing.

Students must declare their intention to audit a class at the time of registration. Enrollment status in a course will not be changed from audit to credit or credit to audit after the last day of registration. While audit students are not obligated to attend class meetings or to complete assigned work, they are encouraged to participate as much as possible. As an auditor, the student earns no grade or credit for the course, however, the student is entitled to all of the consideration given to a credit student. A transcript documenting the student’s audit status is available upon request.

Post baccalaureate students who are interested in staff development, may enroll in courses for non-credit.

All students must meet the prerequisites for the class or obtain permission of the instructor.

An Audit applicant will be considered for admission when the following items have been received:

- Admission Application
- $30 Application Fee
- Official High School Transcript

Special Post Baccalaureate Students

For admission purposes, Special Students are students who have earned a baccalaureate degree or higher from a regionally accredited institution and are not seeking another degree or certificate. Special students may enroll as a post baccalaureate student in courses with no limitation on the number of undergraduate credit hours that can be earned. If persons classified as special students later declares a major at Dalton State College, they must meet the appropriate additional admissions requirements for transfer students.

A special student will be considered for admission when the following items have been received:
Non-Degree Students

Students who have no prior college or limited college credit may enroll as non-degree students for a maximum of 12 semester credit hours, including institutional credit. Students may not enroll in any course that has a Learning Support (LS) prerequisite unless they have been screened for or have exempted the relevant LS course.

Students who have earned the baccalaureate degree from a regionally accredited institution may enroll as non-degree students in courses with no limitation on the number of undergraduate credit hours that can be earned.

A Non-degree student will be considered for admission when the following have been received:

- Admission Application
- $30 Application Fee
- Official High School Transcript

Students may not enroll in any course for which there is a Learning Support prerequisite unless they have been screened for and have exempted the relevant Learning Support course.

Non-Traditional Student

Non-Traditional Students are defined as individuals who have been out of high school at least five years and whose high school class graduated at least five years ago. Non-traditional students must hold a high school diploma from an accredited or approved high school as specified in the admissions section of this Catalog or have satisfactorily completed the GED.

Non-traditional students who have not attended high school or college within the previous five years and have earned fewer than 30 transferable semester hours of college credit must provide evidence of exemption from Learning Support requirements in reading, English, and mathematics. Learning Support requirements may be satisfied by presenting appropriate minimum SAT or ACT scores, appropriate minimum COMPASS or CPE placement test scores from a USG institution, or appropriate minimum COMPASS or ASSET placement test scores from a COC-accredited TCSG college. Test scores must have been taken within the past five years.

Students who were previously enrolled at a USG institution and who now can be considered as non-traditional are not subject to previous RHSC requirements. However, all non-traditional students must be screened for placement.

Non-Traditional Students in Transfer Programs

Applicants to Dalton State College Transfer Programs who have not attended high school or college within the last five years may apply for admission under the non-traditional admissions policy. These applicants are not required to submit SAT or ACT scores; however, they must take the COMPASS Examination or equivalent and complete any Learning Support requirements. An applicant will be considered for admission when the other General Admissions requirements for Transfer Programs have been met.

Former (Re-admitted) Students

Former readmitted students are students who have previously attended DSC but have not attended during the last three or more consecutive semesters.

Readmitted Students will be considered for admissions when the following requirements are met:

- Admission Application
- $30 Readmit Fee
- Meet current admission requirement (additional documents and testing may be required)

Persons 62 Years of Age or Older

To be eligible for the Senior Citizen Tuition Waiver, the applicant:

1. Must be residents of Georgia and upon reaching the age of 62 or older, the student must petition for the Senior Citizen Tuition Waiver. A valid Georgia driver’s license or birth certificate as well as a waiver application must be presented to the Office of Enrollment Services prior to the first day of classes for the term which the student seeks to petition for a Senior Citizen Tuition Waiver. If the petition is granted, reclassification will not be retroactive to prior semesters.

2. May enroll as a regular or auditing student in courses offered for resident credit on a ‘space available’ basis, starting the first day of class, without payment of fees, except for supplies, laboratory or shop fees.

3. Shall meet all System and institutional admission requirements. In exceptional cases where circumstances indicate that high school graduation and minimum test scores are inappropriate, the applicant shall take the COMPASS Examination or equivalent to determine whether or not participation in Learning Support will be required before enrolling in regular credit courses. Reasonable prerequisites may be required in certain courses.

4. Meet all System, institution and legislated degree requirements if seeking a degree.

A person 62 years of age or older will be considered for admission when the following have been received:

- Admission Application
- $30 Application Fee
International Students

An International student is an applicant seeking an I-20, DS-2019 for the purpose of obtaining a Student Visa. This school is authorized under Federal law to enroll non-immigrant students.

International applicants should complete the admissions process at least 60 days prior to the beginning of the term for which the application is made. Applicants must allow for overseas mailing, immigration issues, and evaluation of credentials. An applicant cannot be considered for admission until the DSC International Admission unit receives the following documents:


2. Certificate of Immunization: Submit a properly executed University System of Georgia Certificate of Immunization form.

3. Proof of financial resources: This will show how the applicant intends to pay expenses while in attendance at Dalton State College. The applicant must submit a current bank statement certifying he/she has financial resources equivalent to a minimum of $25,000 in U.S. funds available for the first year of study at Dalton State College. (If applicant is being sponsored by family or friends, the sponsor should submit a current bank statement and complete the I-134 (Affidavit of Support) form. To obtain this form and instructions, please visit the website at [www.uscis.gov under Immigration Forms.](https://www.uscis.gov/))

4. Proof of English Proficiency: All non-native speakers of English must prove English proficiency by providing one of the following six items:

   * Test of English as a Foreign Language (TOEFL) official score report with a minimum score of 523 on the paper based TOEFL or 193 on the computer based TOEFL, or 69 on the Internet-based TOEFL. Scores must be official and must be dated within two years of intended date of enrollment.
   * Scholastic Aptitude Test (SAT) scores with a minimum score of 450 critical reading and 450 writing; or American College Testing Program (ACT) scores with a minimum of 19 English [DSC Academic Affairs Handbook; section 3.01-3.12] * Official IELTS score report with an average minimum score of 6. To request IELTS scores, applicants must contact the IELTS Testing Center where they took the exam. The IELTS website is [http://www.ielts.org](http://www.ielts.org). * Four units of Required High School Curriculum or College Prep English from an accredited U.S. High school.
   * Proof of 30 semester (or 45 quarter) transferable hours with a 2.5 GPA including the equivalents of English 1101 and 1102 (or ENG 101/102) from an accredited U.S. college or university.
   * Proof of a bachelor’s degree from an accredited U.S. college or university.

5. A copy of the applicant’s Scholastic Aptitude Test (SAT): The registration booklet for the SAT-I may be ordered from College Board ATP; AN6200, Princeton, NJ 08451-6200 USA. Be sure to specify that you need the “international edition.” NOTE: The SAT is required for all students except those transferring in 30 hours of degree-level core credits from a regionally accredited U.S. college or university.

6. School Records: Have transcripts from high school and/or all colleges or universities attended sent directly to Dalton State and have all original, official transcripts evaluated and translated by an external reputable credentials evaluator. (See approved list of evaluators listed below.) Note: Evaluation /translation is not necessary for schools located in the U.S. High school transcripts must be evaluated ‘by the document’ and college transcripts must be evaluated ‘course-by-course.’ The evaluation process can take 2-6 weeks and there will be a cost involved. Remember, the transcripts sent to a credentials evaluator are in addition to transcripts that must be sent to our office. Please note that it is the responsibility of the applicant to contact and communicate with the evaluator.

Academic Credential Evaluation Institute, Inc.
P.O. Box 6908
Beverly Hills, CA 90212
Tel: 310-275-3530
Fax: 310-275-3528
Website: [http://www.acei1.com](http://www.acei1.com)

Education Credential Evaluators, Inc.
P.O. Box 514070
Milwaukee, WI 53203-3470
Tel: 414-289-3400
Fax: 414-289-3411
e-mail: eval@ece.org
Website: [http://www.ece.org](http://www.ece.org)

International Education Consultants
P.O. Box 248233
Coral Gables, FL 33124
Tel: (305) 273-1616
Fax: (305) 305-1338
e-mail: info@jsilny.com
Website: [http://www.jsilny.com](http://www.jsilny.com)

International Education Research Foundation Inc.
P.O. Box 3665
Culver City, CA 90231
Tel: 310-258-9451
Fax: 310-342-7086
e-mail: info@ierf.org
Website: [http://www.ierf.org](http://www.ierf.org)

World Education Services, Inc.
P.O. Box 5087
Bowling Green Station
New York, NY 10274-5087
Tel: 212-966-6311 or 800-937-3895
Fax: 212-966-6395
e-mail: info@wes.org
Website: [http://www.wes.org](http://www.wes.org)

Lisano International
P.O. Box 407
7. **Students Transferring from Other U. S. Institutions**: Upon your official acceptance, you will be issued an I-20 by the DSC International Student Enrollment Unit to complete your transfer.

8. **All International Students MUST contact DSC International Student Enrollment Unit upon arrival in the United States.** Students must be prepared to take the ACCUPLACER exam (if applicable), present visa indicating F-1 status and I-94, and provide a US address before being eligible to register.

To be classified as an “International Student,” applicants must be eligible for an F-1 Visa. Dalton State College will not issue an I-20 until all of the admissions requirements are met and all requirements for the I-20 are met.

1. **Mandatory Undergraduate Student Insurance Program**: International students holding “F” visas are required to purchase the USG Student Health Insurance Plan (USG-SHIP). Dependents of Covered Students are also eligible for coverage under this plan. Insurance premium will appear on the Covered Student’s tuition bill unless he or she shows proof of other insurance and waives coverage under this plan. The policy is Non-Renewable One-Year Term Insurance. It is the Covered Student’s responsibility to obtain coverage the following year in order to maintain continuity of coverage. For more information, visit http://www.studentinsurance.com

2. **Dalton State College Housing**: Official Acceptance is required to apply for on-campus housing. More information about on-campus housing and the application can be found at: http://www.daltonstate.edu/residential-life/index.html

3. **ESL Programs**: Attendance to Dalton State College requires English proficiency. ESL Programs are not available to International Students.

4. **Eligible Programs of Study**: International Students can enroll in 2-year Transfer Degrees programs or 4-year bachelor degrees only. Certificates and Mini-Certificates are not available to International Students. See the complete list of programs at http://www.daltonstate.edu/academics/majors-and-programs.html

For more information, please request an international student application packet from DSC International Student Enrollment Unit.
EXPENSES

Tuition and Fees

Tuition and other fees are authorized and updated periodically by the Board of Regents of the University System of Georgia and are payable and due at the time of registration each term.

All fees are due and payable upon registration. Registration is finalized and complete when all tuition and fees are paid for the specific term, including parts of term within the full term. Payment of fees may not be deferred. Failure to pay for any class during any term or part of term could result in cancellation of all classes. Payment by Cash, Check, Credit Card, web check/credit card and/or pre-approved financial aid is accepted. For all online payments, please visit www.daltonstate.edu (http://www.daltonstate.edu).

Students who have financial aid will have their aid applied directly to their student account. This will be done periodically throughout the term as student’s aid is approved and as verification of attendance is completed. Refunds will be disbursed to BankMobile throughout the semester as financial aid is processed.

To find out more information about BankMobile and the refund process, please visit the Office of the Bursar’s website at https://www.daltonstate.edu/about/bursar-overview.cms. (https://www.daltonstate.edu/about/bursar-overview.cms.Beginning/)

Beginning Fall 2009, all MasterCard, Discover, Visa and American Express transactions will be processed through CashNet; A convenience fee equaling 2.9% of your total transaction, with a minimum charge of $1.00, will be assessed by CashNet and added to the amount charged to your card. (For example, a $1,000 payment to DSC via credit card would result in a $1,029.00 charge to your credit card.) Web check payment will continue to be an option available to you at no additional charge. The only forms of payment accepted in the Bursar’s Office will be cash, check or money order. This applies to payments submitted in person or via postal services. Access will be provided for anyone visiting the Bursar’s Office wishing to make an online payment through CashNet.

When using pre-approved financial aid as a payment method, please note that submission of a fee statement will consider the financial aid student registered. Therefore, the financial aid recipient now has an obligation to follow all procedures to either complete payment or formally withdraw. The effective date of withdrawal may indicate a financial obligation is due Dalton State College, which may require payment with funds other than financial aid. If such instance should occur and the remaining balance remains unpaid for more than 120 days, a third party collection agency may be used and the debtor could be obligated to pay not only all unpaid tuition/fee charges and associated expenses incurred by registering, but also any late payment fees. The debtor could also be held responsible to reimburse Dalton State College the fees of any collection agency, which may be based on a percentage at a maximum of 33.3% of the debt, and all costs and expenses, including reasonable attorney’s fees, we incur in such collection efforts. In addition, if an account is referred to an outside collection agency, balances due to Dalton State College will be reported to all three credit bureaus.

Auditing: Students auditing classes register and pay as detailed in the fee schedule.

Twelve Hours constitutes a full load per Regents and Financial Aid requirements.

Cost of Books and Supplies

The cost varies depending on the classes and whether new or used books are purchased. These costs vary from $75.00 to $600.00 per term.

Dalton State Refund Process

Beginning in fall of 2016, all students will receive a Refund Selection Kit from BankMobile. Your packet will arrive in the mail at your primary address on file with Dalton State College. Students will be prompted to visit Refundselection.com and asked to enter their personal code and then select their refund preference from the following options:

1. Electronic Deposit to another account.
2. Electronic Deposit to a BankMobile Vibe account.
3. Paper check delivered by USPS.

Electronic Deposit to another Account

Funds are transferred to your bank of choice the same day that BankMobile receives the funds. Typically, banking institutions will credit your account within 2 business days.

Electronic Deposit to a BankMobile Vibe Account

Funds are deposited to your account the same day that BankMobile receives the funds.

Paper Check delivered by USPS

BankMobile will mail a check the same business day that they receive the funds. It can take 5-7 business days for the check to arrive depending on USPS.

If the student chooses electronic deposit to a BankMobile Vibe account they will receive an internet-only, non-interest bearing checking account. The account has no monthly fees for students, no NSF fees, access to 55,000 Allpoint ATM’s, bill pay, mobile check deposit and more.

Students entitled to a refund will receive an e-mail notifying them that their refund has been sent via the method of their preference. For more information about the Dalton State refund process, visit: https://bankmobilevibe.com

Or if you prefer, contact the Bursar’s Office at 706-272-4435.

Bursar’s Office Location and Office Hours

The Bursar’s Office is located in the Westcott building and is open Monday-Thursday 8:00am-6:00 pm and Friday 8:00am-12:00pm.

Fee Schedule: Fall Semester 2019 - Summer Semester 2020

Dalton State On-Campus Courses.

In-State Tuition: As detailed in the fee schedule.
Student Activity and Technology Fee: As detailed in the fee schedule.
Out-of-State Tuition: As detailed in the fee schedule.
### In-State Tuition

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### Dalton State On-line Courses

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<td>200.00</td>
<td>48.00</td>
<td>2315.00</td>
</tr>
<tr>
<td>14</td>
<td>2226.00</td>
<td>200.00</td>
<td>48.00</td>
<td>2474.00</td>
</tr>
<tr>
<td>15</td>
<td>2385.00</td>
<td>200.00</td>
<td>48.00</td>
<td>2633.00</td>
</tr>
</tbody>
</table>

There is no cap on hours charged for E-Core classes.

### E-Major Tuition

<table>
<thead>
<tr>
<th>Hours</th>
<th>Tuition**</th>
<th>Institutional Fee**</th>
<th>Technology Fee</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>199.00</td>
<td>100.00</td>
<td>48.00</td>
<td>347.00</td>
</tr>
<tr>
<td>2</td>
<td>398.00</td>
<td>100.00</td>
<td>48.00</td>
<td>546.00</td>
</tr>
<tr>
<td>3</td>
<td>597.00</td>
<td>100.00</td>
<td>48.00</td>
<td>745.00</td>
</tr>
<tr>
<td>4</td>
<td>796.00</td>
<td>100.00</td>
<td>48.00</td>
<td>944.00</td>
</tr>
<tr>
<td>5</td>
<td>995.00</td>
<td>200.00</td>
<td>48.00</td>
<td>1243.00</td>
</tr>
<tr>
<td>6</td>
<td>1194.00</td>
<td>200.00</td>
<td>48.00</td>
<td>1442.00</td>
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<td>7</td>
<td>1393.00</td>
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<td>48.00</td>
<td>1641.00</td>
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<td>1592.00</td>
<td>200.00</td>
<td>48.00</td>
<td>1840.00</td>
</tr>
<tr>
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<td>1791.00</td>
<td>200.00</td>
<td>48.00</td>
<td>2039.00</td>
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<tr>
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<td>1990.00</td>
<td>200.00</td>
<td>48.00</td>
<td>2238.00</td>
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<td>11</td>
<td>2189.00</td>
<td>200.00</td>
<td>48.00</td>
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<td>200.00</td>
<td>48.00</td>
<td>2636.00</td>
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<td>2587.00</td>
<td>200.00</td>
<td>48.00</td>
<td>2835.00</td>
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<td>48.00</td>
<td>3034.00</td>
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<td>15</td>
<td>2985.00</td>
<td>200.00</td>
<td>48.00</td>
<td>3233.00</td>
</tr>
</tbody>
</table>

* There is no cap on hours charged for E-Major classes.

** If taking Dalton State Online classes and on-campus classes, the flat fees are only charged one time.

* There is no cap on hours charged for Dalton State Online classes.
**If taking e-Major and on-campus classes, the flat fees are only charged one time.**

**NelNet**

Dalton State College is aware of the financial burden of earning a college education. In an effort to offer an alternative payment option, Dalton State College has partnered with Nelnet Business Solutions to offer our students and families a Tuition Payment Plan. This plan will allow students and families to avoid the traditional lump-sum payments and spread this payment evenly for up to five months for each semester.

The Nelnet Payment Plan option permits students and families to budget costs for tuition, fees, as well as room and board that may not be covered by other financial aid. The program is not a loan, so there are no interest or finance charges, and there is no credit check. The cost to enroll varies depending on the date you sign up for the payment plan (lower enrollment fees for early sign-up, slightly higher fees for later sign-up) and monthly payments can be made from an automatic bank account draft or charged to a credit card.

NelNet Payment Plan enrollment dates vary year to year and are communicated to students via email as well as displayed on our website each semester. Please visit the website at http://www.daltonstate.edu/about/nelnet.cms for enrollment dates.

If you have any questions, please contact the Bursar’s Office at 706-272-4435 or by email at bursaroffice@daltonstate.edu.

**Return of Title IV Funds Policy for Students Receiving Federal Financial Aid at Dalton State College**


When a student withdraws during a period of enrollment in which he/she has begun attendance and has received federal Title IV financial aid, Dalton State College is required to determine the amount of earned and unearned Title IV aid. A student is eligible to retain the percentage of Title IV aid disbursed or that could have been disbursed that is equal to the percentage of the enrollment period completed by the student (calculated daily). Scheduled breaks of 5 or more consecutive days are excluded. The unearned Title IV aid must be returned to the appropriate federal aid program(s). If the student has completed more than 60% of the enrollment period, no Title IV aid needs to be returned.

**Repayment Due to Federal Aid Programs**

The following steps are followed when determining the amount of Title IV aid to be returned upon the student’s withdrawal:

1. Determine institutional charges and the amount of Title IV (federal aid) disbursed to the student for the semester. Institutional charges include tuition, fees, bookstore and housing charges (Mashburn Hall).
2. Determine the percentage of the enrollment period completed by the student. Divide the number of days attended by the number of days in the enrollment period (excluding scheduled breaks of five or more...
consecutive days). If the calculated percentage exceeds 60%, then the student has earned all the Title IV aid for the enrollment period.

3. **Calculate the amount of earned and unearned Title IV aid** based on the percentage of the enrollment period attended by the student. Returns to State aid are also calculated using Federal Title IV refund policy.

4. **Return of Title IV funds by the institution and the student.** Dalton State College will return unearned Title IV aid up to an amount that is equal to the total allowable institutional charges for the payment period multiplied by the percentage of the Title IV aid that was unearned. The student will be responsible for the balance of unearned Title IV aid. In most cases this will be the amount of federal funds a student received in the form of a refund for non-institutional expenses multiplied by the percentage of Title IV aid that was unearned. If the student’s portion of unearned aid to be returned is from a grant, Dalton State College invoices the student for his/her unearned portion. The student must repay this amount within 45 days of notification. If he/she doesn’t, the overpayment owed will be referred to the United States Department of Education for collection, and the student will forfeit future eligibility for Title IV or Georgia State financial aid. At this point, the student must work with the Department of Education to resolve the overpayment.

Dalton State will return unearned Title IV funds to federal programs in the following order:

- Federal Unsubsidized Stafford Loan
- Federal Subsidized Stafford Loan
- Federal PLUS Loan
- Federal Pell Grant
- Academic Competitiveness Grant
- National SMART Grant
- Federal SEOG Grant

The following is an example of Return of Title IV Funds calculation for a Dalton State College student:

**Institutional Charges**

<table>
<thead>
<tr>
<th>Fees/Charges</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>Bookstore Charges</td>
<td>$450.00</td>
</tr>
<tr>
<td>Housing Charges</td>
<td>$1,975.00</td>
</tr>
<tr>
<td><strong>Total Charges</strong></td>
<td><strong>$3,625.00</strong></td>
</tr>
</tbody>
</table>

**Title IV Aid Disbursed**

<table>
<thead>
<tr>
<th>Fees/Charges</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Pell Grant</td>
<td>$2,675.00</td>
</tr>
</tbody>
</table>

**State Aid Disbursed**

<table>
<thead>
<tr>
<th>Fees/Charges</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOPE Scholarship - tuition &amp; fees</td>
<td>$1,059.00</td>
</tr>
</tbody>
</table>

The student withdrew on the 12th day of a 120-day semester (enrollment period); the earned and unearned portions of Title IV aid are calculated as follows:

<table>
<thead>
<tr>
<th>Percent Earned</th>
<th>Percent Unearned</th>
<th>Amount of unearned Title IV aid</th>
<th>Title IV aid</th>
<th>Amount of unearned State aid Hope Scholarship tuition and fee portion</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 / 120</td>
<td>100% - 10%</td>
<td>$2,407.50</td>
<td>Federal Pell Grant</td>
<td>$2,407.50</td>
</tr>
<tr>
<td>$2,675 x 90%</td>
<td>$1,059 x 90%</td>
<td>$2,407.50</td>
<td>$953.10</td>
<td>Dalton State College is responsible for returning the lesser of unearned Title IV aid ($2,407.50 from above) and unearned tuition, fees, books and institutional housing charges ($3,625 x 90% = $3,262.50)</td>
</tr>
</tbody>
</table>

DSC will return $2,407.50 to the Federal Pell Grant program.

Calculation to determine if the student owes money to federal grant programs:

1. Subtract Stafford Loans received for the term from the total unearned federal aid figure
   
   $2,407.50 - $0 (no Stafford Loans) = $2,407.50 in unearned federal grant aid
2. Subtract unearned federal grant aid from the amount the college is returning to federal grant programs to determine the amount the student must repay to federal grant programs:
   
   $2,407.50 - $2,407.50 = $0

**Repayment to Georgia aid programs**

Georgia regulations require state aid recipients (including all state scholarships and grants) who also receive federal aid to repay unearned state aid when they withdraw from classes. The student owes the following back to the state Scholarship program:

$1,059 (HOPE Scholarship tuition and fee portion) x 90% = $953.10 due to State of Georgia

State aid repayments are made to Dalton State College; the College then returns the funds to the state agency on the student’s behalf. No additional Georgia financial aid may be received until this repayment is made in full to Dalton State College and the state database is cleared of the Hope overpayments.

**Repayment to Dalton State College**

1. Financial aid students who withdraw must repay Dalton State College the difference between the amount Dalton State returns to Title IV programs and the tuition refund generated by their withdrawal. In the example above, the student’s tuition refund is:

   $1,200 x 90% (percentage of term attend not attended) = $1,080

2. Amount returned to aid programs by Dalton State = $2,407.50 from above

   Amount student must repay Dalton State:
   
   $2,407.50 - $1,080.00 tuition refund = $1,327.50 due Dalton State College

Any refund from institutional charges will be applied toward this repayment. Repayment may be required with funds other than financial aid. If this occurs and the bill remains unpaid for more than 120 days, a third party collection agency will be used and the debtor will also become liable for any collection costs associated with the collection of any amount not paid up to 33.3%. Additionally, if accounts are referred to an outside collection agency, balances due to Dalton State College will be reported to all three credit bureaus.
The total the student owes due to withdrawing from classes is:
• Due Georgia aid programs 953.10
• Due Dalton State College 2,407.50*
• Total $3,360.60*

*This amount due is prior to any refund from institutional housing for the student in this example.

For further information and other examples of the Return of Title IV policy, please contact the Office of Student Financial Aid and Veteran Services at (706) 272-4545.

It is strongly recommended that any student receiving financial aid who is contemplating withdrawing from the college first contact the Office of Student Financial Aid to determine the financial impact of that decision.

Policy for Classification of Students for Tuition

Policy for Classification of Students for Tuition Purposes and Out-of-State Waivers

Each University System school shall verify the lawful presence in the United States of every student applying for in-state tuition. Only those students verified to be lawfully present in the United States and meet Georgia domicile requirements per Policy 4.3.2, may be classified as in-state. Methods for verifying lawful presence are listed below. Student may provide copy of one of the following:

• A Certified U.S. Birth Certificate showing the student was born in the U.S. or a U.S. territory. A photocopy is not acceptable. The original document must be presented and copy will be made in the Office of Enrollment Services.
• A U.S. Certificate of Naturalization (USCIS form N#550 or N#570).
• A U.S. Certificate of Citizenship (USCIS form N#560 or N#561).
• A U.S. Certificate of Birth Abroad issued by the Department of State (DS#1350) or a Consular Report of Birth Abroad (FS#240).
• A current U.S. Passport.
• A current Driver’s License issued by the State of Georgia after January 1, 2008.
• A current ID issued by the State of Georgia after January 1, 2008.
• A current military ID (service member only, not dependent) Documented using the Confirmation of Review of Military ID Worksheet. A photocopy is not acceptable.
• A current, valid Permanent Resident Card (USCIS form I#151 or I#551

The following rules are adopted by the University System of Georgia for determining residency for tuition purposes and are subject to periodic change by Board action.

United States Citizen Students

Independent Student An individual who is not claimed as a dependent on the federal or state income tax returns of a parent or United States court appointed legal guardian and whose parent or guardian has ceased to provide support and rights to that individual’s care, custody and earnings.

• An independent student who has established and maintained a domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term shall be classified as “in-state” for tuition purposes.
• No student shall gain or acquire in-state classification while attending any postsecondary educational institution in this state without clear evidence of having established domicile in Georgia for purposes other than attending a postsecondary educational institution in this state.

Dependent Student An individual under the age of 24 who receives financial support from a parent or United States court appointed legal guardian.

• A dependent student shall be classified as in-state for tuition purposes if such dependent student’s parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and (a) the student has graduated from a Georgia high school; or (b) the parent claimed the student as a dependent on the parent’s most recent federal or state income tax return.
• A dependent student shall be classified as in-state for tuition purposes if such student’s United States court appointed legal guardian has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term, provided that such appointment was not made to avoid payment of out-of-state tuition and the U.S. court-appointed legal guardian can provide clear evidence of having established and maintained domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term.

If the parent or United States court appointed legal guardian of a dependent student currently classified as in-state for tuition purposes establishes domicile outside of the State of Georgia after having established and maintained domicile in the State of Georgia, such student may retain his or her in-state tuition classification as long as such student remains continuously enrolled in a public postsecondary educational institution in this state, regardless of the domicile of the such student’s parent or United States court-appointed legal guardian.

Noncitizens

A noncitizen student shall not be classified as in-state for tuition purposes unless the student is legally in this state and there is evidence to warrant consideration of in-state classification as determined by the Board of Regents. Lawful permanent residents, refugees, asylees, or other eligible noncitizens as defined by federal Title IV regulations may be extended the same consideration as citizens of the United States in determining whether they qualify for in-state classification. International students who reside in the United States under nonimmigrant status conditioned at least in part upon intent not to abandon a foreign domicile shall not be eligible for in-state classification.

Financially Self-Sustaining Income Students

To establish financial self-sustaining income status, an independent student must meet the Department of Health and Human Services (HHS) Poverty Guidelines stated below. Most recent year's income tax returns may be submitted to substantiate financial self-sufficiency status. If income is less than poverty guideline amounts, student must provide supporting documentation of the other sources(s) of financial assistance.

Examples:
• A student earning less than $10,000 a year but living with his/her grandmother who does not charge rent or utilities may be considered for in-state classification provided he/she provides documentation of the support, as well as other documentation demonstrating that domicile in Georgia has been maintained for at least 12 consecutive months immediately preceding the first day of classes. As with all cases, in this example it would be important to consider the student’s reason for coming to the state, whether domicile has been established and whether the student was claimed as a dependent on his or her parent’s non-Georgia taxes.

• A student filing a Georgia income tax return showing an income of $1,500 for the last reported year does not earn an income sufficient to be considered self-sufficient. The student is probably receiving financial support and the source of the support must be considered.

### Current HHS Poverty Guidelines

<table>
<thead>
<tr>
<th>Persons in Family or Household</th>
<th>48 Contiguous States and D.C.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$10,890</td>
</tr>
<tr>
<td>2</td>
<td>14,710</td>
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<tr>
<td>3</td>
<td>18,530</td>
</tr>
<tr>
<td>4</td>
<td>22,350</td>
</tr>
<tr>
<td>5</td>
<td>26,170</td>
</tr>
<tr>
<td>6</td>
<td>29,990</td>
</tr>
<tr>
<td>7</td>
<td>33,810</td>
</tr>
<tr>
<td>8</td>
<td>37,630</td>
</tr>
<tr>
<td>For each additional person</td>
<td>3,820</td>
</tr>
</tbody>
</table>

### Out-of-State Tuition Waivers

Under certain conditions a nonresident of Georgia may be granted an out-of-state tuition differential waiver for in-state tuition. Qualifying students must be able to provide proof of lawful presence in the U.S. Waivers are as follows:

1. Academic Common Market. Students selected to participate in a program offered through the Academic Common Market. Student must meet residency requirements as determined by the state of their home institution in order to participate.

2. Presidential Waiver. There are three categories of Presidential waivers; Academic, International and Athletic. Athletic waivers are limited to 1/3 of the total number of waivers. Institutions will have until Fall 2018 to accomplish this. The number of waivers will be determined as 2% of the previous Fall semester’s enrollment. Students who are currently receiving a SOOS or International Waiver will continue to be eligible as long as they remain continuously enrolled and continue to meet the eligibility requirements under which they were awarded. Students who do not maintain continuous enrollment will be reevaluated under the new standards. Students who are eligible for more than one category must choose which category they are applying for and will remain in that category until their studies at DSC are complete or they become eligible to be classified as legal residents of the state. Applications for Presidential Waivers will not be reviewed for eligibility until the admissions process is complete. Students admitted on a conditional basis (limited admission) are not eligible for a Presidential Waiver. Failure to maintain the specified level of academic performance shall result in the student being placed in a two-semester probationary period for waiver purposes. The student shall be eligible to maintain a waiver during this probationary period but shall be ineligible for the waiver if the student is not able to achieve the specified GPA during the first probationary term or is mathematically unable to meet the required GPA by the end of the probationary period. Academic Category: 3.0 HS GPA from a USG recognized high school program and a minimum 450CR/500M/19ACTE/21ACTM for traditional students. Non-traditional students must exempt learning support requirements. 2.5 transfer GPA and exemption from learning support requirements for students with less than 30 transferable (semester) hours. Transfer students with more than 30 transferable hours must have completed ENGL 1101 or its equivalent and the appropriate Area A Math course. Students who receive the Academic Waiver must maintain a 2.5 GPA. International Category: 3.0 HS GPA or its equivalent for incoming freshmen international students and a minimum 450CR/500M/19ACTE/21ACTM. GPA may be validated by SAT/ACT score. (500CR/500M/21ACTE/21ACTM). Students who receive the International Waiver must maintain a 2.5 GPA. Athletic Category: 2.0 HS GPA or its equivalent. Conditionally admitted students are not eligible for the Athletic Waiver. Students applying for the Athletic waiver must meet all categories of the SAP (Satisfactory Academic Progress) to include Quantitative and Qualitative requirements. Transfer students must have a 2.0 GPA.

3. University System Employees and Dependents. Full-time employees of the University System, their spouses, and their dependent children.

4. Full-Time School Employees. Full-time employees in the public schools of Georgia or Technical College System of Georgia, their spouses, and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver.

5. A copy of the applicant’s Scholastic Aptitude Test (SAT): The registration booklet for the SAT may be ordered from the College Board ATP, AN6200, Princeton NJ 08451-6200 USA. Be sure to specify that you need the ‘international edition.’ NOTE: The SAT is required for traditional students only.

6. Career Consular Officials. Career consular officers, their spouses, and their dependents who are citizens of the foreign nation that their consular office represents, and who are stationed and living in Georgia under orders of their respective governments.

7. Military Personnel. Military personnel, their spouses, and their dependent children stationed in or assigned to Georgia and on active duty. The waiver can be retained by the military personnel, their spouses, and their dependent children if (a) the military sponsor is reassigned outside of Georgia, and the student(s) remain(s) continuously enrolled and the military sponsor remains on children active military status; (b) the military sponsor is reassigned out-of-state and the spouse and dependent children remain in Georgia and the sponsor remains on active military duty; or (c) the active military personnel and their spouse and dependent children who are stationed in a state contiguous to the Georgia border and who live in Georgia.

8. Border County Residents. Residents of Hamilton and Bradley counties in Tennessee. Must be domiciled in the qualifying bordering county for 12 consecutive months prior to the start of classes.

9. Georgia National Guard and U.S. Military Reservists. Active members of the Georgia National Guard, stationed or assigned to Georgia or active members of a unit of the U.S. Military Reserves based in Georgia, and their spouses and their dependent children.

10. Students Enrolled in University System Institutions as Part of Competitive Economic Development Projects. Students who are certified by the Commissioner of the Georgia Department of Economic Development as being part of a competitive economic development project.

11. Students in Georgia-Based Corporations. Students who are employees of Georgia-based corporations or organizations that have
contracted with the Board of Regents through University System institutions to provide out-of-state tuition differential waivers.


13. **International and Domestic Exchange Programs.** Any student who enrolls in a University System institution as a participant in an international or domestic direct exchange program that provides reciprocal benefits to University System students.

14. **Economic Advantage.** As of the first day of classes for the term, an economic advantage waiver may be granted to an independent non-citizen possessing a valid employment-related visa status who can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment. Relocation to the state must be for employment reasons and not for the purpose of enrolling in an institution of higher education. These individuals would be required to show clear evidence of having taken legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Independent non-citizen students may continue to receive this waiver as long as they maintain a valid employment-related visa status and can demonstrate continued efforts to establish U.S. legal permanent residence and legal domicile in the State of Georgia. A dependent non-citizen student who can provide clear evidence that the student's parent, spouse, or U.S. court-appointed legal guardian possesses a valid employment-related visa status and can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment is also eligible to receive this waiver. Relocation to the state must be for employment reasons and not for the purpose of enrolling in an institution of higher education. These individuals must be able to show clear evidence of having taken legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Non-citizen students currently receiving a waiver who are dependents of a parent, spouse or U.S. court-appointed legal guardian possessing a valid employment-related visa status may continue to receive the waiver as long as they can demonstrate that their parent, spouse, or U.S. court-appointed legal guardian is maintaining full-time, self-sustaining employment in Georgia and is continuing efforts to pursue an adjustment of legal domicile in the State of Georgia.

15. **Recently Separated Military Service Personnel.** Members of a uniformed military service of the United States who, within 12 months of separation from such service, enroll in an academic program and demonstrate an intent to become domiciled in Georgia. This waiver may also be granted to their spouses and dependent children. This waiver may be granted for not more than one year.

16. **Vocational Rehabilitation Waiver.** Students enrolled in a University System of Georgia Institution based on a referral by the Vocational Rehabilitation Program of the Georgia Department of Labor.

17. **Non-Resident Student.** As of the first day of classes for the term, a non-resident student can be considered for the waiver under the following conditions:

   a. **Students under the age of 24.**
      - If the parent, or United States court-appointed legal guardian has maintained domicile in Georgia for at least twelve (12) consecutive months and the student can provide clear and legal evidence showing the relationship to the parent or United States court-appointed legal guardian has existed for at least twelve (12) consecutive months immediately preceding the first day of classes for the term. Under Georgia code, legal guardianship must be established prior to the student’s 18th birthday; or
      - If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term.

   b. **Students 24 years of age and older.**
      - If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least twelve (12) consecutive months immediately preceding the first day of classes for the term.

This waiver can remain in effect as long as the student remains continuously enrolled.

If the parent, spouse, or U.S. court-appointed legal guardian of a continuously enrolled nonresident student establishes domicile in another state after having maintained domicile in the State of Georgia for the required period, the nonresident student may continue to receive this waiver as long as the student remains continuously enrolled in a public postsecondary educational institution in the state, regardless of the domicile of the parent, spouse or U.S. court-appointed legal guardian.

Please visit our website at [https://www.daltonstate.edu/admissions/forms.cms](https://www.daltonstate.edu/admissions/forms.cms) for all residency applications and forms.

### Special Fees

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCUPLACER Retest</td>
<td>$30</td>
</tr>
<tr>
<td>Additional Parking Decal</td>
<td>$20</td>
</tr>
<tr>
<td>Application Fee</td>
<td>A $30 non-refundable fee is required for on-line or paper applications.</td>
</tr>
<tr>
<td>Application Fee (International)</td>
<td>$50</td>
</tr>
<tr>
<td>Applied Music Lessons (MUSC 2600)</td>
<td>$500</td>
</tr>
<tr>
<td>Background Check per Year - School of Education</td>
<td>$30</td>
</tr>
<tr>
<td>Cap and Gown Fee</td>
<td>These articles are available through the College Bookstore.</td>
</tr>
<tr>
<td>CLEP Test</td>
<td>A $25 fee for each attempted examination.</td>
</tr>
<tr>
<td>CPR/Health Certification Fee</td>
<td>$27 is charged to each PHED 1005 registrant.</td>
</tr>
<tr>
<td>Credit by Exam Fee</td>
<td>A $50 fee for each attempted examination.</td>
</tr>
<tr>
<td>Distance Learning Independent Study (Proctor) - up to 3 hours</td>
<td>$30</td>
</tr>
<tr>
<td>Distance Learning Independent Study (Proctor) up to 5 hours</td>
<td>$60</td>
</tr>
<tr>
<td>eCore Testing</td>
<td>$25</td>
</tr>
<tr>
<td>EDTTPA (School of Education - Last Semester of Senior Year)</td>
<td>$300</td>
</tr>
<tr>
<td>Ethics Assessment - One Time Fee - School of Education</td>
<td>$30</td>
</tr>
</tbody>
</table>

Please visit our website at [https://www.daltonstate.edu/admissions/forms.cms](https://www.daltonstate.edu/admissions/forms.cms) for all residency applications and forms.
<table>
<thead>
<tr>
<th>Item</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETS Major Field Exam (MNGT 4701)</td>
<td>$25</td>
</tr>
<tr>
<td>GACE Content - Before Graduation</td>
<td>$208</td>
</tr>
<tr>
<td>GACE Program Entrance Test</td>
<td>$143</td>
</tr>
<tr>
<td>Graduation/Diploma Fee</td>
<td>A fee of $20 must be submitted to Enrollment Services along with the application for graduation. This is a non-refundable fee.</td>
</tr>
<tr>
<td>Graduation/Diploma Dual Major</td>
<td>$30</td>
</tr>
<tr>
<td>Graduation/Diploma Late Fee</td>
<td>$15, assessed after application due date</td>
</tr>
<tr>
<td>Health Insurance</td>
<td>$2,500 through United Health Care</td>
</tr>
<tr>
<td>Health Occupation Fee (CNA, LPN, Resp Therapy, Rad Tech, MLT, MCA, Phlebotomy)</td>
<td>$25</td>
</tr>
<tr>
<td>Housing Application/Reservation Fee</td>
<td>$200</td>
</tr>
<tr>
<td>Late Graduation Application Fee</td>
<td>$15</td>
</tr>
<tr>
<td>Late Registration Fee</td>
<td>$150</td>
</tr>
<tr>
<td>Liability Insurance (Nursing Degree)</td>
<td>A yearly $15 non-refundable insurance fee is required for students in most medical related programs.</td>
</tr>
<tr>
<td>Liability Insurance - School of Education</td>
<td>$7</td>
</tr>
<tr>
<td>Live Text Fee - One Time - Beginning of Junior Year - School of Education</td>
<td>$130</td>
</tr>
<tr>
<td>LPN Requirement Supplement (1st Semester)</td>
<td>$256</td>
</tr>
<tr>
<td>LPN Requirement Supplement (2nd - 4th Semester)</td>
<td>$226</td>
</tr>
<tr>
<td>Malpractice Insurance, RN</td>
<td>$15</td>
</tr>
<tr>
<td>Nursing Testing Fee (1st semester of the cohort)</td>
<td>$321</td>
</tr>
<tr>
<td>Nursing Testing Fee (2nd to 4th semester of the cohort)</td>
<td>$291</td>
</tr>
<tr>
<td>Orientation Fee</td>
<td>An orientation fee of $40 will be charged to all new students attending DSC.</td>
</tr>
<tr>
<td>Orientation Guests</td>
<td>$10 per guest</td>
</tr>
<tr>
<td>PLA Assessment Fee</td>
<td>1 hour class - $150, 2 hour class - $200, 3 hour class - $250, 4 hour class - $300</td>
</tr>
<tr>
<td>Post Certification Assessment</td>
<td>$200</td>
</tr>
<tr>
<td>Practicum Fee for Bachelor of Social work (BSW - SOWK 4998/4999)</td>
<td>$50</td>
</tr>
<tr>
<td>Professional Development Seminar (School of Business)</td>
<td>$40</td>
</tr>
<tr>
<td>PRSP 1000/1200 Fee</td>
<td>$30</td>
</tr>
<tr>
<td>R-ACT</td>
<td>$65</td>
</tr>
<tr>
<td>Re-admit Application</td>
<td>$30</td>
</tr>
<tr>
<td>Recreation Fee - Summer Usage for non-enrolled students</td>
<td>$20</td>
</tr>
<tr>
<td>Reinstatement Fee</td>
<td>$150 (after drop/add period)</td>
</tr>
<tr>
<td>Respiratory Therapy Test</td>
<td>$45</td>
</tr>
<tr>
<td>Residential Application Fee</td>
<td>$200</td>
</tr>
<tr>
<td>Residential Life: Cleaning Fee</td>
<td>$125</td>
</tr>
<tr>
<td>Residential Life: Housing Contract Cancellation Fee</td>
<td>$500</td>
</tr>
<tr>
<td>Residential Life: Improper Check-Out Fee</td>
<td>$125</td>
</tr>
<tr>
<td>Residential Life: Lockout Fee (Front Desk Closed)</td>
<td>$50</td>
</tr>
<tr>
<td>Residential Life: Lockout Fee (Front Desk Open)</td>
<td>$25</td>
</tr>
<tr>
<td>Residential Life: Lost Key Fee</td>
<td>$125</td>
</tr>
<tr>
<td>Residential Life: Pet Violation Fee</td>
<td>$100</td>
</tr>
<tr>
<td>Residential Life: Smoking Violation Fee (Inside)</td>
<td>$250</td>
</tr>
<tr>
<td>Residential Life: Smoking Violation Fee (Outside)</td>
<td>$50</td>
</tr>
<tr>
<td>Residential Life: Trash Fee</td>
<td>$25</td>
</tr>
<tr>
<td>Residential Life: Winter Break Violation Fee</td>
<td>$500</td>
</tr>
<tr>
<td>Return Check Fee</td>
<td>A $30 fee or 5% of the face amount, whichever is greater, is assessed for each check returned for non-payment. Check cashing privileges may be suspended if two or more checks are returned on an individual or agency and may result in “Cash Only” for future transactions. Checks returned for non-payment could result in withdrawal from school along with processing to legal authorities for collection and the debtor will also become liable for any additional collection cost associated with the collection of any amount not paid.</td>
</tr>
<tr>
<td>Roadrunner Card Replacement Fee</td>
<td>$20</td>
</tr>
<tr>
<td>Science Lab Fee</td>
<td>$40</td>
</tr>
<tr>
<td>Sending Official Compass Scores</td>
<td>$20</td>
</tr>
<tr>
<td>SIMS Test - Respiratory Therapy</td>
<td>$65</td>
</tr>
<tr>
<td>Student Teaching Internship</td>
<td>$100 per semester for a total of four semesters.</td>
</tr>
<tr>
<td>Transcript Fee</td>
<td>$10 charge per official transcript.</td>
</tr>
<tr>
<td>Transcript (Electronic)</td>
<td>$5</td>
</tr>
<tr>
<td>Transcript Fee (RUSH/On Demand)</td>
<td>$25</td>
</tr>
</tbody>
</table>

**Withdrawal and Refund Schedule**

**Refunds for Reduction of Class Loads**

*Financial Aid Students - Consult with Financial Aid prior to dropping classes.*

There are no refunds for course reductions (dropping classes) by the student after the official Drop/Add period.

Refunds result from actions initiated by students. **Official, complete withdrawal from all classes** will result in the refund calculation as detailed below. Tuition refunds may also result from the cancellation of classes by college officials.
Refunds are calculated on hours registered and paid for, and are processed during, but no later than, the end of the term, provided no unusual circumstances have occurred. Students suspended for disciplinary reasons are not entitled to refunds. For assistance, contact your academic advisor, the Office of Enrollment Services, or the Office of the Bursar.

Refunds for withdrawal are processed by executing a Schedule Adjustment Form, indicating withdrawal from all courses.

Refunds before the end of the Drop/Add period.............................................. 100%

The refund amount for students withdrawing from the Institution will be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student completed by the total calendar days in the semester. The total calendar days in a semester includes weekends, but excludes scheduled breaks of five or more days and days that a student was on an approved leave of absence. The unearned portion will be refunded up to the point in time that the amount equals 60%.

Students who withdraw from the Institution when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges.

The refund of tuition and other mandatory fees in the event of the death of a student during the academic session is processed upon notification.

Contract with BankMobile:

To view our institution’s contract with BankMobile, a Division of Customer Bank, click here:
https://www.vibeaccount.com/swc/doc/landing/c4o8qrtx6yu4xh4brmgh
(https://www.vibeaccount.com/swc/doc/landing/c4o8qrtx6yu4xh4brmgh/)
FINANCIAL AID

The primary purpose of the Office of Student Financial Aid and Veteran Services is to provide financial assistance to qualified and eligible students attending Dalton State College. The family and student are expected to make a maximum effort to assist with college expenses. Financial assistance received from Dalton State College and other sources is viewed as supplementary to the efforts of the family and the student.

Dalton State College uses the need analysis system provided by the U.S. Department of Education to determine a student's ability to pay for educationally related expenses. Financial aid at Dalton State College consists of scholarships, grants, campus employment and loans. Our office also certifies eligibility for veteran benefits. Details are included at the end of this section.

Who Can Receive Federal and State Financial Aid?
United States citizens or eligible non-citizens who meet the following conditions:

- Satisfactory Academic Progress for financial aid.
- Have no defaulted student loans or refunds due to federal or state grant programs.
- Have registered for Selective Service by age 18 (males).
- Have not been convicted of drug offenses while receiving federal financial aid.
- Students in mini-certificate programs of fewer than 16 hours do not qualify for federal aid.

May I Receive Aid as a Transient Student?
Students who enroll as transient at Dalton State College:

- Students must receive permission from the Registrar's Office in order to enroll as transient students.
- HOPE-eligible students must ask their home school's financial aid office to send a HOPE Eligibility Certificate for Transient Study to the Dalton State College Financial Aid Office.
- To receive federal aid based on transient hours at Dalton State College – students must check with their home school's financial aid office to see if they participate in consortium agreements. If they do, the home school's financial aid office must send a consortium agreement to the Dalton State College Financial Aid Office. Any additional federal funds will be distributed through the home institution to the student.
- Students are responsible for ensuring that tuition and fees are paid by the payment deadline. Some students are required to pay up front and wait for reimbursement from their home schools.

Students who are transient from Dalton State College:

- Transient coursework must first be approved through the Dalton State College Enrollment Services Office.
- HOPE-eligible students must inform the Dalton State College Financial Aid Office so that a HOPE Eligibility Certificate for Transient Study may be sent to the host school. Subsequent HOPE awards cannot be made at Dalton State College until an official transcript is received from the host institution.

To receive federal aid based on transient hours – the student must complete a consortium agreement in the Dalton State College Financial Aid Office. If the Dalton State College Registrar approves the transient hours, our office will send a consortium agreement to the host institution. If the host institution agrees to participate in the consortium agreement, aid eligibility will be determined after the completed and signed consortium agreement is received, and any additional federal funds will be distributed by Dalton State College.

How Do I Apply for Financial Aid?

1. Apply for admission to Dalton State College and submit academic transcripts from all previous institutions. Apply on-line at www.daltonstate.edu/admission (https://gafutures.xap.com/applications/usg/usg_common_2019/apply.html?application_id=3397). You may complete admissions and financial aid applications at the same time.
2. Apply for Dalton State College Foundation Scholarships. Scholarship details and applications are available at www.daltonstate.edu/scholarships (http:\www.daltonstate.edu/scholarships/).
3. To apply for HOPE and Federal aid (Pell, SEOG, Work-Study, Direct Stafford Loan): Complete the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA on-line at www.fafsa.gov (http://www.fafsa.gov) by the priority deadlines listed below. Dalton State College's school code is 003956. The FAFSA is your application for federal and state grant and scholarship programs, including the HOPE program, and is your initial application for student loan and work programs. **FAFSA applications must be completed each academic year.**

Some FAFSA applications are selected for review in a process called verification. Students who successfully linked their tax information from the IRS will not be required to submit tax return transcripts. Students who are not successfully able to link their tax information from the IRS will be required to submit a Tax Return Transcript for every person whose income information is listed on the FAFSA. Each student selected for verification must also submit a Verification Worksheet. After initial review, additional supporting documents may be requested. If discrepancies occur between the information on your initial FAFSA and your verification documents, corrections will be submitted electronically to the federal processor. The verification process must be complete in order to receive federal aid.

4. To apply ONLY for HOPE Scholarship or Grant: Go to https://www.gafutures.org.
5. Review of your financial aid application will normally take place within four to six weeks after your financial aid file is complete.

Application Deadlines

Financial aid deadlines for each term are listed below. You should start the application process early enough to allow ample time for processing. We suggest a minimum of four weeks before the deadline for the semester in which you wish to enroll. If your financial aid file is not complete by this date, be prepared to pay for tuition, fees and books.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Priority Application Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2020</td>
<td>May 1, 2020</td>
</tr>
<tr>
<td>Spring 2021</td>
<td>November 1, 2020</td>
</tr>
<tr>
<td>Summer 2021</td>
<td>April 1, 2021</td>
</tr>
</tbody>
</table>

The Office of Student Financial Aid will continue to process all applications received after the deadline dates listed above, in the order...
they are received. Application and all supporting document requirements must be received before the last day of class for the term in which the student is seeking aid.

**Financial Aid Programs**

**Dalton State College Foundation Scholarships**

The Dalton State College Foundation offers scholarships each year for new and returning students who demonstrate academic excellence and/or financial need, including scholarships for study abroad. Scholarship details and applications are available at www.daltonstate.edu/scholarships. The scholarships are awarded for Fall and Spring semesters and generally require full-time enrollment. Financial need is a factor for some Foundation Scholarships.

**HOPE Scholarship and HOPE Grant**

The Georgia HOPE program (Helping Outstanding Pupils Educationally) is funded by the Georgia Lottery for Education. To qualify for HOPE, students must be Georgia residents for at least twelve months prior to the start of the semester for which they are applying for HOPE. For eligible students, HOPE pays a portion of Dalton State College tuition, but no fees or books. HOPE is awarded at Dalton State College based upon the assumption of full-time enrollment. You do not have to be a full-time student to receive HOPE.

**HOPE Grants** are for Georgia residents enrolled in Certificate or Mini-Certificate programs. The HOPE Grant will only pay for required Certificate and Mini-Certificate classes. The HOPE Grant will not pay for classes in degree programs. The HOPE Grant may be received for a maximum of 63 paid hours (starting with Summer 2003) or 127 combined-paid hours (HOPE Grant, HOPE Scholarship and MOWR), whichever comes first. Students receiving HOPE Grant must maintain a 2.0 GPA at 30 and 60 HOPE Grant paid hours checkpoints in order to maintain eligibility for HOPE Grant. Students who have earned prior bachelor’s degrees do not qualify for HOPE Grant.

**HOPE Scholarships** are for HOPE Scholars who enroll in Dalton State College associate and bachelor’s degree programs. Students who were not HOPE scholars following high school graduation may qualify for the HOPE Scholarship after attempting 30, 60, or 90 college credit hours with a 3.0 HOPE GPA. HOPE Scholarship recipients must have a HOPE GPA of 3.0 at the end of each spring Semester and after 30, 60 and 90 attempted hours in order to maintain their HOPE Scholarship. Students who have earned a prior bachelor’s degree do not qualify for the HOPE Scholarship. In order for the HOPE Scholarship to pay for upper division (level 3000 and 4000) courses, the student must be enrolled in a bachelor’s degree program. The HOPE Scholarship does not pay for Learning Support classes.

**Zell Miller Scholarships** are for students who enroll in Dalton State College associate and bachelor’s degree programs. Zell Miller Scholarship recipients must have a HOPE GPA of 3.3 at the end of each spring Semester and after 30, 60 and 90 attempted hours in order to maintain their Zell Miller Scholarship. Students with attempted credit hours (Dalton State College and prior higher education institutions) or HOPE Scholarship/HOPE Grant/Zell Miller paid hours of 127 hours or more do not qualify for the Zell Miller Scholarship. In order for the Zell Miller Scholarship to pay for upper division (level 3000 and 4000) courses, the student must be enrolled in a bachelor’s degree program. Students may not receive HOPE Scholarship and Zell Miller Scholarship simultaneously. Students who lose Zell Miller Scholarship eligibility at a checkpoint may qualify for the HOPE Scholarship if they have a 3.0 at the checkpoints. Students may lose and regain Zell Miller Scholarship one time. The Zell Miller Scholarship does not pay for Learning Support classes.

Beginning in the fall 2011, any student who has not received HOPE Scholarship payment prior to summer term 2011, and meets all other eligibility requirements for HOPE Scholarship may receive the Zell Miller Scholarship until seven after his or her high school graduation date, GED test date, Home Study program completion date or date the student stopped pursuing a diploma. The seven year period ends on June 30th of the seventh full year following the students’ high school graduation date.

**Zell Miller Grants** are for Georgia residents enrolled in Certificate or Mini-Certificate programs. The Zell Miller Grant will only pay for required Certificate and Mini-Certificate classes. The Zell Miller Grant will not pay for classes in degree programs. The Zell Miller Grant may be received for a maximum of 63 paid hours (starting with Summer 2003) or 127 combined-paid hours (HOPE Grant, HOPE Scholarship, Zell Miller Scholarship, Zell Miller Grant, and ACCEL), whichever comes first. Students receiving Zell Miller Grant must maintain a 3.5 GPA every semester in order to maintain eligibility for Zell Miller Grant. Students who have earned prior bachelor’s degrees do not qualify for Zell Miller Grant.

For more information on the HOPE Scholarship, HOPE Grant, Zell Miller Scholarship, and Zell Miller Grant please visit www.gacollege411.org.

**Federal Pell Grant/Federal SEOG GRANTS**

These grants are awarded to students with exceptional financial need. The Pell Grant amount is determined by the cost of attendance, the Expected Family Contribution calculated by the FAFSA processor, and the student’s enrollment status. Eligibility for the Federal SEOG Grant is based upon Pell Grant eligibility and exceptional financial need. A FAFSA filed by the priority deadline is recommended. SEOG recipients should be enrolled at least half-time. Initial grant offers are based on the enrollment status you report on the FAFSA, and are prorated based on actual class schedule. Federal grants are not available for students with a prior bachelor’s degrees.

**Campus Employment**

Limited jobs are available on campus and work schedules are planned around your class schedule. Wages are paid on a bi-weekly basis directly to the student. Students may work up to 19.5 hours per week at $7.25 per hour. Eligibility is determined by the Office of Student Financial Aid based upon a completed FAFSA and a Campus Employment Application.

Financial need is required for students employed in the Federal Work Study (FWS) program. Complete the FAFSA early, as early applicants with Federal Work Study eligibility will have the first chance to interview for
campus jobs. Estimated FWS earnings are factored into the calculation of eligibility for other aid, such as the Federal Stafford Loan. In addition to work study jobs on campus, Federal Work Study students may participate in community service jobs, with particular emphasis on the America Reads tutoring initiative.

The Dalton State College Campus Work Program is another source of on-campus job opportunities for students. Unlike the Federal Work Study Program, financial need is not a requirement.

To qualify for either work program, students must complete the FAFSA application and must submit a copy of his/her Social Security card and driver’s license.

Student workers are not eligible for unemployment compensation or other employee benefits.

**Student Loans**

Students enrolled at least half-time (6 credit hours) in programs eligible for federal aid may borrow low-interest Student Loans. There are two types of Federal Student Loans:

1. **Subsidized** - for students with financial need. The federal government pays the interest while the student is enrolled at least half-time and during the six-month grace period. The interest rate on the Subsidized Student Loans for the 2019-2020 aid year was set at 4.53%. This rate is subject to change depending on decisions made in the United States Congress.

2. **Unsubsidized** - the student pays the interest while in school and during the six-month grace period, or requests that the interest be added to the balance of the loan. The Unsubsidized Student Loan interest rate was set at 4.53% for the 2019-2020 aid year.

For application instructions and detailed information on the Student Loan program, visit https://www.daltonstate.edu/admissions/apply-for-a-student-loan.cms.

**What Happens If I Drop or Withdraw From Classes or Stop Attending Classes?**

Dropped classes or withdrawals may result in suspension of your financial aid (see policy below). For certain classes, attendance is monitored at the beginning of each term; students who never attend these classes or stop attending will be considered unofficially withdrawn. You may be required to pay back all or a portion of your aid if you withdraw, officially or unofficially, from your classes. If you receive financial aid for classes later dropped, withdrawn, or canceled, you may owe money back to financial aid programs. Repayment may be required with funds other than financial aid. If this occurs and the bill remains unpaid for more than 120 days, a third party collection agency will be used and the debtor will also be liable for any additional collection costs associated with the collection of any amount not paid. Students with loan history will be required to complete Exit Counseling at www.studentloans.gov (http://www.studentloans.gov) prior to withdrawal from classes.

**Dalton State College**

**Satisfactory Academic Progress (SAP) for Financial Aid Recipients**

*Federal regulations, HEA Sec. 484(c), §668.16, 668.34, require all schools participating in Title IV federal financial aid programs to have a Satisfactory Academic Progress (SAP) policy that conforms to the requirements detailed below. These requirements apply to all students as one determinant of eligibility for financial aid.*

- Your SAP status is based on your entire academic record at all schools attended (includes all transferrable and non-transferrable hours), regardless of whether you received financial aid.
- SAP is calculated each semester after grades have been posted to academic history by the Registrar’s Office.
- If after any term of attendance at DSC you are not making SAP, you will be put on a Warning status and allowed to keep aid for one term. Failure to make SAP standards (Course Completion Rate and/or GPA), for two consecutive terms of attendance will result in SAP Failure. Your SAP status is based on your entire academic record, at all schools attended (including all transferrable and non-transferrable hours), regardless of whether you received financial aid. SAP is evaluated after each term of attendance. The exceptions to this policy are timeframe violations, which may have no warning. These circumstances will result in automatic SAP failure.
- Transfer students may be timeframe after the first semester of attendance at DSC. You may receive warning after the midpoint of the semester.
- If your SAP status is Failure after the check is performed, you will not qualify for financial aid for the following term.
- Students may appeal their SAP Failure status only three times during their academic career at DSC and only one time per academic year. Documented mitigating circumstances may allow additional appeals on a case-by-case basis.
- If your appeal is approved and you are on SAP Probation you are placed on an Academic Plan until your anticipated graduation date, or until you are meeting SAP requirements. Academic Plans will be developed individually and based on the area or areas in which you are not meeting SAP requirements currently. If you are below course completion rate or GPA you will need to maintain grades of A, B, C or S. If you make below a C or withdraw from a class during this time, you will be asked to appeal once again to explain why you did not complete the classes successfully. The circumstances mentioned in this appeal MUST be different than the circumstances in your previous appeal.
- If you are on an Academic Plan for a Maximum Timeframe issue, you will only be allowed the number of credit hours that your advisor has signed off on when completing your Graduation Plan. You will need to maintain grades of A, B, C, or S. If you make below a C or withdraw from a class during this time, you will be asked to appeal once again to explain why you did not complete the classes successfully. The circumstances mentioned in this appeal MUST be different than the circumstances in your previous appeal.
- Please be aware that a W will NOT receive any quality points on a transcript.
- You will be notified through email, U.S. mail, or on your Roadrunner Portal of your SAP status and the outcome of any appeal you may submit.

**Quantitative and Qualitative Requirements**

1. **Quantitative Requirement** – The quantitative requirement has two parts:
   - A maximum time frame
   - A required pace of completion ratio

**Maximum time frame** – To determine the maximum time frame, multiply the total hours required for the degree by 150%. As an example if
the program required 33 hrs. x 150% = 50 hours. This includes credits attempted at any school prior to and while enrolled at Dalton State College, including learning support hours and hours that do not apply to your current program of study.

Pace of Completion Ratio – You must complete and pass at least 66.67% of all credit hours you attempted. Courses earned include grades of A, B, C, D, or S. Courses attempted include any course in which grades of A, B, C, D, F, W, WF, I, S, U or IP are given.

Qualitative Requirement – The qualitative requirements sets a minimum Cumulative Grade Point Average for all students. Each student must maintain a cumulative 2.00 GPA to remain in good academic standing at DSC. The cumulative GPA includes grades of A, B, C, D, F, FW, UF, and WF. The cumulative GPA, which is determined by the Registrar’s Office processes, will be checked each term for SAP. This must include all hours taken at DSC and at prior institutions, regardless of transferability or receipt of Financial Aid.

Policy Details

When is SAP determined?

• Initial Review – You are considered to be meeting SAP during your first DSC term.
• End of Every Semester Review: Your SAP status is calculated at the end of each semester, including summer if you are enrolled, after grades are posted to your academic history by the Registrar’s Office.

What happens when you do not meet the requirements?

• You are no longer eligible for financial aid – including work study, loans, grants or scholarships. If you are on a Warning Status – eligibility may continue.
• Because you do not qualify for financial aid, you must pay your tuition and fees by the payment deadline or your registration will be cancelled by the Bursar’s Office. Loss of Financial Aid eligibility does NOT mean you are suspended from Dalton State College.

Maximum Time Frame (maximum attempted credit hours) – When you have attempted the maximum credit hours, you are no longer eligible to receive financial aid.

Is there extended eligibility for a 2nd bachelor’s degree? – Yes. This will be determined on a case by case basis.

How do you regain eligibility?

• SAP Appeal – If extenuating circumstances during a specific term of enrollment prevented you from meeting the requirements, you may file a SAP Appeal.
• Appeal Denials or Non-appeals – If your appeal is denied or you decide not to appeal, you must complete the necessary hours and earn the appropriate grades. Once you have reached the prescribed standards you become eligible to receive financial aid, considering you meet all other requirements.

Appeal Requirements:

• Submit a typewritten explanation of extenuating circumstances associated with Failure Status. Indicate how these circumstances have changed so that you can comply with regulations in the future. Attach supporting documents to corroborate extenuating circumstances mentioned in the letter.

• Please do NOT submit your appeal until you can submit a COMPLETE appeal, including all supporting documents that are relevant to your situation. If you submit an incomplete appeal, your appeal can automatically be denied.
• Include a ‘student plan of action’ for academic improvement.
• Attach at least one letter of support from someone that can substantiate the extenuating circumstances. This individual may not be a family member. Examples would include a medical doctor, clergy, professional, etc. This letter of support should be printed on letterhead if it is not notarized.
• The appeal form must be provided to the Financial Aid Office within the prescribed dates as noted on the SAP Appeal Form. Failure to provide these within the prescribed dates will result in a delayed determination.
• When your complete appeal is received your appeal will be reviewed by a Financial Aid Counselor.
• If your appeal is denied you have the right to ask that it be sent one step further to the Appeals Committee. A group of selected individuals, both inside and outside the Financial Aid Office, determines whether the appeal is approved. The Appeals Committee may ask for an in person interview in certain cases. The decision of the Appeals Committee is final and cannot be appealed further.
• Maximum timeframe appeals and appeals that did not have attached documentation.

Academic Circumstances that Affect Your Status:

• Changes in major, double majors or minors – may cause you to reach your maximum attempted hours and lose your eligibility before earning a degree.
• Missing grades, failing grades, course withdrawals – all reduce your completion ratio, because they are counted as attempted, but not earned credits. They also count against your maximum attempted hours.
• Incomplete grades: Degree hours appearing on a student’s transcript as ‘incomplete,’ and all other situations in which grades are temporarily unavailable (i.e., overlapping terms, late grades, late transcripts from Transient coursework, etc.) must be counted when determining the student’s number of Attempted-Hours, but are not included in the calculation of Quality Points when determining the Postsecondary Cumulative Grade Point Average. Final grades that replace incomplete grades will be calculated at the next SAP checkpoint.
• Repeated courses – count as attempted credit hours each time you register for them. They also count against the allowed maximum. This can also reduce your completion ratio because repeated credits count as earned credits only once. The SAP GPA counts every course attempt.
• Transfer credits, credits taken while cross-registered, enrolled in study abroad, transient study – Are included in the GPA calculation regardless of the letter grade given and count toward your maximum attempted credits and your completion ratio.
• Remedial courses – Are included in the qualitative and quantitative calculation regardless of the letter grade given. Corequisite class grades will count in quantitative and qualitative calculations.
• Late posted grades or grade changes- SAP status will be recalculated at the next SAP checkpoint.
• Dismissal and Return – students who are suspended academically or choose not to attend because of SAP Failure will not be automatically
eligible for financial aid upon their return. Student must meet both qualitative and quantitative standards of SAP. If below standards, a student must appeal or use means other than financial aid for educational expenses. **Absence does not restore eligibility for financial aid.** It remains the responsibility of the student to be knowledgeable of their SAP standard when returning to school after dismissal or choosing not to return because of SAP Failure.

- **Summer Term Courses** – all hours attempted and completed in the summer terms are treated as any other semester hours in determining SAP status. SAP will be checked following the summer term as well.

- **Students pursuing dual bachelor’s degrees** - Students who are pursuing dual degrees are subject to the maximum time frame rules but may be reviewed on a case by case basis by the Office of Student Financial Aid.

The Office of Student Financial Aid reserves the right to review denied appeals, cumulative GPAs and completion rates on a case by case basis. The Department of Education’s regulations are subject to change; therefore, Dalton State College has the right to change our policy to align with the federal policy.
ACADEMIC INFORMATION AND REGULATIONS

Dalton State College (DSC) is a unit of the University System of Georgia (USG) and is governed by the policies of the Board of Regents of the University System. DSC adheres to the academic standards set by the USG, and students of DSC have no difficulty transferring credits to other colleges and universities in the system. Dalton State College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, 1866 Southern Lane, Decatur, Georgia 30033-4097, to award associate and bachelor’s degrees.

Dalton State College operates on the semester system, with each of the academic year semesters extending over a period of approximately sixteen weeks. The basic unit of credit at Dalton State College is the semester hour. This unit normally represents one hour of classroom or direct faculty instruction and a minimum of two hours out-of-class student work each week over the course of a 15-week semester. The number of semester hours of credit awarded for a course is specified in the course description.

ACADEMIC ADVISING

Academic advisors are assigned to each student as they begin their studies at Dalton State College. In addition to course selection and registration, advisors help students adjust to the College experience by explaining College expectations and policies, checking the students’ academic progress, and referring them to available resources.

In most degree programs, once students have exited all required learning support classes and completed a designated number of credit hours, they are assigned to faculty advisors in their majors. Faculty advisors will continue to assist with students’ academic plan with a greater focus on mentoring and specific career paths. In other degree programs, a self-contained model is used, and the advising continues through the advising center.

Recognizing that advising is a shared responsibility, the mission of Academic Advising at Dalton State is to:

• Assist students in make a successful transition to and establish their place in college life.
• Guide student to make well-intentioned and strategic decisions.
• Encourage self-reliant problem solving through self-exploration.
• Maximize personal success in the student’s undergraduate experience.

ACADEMIC HONORS

The Dean’s List, published at the end of each semester, includes the names of students who are in good standing and earn a grade point average of 3.5 or above for 12 or more semester hours of completed course work. Please note that learning support courses are not included in the GPA calculations for the semester.

ACADEMIC PROGRESS

Academic Warning: When a student’s Institutional or current term GPA drops below 2.0, the student’s status is automatically changed from Good Standing to Academic Warning. Students with Academic Warning status are permitted full enrollment privileges but are encouraged to take lighter course loads and to retake classes in their program of study that will improve their Institutional GPA. Students may remain in Academic Warning as long as their previous term’s GPA is at least 2.0, however, students who are in exceptional academic difficulty (term GPA below 1.0) will have their status changed from Good Standing to Academic Probation.

Academic Probation: Students in Academic Warning status who do not earn a 2.0 or higher term grade point average will have their status changed to Academic Probation. As stated above, students who are in exceptional academic difficulty (term GPA below 1.0) will have their status changed from Good Standing to Academic Probation. Students with Academic Probation status cannot enroll for more than 9 credit hours or take classes using non-traditional course delivery methods (e.g., hybrid or online) unless they have previously been successful with these delivery modes. In addition to retaking classes in their program of study that will improve their Institutional GPA, students must be registered by their academic advisor. Previously registered students will need to have schedule adjustments made. Students may remain in Academic Probation as long as their previous term’s GPA is at least a 2.0. Students will be reinstated to Good Standing when they achieve an Institutional GPA of 2.0 or greater.

Academic Suspension: Students in Academic Probation status who do not earn a 2.0 or higher GPA in their most recent semester of enrollment will have their status changed to Academic Suspension. Students on Academic Suspension cannot enroll for the subsequent Fall or Spring semester. To initiate an appeal of an academic suspension, the student must complete an Academic Suspension Appeal Form. Click here to access the form. The Office of Academic Affairs will review the appeal and email the student with a decision.

Academic Dismissal: Upon readmission to the College, the student will be subject to the requirements of Academic Probation status. If the student does not earn a 2.0 or higher term GPA, the student will be placed on Academic Dismissal. The student cannot enroll for one calendar year. The student will need to be readmitted through the Admissions office. Once readmitted to the College, the student will be subject to the requirements of Academic Probation status. If the student does not earn a 2.0 or greater term GPA, the student will be dismissed again. These students cannot enroll for two calendar years unless they have earned an associate degree from an accredited institution.

ACADEMIC RENEWAL

The academic renewal policy allows University System of Georgia degree-seeking students who have experienced academic difficulty to make a fresh start and have one final opportunity to earn an associate or bachelor’s degree. Former students may apply for academic renewal under the following circumstances:

• They have not been enrolled (not on dismissal) at any higher education institution in the past three years.
• They completed all learning support requirements prior to the three years of absence.

The granting of academic renewal does not supersede financial aid policies regarding satisfactory academic progress. Students must apply for academic renewal within the first year of re-enrollment. Contact the Office of Enrollment Services for more information and to request an application for academic renewal.
APPLICATION FOR GRADUATION

All candidates for degrees and certificates must submit an application for graduation to the Enrollment Services Office, by the published due date, for the term in which they anticipate completing graduation requirements. According to the repeat grade policy, if a course is repeated, only the most recent attempt will count toward graduation requirements.

Students who fail to apply by the graduation application deadline may forfeit the chance to adjust any errors or omissions made in their programs and may not be eligible for graduation.

Students may satisfy the curricular requirements for a degree or certificate by completing the program of study listed in the catalog in effect during their initial enrollment in the College, or they may complete their program of study under the catalog in effect at the time of their graduation. However, a student will be required to satisfy the curricular requirements of the catalog in effect at the time when they:

- change programs of study;
- are required to complete a course for which a prerequisite has been established since the student’s initial enrollment, in which case the prerequisite must be fulfilled;
- re-enter the College after one calendar year in which they earned no academic credit at Dalton State College;
- have not graduated by the time their entering catalog edition is 10 years old. However, if a major has been deactivated students have one year to complete a course that is offered in their major and two years to complete a deactivated associate degree major from the time of deactivation.

Graduation is held twice a year, at the end of the Fall and Spring Terms. Diplomas and certificates are awarded at these exercises. Students who complete graduation requirements at the end of Summer and Fall Terms will be awarded the appropriate diplomas or certificates at the Fall graduation exercises. Students completing graduation requirements at the end of Spring Term will be awarded diplomas and certificates at the Spring graduation exercises.

All students who complete requirements for degrees or certificates are encouraged to participate in the graduation exercises. Graduates who do not attend the exercises may obtain their diplomas or certificates later from the Office of Enrollment Services.

CLASS ATTENDANCE

Students are expected to attend all scheduled class sessions. These may include field trips, seminars, and individual conferences, as well as lectures and laboratory sessions. The instructor will explain the attendance policy at the beginning of each class and print it in the class syllabi. Absences may result in a grade reduction.

CLASS LOAD

An average load for a full-time student consists of 15-18 credit hours per semester. The College reserves the right to limit the class load of students who have received below-average grades (see Academic Progress).

Students may receive permission from the Provost and Vice President for Academic Affairs to enroll for more than the average load if they have a cumulative average above 3.0, or if they are in their last semester of enrollment before graduation.

CLASS SCHEDULE

The courses required for most degree and certificate programs are available during day, afternoon, and evening. However, some are scheduled only during day or only evening class periods. Courses may also be offered in traditional, online, or hybrid formats. Information about the scheduling of specific courses may be obtained from the academic advisors, the Office of Enrollment Services, or the Office of Academic Affairs.

CLASSIFICATION OF STUDENTS

Students are classified as freshmen, sophomores, juniors, or seniors. At the beginning of each term, those with credit for fewer than 30 semester hours are classified as freshmen; with 30-59 hours, as sophomores; with 60-89 hours, as juniors; with 90 or more hours as seniors.

Students are considered full-time if they register for 12 or more semester credit hours; students who enroll in fewer than 12 semester hours are considered part-time.

DROPPING OR CHANGING CLASSES

No changes in schedule are official or in effect until a signed Schedule Adjustment Form (https://www.daltonstate.edu/skins/userfiles/files/Schedule%20Adjustment%20form.pdf) is submitted to the Office of Enrollment Services. Additions to class schedules are not permitted after the first two days of the semester without the instructor's signature.

If a course is officially dropped by the published drop date, the student will receive a “W.” If a student drops a course without official approval or after the published drop date, a grade of “WF” is recorded. If a student ceases to attend a course without officially dropping, a grade of “F” is recorded.

Students receiving financial aid should be aware that enrollment status is determined at the end of the drop/add period at the beginning of each semester. A student receiving financial aid may owe money back to a financial aid program if his or her enrollment status changes after the drop/add period.

GRADES AND SYMBOLS

The following grades are approved by the University System for use by Dalton State College in the determination of the grade point average. Note: Grades of A*, B*, C*, and D* are used to denote grades in co-curricular learning support classes and are not included in the students’ grade point average.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>A&gt;</td>
<td>Excellent (STEM)</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>B&gt;</td>
<td>Good (STEM)</td>
<td>3.5</td>
</tr>
<tr>
<td>C&gt;</td>
<td>Satisfactory</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>Passing (STEM)</td>
<td>2.5</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
<td>1</td>
</tr>
<tr>
<td>D&gt;</td>
<td>Passing (STEM)</td>
<td>1.5</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrew, Failing</td>
<td>0</td>
</tr>
</tbody>
</table>
The following symbols are approved for use in the cases indicated but are not included in determination of the grade point average.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;</td>
<td>This symbol, when attached to a course grade, indicates an approved STEM course.</td>
</tr>
<tr>
<td>I</td>
<td>This symbol indicates that a student was doing satisfactory work but, for non-academic reasons beyond the student's control, was unable to meet the full requirements of the course. The 'I' must be removed by the end of the next term of enrollment or the Vice President for Enrollment and Student Services will change the 'I' to 'F'. Without regard to enrollment, the 'I' must be removed within one year or it will be changed to an 'F'.</td>
</tr>
<tr>
<td>IP</td>
<td>This symbol indicates that credit has not been given or that a student was passing a remedial course but did not pass the exit exam.</td>
</tr>
<tr>
<td>K</td>
<td>This symbol indicates that a student was awarded credit for the course by Examination (CLEP, AP, SAT II, or institutional examination).</td>
</tr>
<tr>
<td>NR</td>
<td>This symbol means that a grade was Not Reported.</td>
</tr>
<tr>
<td>S</td>
<td>This symbol indicates satisfactory performance in a course carrying institutional credit.</td>
</tr>
<tr>
<td>U</td>
<td>This symbol indicates unsatisfactory performance in a course carrying institutional credit.</td>
</tr>
<tr>
<td>V</td>
<td>This symbol indicates that a student audited the course. Enrollment status in a course cannot be changed from audit to credit or credit to audit after the add period ends.</td>
</tr>
<tr>
<td>W</td>
<td>This symbol indicates that a student officially withdrew from a course by the published day to drop classes without penalty. After this date, withdrawal is permitted only in cases of extreme, non-academic hardship which prevent the student from completing the term and must be approved by the Provost and Vice President for Academic Affairs.</td>
</tr>
<tr>
<td>WM</td>
<td>This symbol indicates that a student was permitted to withdraw for military service without penalty at any time during the term.</td>
</tr>
<tr>
<td>WU</td>
<td>This symbol indicates that a student dropped or withdrew, from a remedial course, after the last day to drop without penalty.</td>
</tr>
</tbody>
</table>

**UF**  This symbol indicates Failure due to lack of attendance.

## GRADING CHANGES AND APPEALS

The assignment of grades and symbols is the responsibility of the instructor. Any change in an assigned grade or symbol must be recommended by the instructor who assigned the original grade or symbol and be approved by the Dean, and Provost and Vice President for Academic Affairs. A final course grade may be changed only if there is unequivocal evidence that one or more of the following applies:

- It was a direct result of arbitrary and capricious conduct on the part of the instructor.
- The instructor discriminated against the student on the basis of a protected classification as the term is defined by Federal Law, Georgia State Law, or the Administrative Code of the City of Dalton.
- The grade was incorrectly calculated, or a clerical error occurred in recording the grade.
- A mitigating circumstance prevented the student from completing a final assignment or attending the final examination.

A student may file a formal challenge to a grade on any of the grounds listed above. The student must present positive, detailed, and specific evidence in support of his or her claim.

- The student must notify the instructor in writing no later than three days after the deadline for posting grades. The instructor must confer with the student and inform the student in writing whether he or she will change the grade within five days of receiving the student's notification. In the event Dalton State College no longer employs the instructor a student must notify the instructor's department chair or dean if the school does not have department chairs.
- If the instructor declines to change the grade or has not met the deadline, the student may appeal to the instructor's department chair or dean if the school does not have department chairs. The department chair (or dean) will meet with the instructor and the student to mediate the appeal. The department chair or dean must notify the student with a decision, in writing, no later than one day after the mediation.
- If the student is dissatisfied with the department chair or dean's decision, he or she may submit the appeal with appropriate documentation to the Provost and Vice President for Academic Affairs.
- The Provost/VPAA or designee shall convene a meeting of an ad hoc Grade Appeals Committee as soon as possible to resolve the issue within two weeks of receiving the grade appeal. The committee's decision is made on the day of the meeting and communicated verbally to the student, followed by a written confirmation of the decision.

A student appealing a grade may be allowed to continue with his or her program of study until a final decision is made on the appeal depending upon the policy of the program. This policy may vary among schools, and the student is directed to the school's handbook for further information.

### Grade Appeals Committee

The ad hoc grade appeal committee shall consist of the following individuals:
• Provost and Vice President for Academic Affairs (VPAA) or designee.
• Dean of the school involved in the appeal.
• Vice President for Student Affairs and Enrollment Management or designee (non-voting member of the committee).
• Three faculty members: two from any of the school’s other departments that are not directly involved with the appeal and one faculty member from another school.
• One student representative within the school but not in the program.

Note: In the School of Education, the two faculty members selected should not currently be teaching the student appealing the grade, and the one student representative from within the school should not be in the same block as the student who is appealing the grade.

The committee shall be deemed to have a quorum when the Provost and Vice President (or designee), the Dean, the Vice President for Student Affairs and Enrollment Services (or designee), and two additional committee members convene to review a grade appeal.

Meeting of the Grade Appeals Committee

The Grade Appeals Committee meeting shall be convened by the Provost and VPAA as needed. The committee shall invite the instructor and student to the meeting and consider any evidence which the student, the instructor, or the committee deems relevant. Should the student decline to meet with the committee, the committee may determine cases based on the submitted written arguments and supporting documents alone.

The student shall have the right to use an advisor of his or her choosing (at his or her own expense) for advice and counsel. An advisor can be, but is not limited to, a parent, fellow student, faculty member, coach, or attorney. The advisor may be present during meetings and proceedings at which his or her advisee is present. The advisor may advise his or her advisee in any manner, including providing questions, suggestions, and guidance on responses to any questions of the advisee, but shall not participate directly.

The institution shall not prohibit family members of a party from attending if the party requests such attendance in addition to another advisor; however, the College may limit each participant to two family members. Delays will not be allowed due to scheduling conflicts of advisors or family members. Every effort will be made to keep the committee’s investigation confidential.

The committee will vote after its deliberation, and a final decision will be made by simple majority. In case of a tie, the decision will be determined by the Provost and VPAA. The Office of the VPAA will issue the committee’s decision in writing to the student and instructor and provide copies to the chair and the dean. If the committee determines that the grade should be changed, a Grade Change Form will be sent from the Office of the VPAA to the Registrar to process the grade change. The decision of the Grade Appeals Committee may be appealed to the President of the College.

GRADE REPORTS

Course grades are posted at midterm and the end of each semester, and students may access their grades on the student portal. Grades are not mailed to students. Students are encouraged to consult with individual instructors to determine their progress at any time during the semester.

GRADUATION REQUIREMENTS

To be qualified for graduation with a Bachelor of Arts, Bachelor of Science, Bachelor of Science in Elementary Education, Bachelor of Science in Nursing, Bachelor of Social Work, Bachelor of Business Administration or Bachelor of Applied Science degree, candidates must meet the following requirements:

1. The completion of an approved academic program of study with a minimum of one hundred and twenty (120) semester hours of credit (plus applicable physical education requirement).
   a. Thirty (30) semester hours of upper-level course work must be completed at Dalton State College, excluding credit-by-examination.
   b. Thirty-nine semester hours of upper-level course work.
   c. All major required courses and electives (excluding Area F unless otherwise stated) must be completed with a grade of C or higher.

2. The demonstration of a satisfactory knowledge of United States and Georgia history and constitutions by examination or by passing HIST 2111, HIST 2112 or HIST 3930 and POLS 1101 at a Georgia institution.

3. A grade of C or higher in ENGL 1101 and ENGL 1102.

4. A grade of C or higher required on all upper-level courses.

5. An institutional GPA of 2.0 (C) or higher.

6. Formal approval by the faculty. The faculty reserves the right to require additional tests, special examinations or certifications that may be appropriate to establish the academic competence of potential graduates.

7. Certification by the Vice President for Fiscal Affairs that all financial obligations to the College have been satisfactorily discharged.

To be qualified for graduation with an Associate of Arts, Associate of Science, or Associate of Applied Science degree, candidates must meet the following requirements:

1. The completion of an approved academic program of study with a minimum of sixty (60) semester hours of credit (plus applicable physical education requirement).
   a. Twenty semester hours must be completed at Dalton State College, excluding credit-by-examination and institutional credit to meet residency requirements.
   b. Academic residency requirements for active duty service members will not be more than 25% of the undergraduate degree program.
   c. All academic programs designed for transfer may be modified if necessary to meet the requirements for graduation from University System of Georgia senior colleges or universities as designated in their current catalogs. The student must present a copy of the latest catalog when requesting modification.

2. The demonstration of a satisfactory knowledge of United States and Georgia history and constitutions by examination or by passing HIST 2111, HIST 2112 or HIST 3930 and POLS 1101 at a Georgia institution.

3. A grade of C or higher in ENGL 1101 and ENGL 1102.

4. An institutional GPA of 2.0 (C) or higher.

5. Formal approval by the faculty. The faculty reserves the right to require additional tests, special examinations or certifications that may be appropriate to establish the academic competence of potential graduates.
6. Certification by the Vice President for Fiscal Affairs that all financial obligations to the College have been satisfactorily discharged.

To be qualified for graduation with a Certificate, candidates must meet the following requirements:

1. The completion of an approved program of study.
   a. A minimum of eighteen semester (18) hours must be completed at Dalton State College, excluding credit-by-examination and institutional credit.
2. A grade of C or higher in ENGL 1101 and/or ENGL 1102, if taken.
3. A cumulative or a graduation average of 2.0 (“C”) or higher.
4. Formal approval by the faculty. The faculty reserves the right to require additional tests, special examinations or certifications that may be appropriate to establish the competence of potential graduates.
5. Certification by the Vice President for Fiscal Affairs that all financial obligations to the College have been satisfactorily discharged.

**GRADUATION REQUIREMENTS FOR TRANSFER STUDENTS**

Students transferring to Dalton State College will be evaluated by the same standards of academic progress applied to native students. In order to graduate, a transfer student must have both a minimum graduation grade point average of 2.00 on all Dalton State College courses used to complete graduation requirements and a cumulative minimum graduation grade point average of 2.00 for all courses (both Dalton State College courses and transfer courses) used to complete graduation requirements.

**GRADUATION WITH HONORS**

Students who achieve superior academic averages on all coursework completed at Dalton State College and who complete all requirements for graduation receive diplomas or certificates inscribed with honor designations.

<table>
<thead>
<tr>
<th>Honor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACHELOR AND ASSOCIATE DEGREE HONORS</td>
<td></td>
</tr>
<tr>
<td>Cum Laude</td>
<td>Grade point average of 3.5 to 3.74</td>
</tr>
<tr>
<td>Magna Cum Laude</td>
<td>Grade point average of 3.75 to 3.99</td>
</tr>
<tr>
<td>Summa Cum Laude</td>
<td>Grade point average of 4.0</td>
</tr>
<tr>
<td>CERTIFICATE HONORS</td>
<td></td>
</tr>
<tr>
<td>With Merit</td>
<td>Grade point average of 3.5 to 3.74</td>
</tr>
<tr>
<td>With Distinction</td>
<td>Grade point average of 3.75 to 3.99</td>
</tr>
<tr>
<td>With Excellence</td>
<td>Grade point average of 4.0</td>
</tr>
</tbody>
</table>

Students completing all requirements of the Dalton State College Honors Program will receive additional special designation on their diplomas.

**INSTITUTIONAL GPA/GRADUATION AVERAGE**

The institutional GPA is computed by dividing the total number of quality points earned at Dalton State College by the total number of academic semester hours attempted in which a grade of A, B, C, D, F, or WF has been received. If a student repeats a course, only the most recent attempt will be figured in the institutional GPA calculation. The institutional GPA is used to determine a student’s academic progress (probation, suspension, and exclusion) and for graduation. Students are expected to achieve an institutional GPA of 2.0 or higher for graduation. Students should understand that most institutions use the cumulative average, which includes all hours attempted and all grades earned, in determining the eligibility for transfer admission.

**ORIENTATION**

Every student is expected to attend an orientation session prior to the start of his or her first term at Dalton State College. This session will provide detailed information regarding academic programs, student services, and registration procedures.

**POLICY ON RELEASE OF STUDENT INFORMATION**

Students in the University System of Georgia have the right to the assurance that their academic records, compiled and maintained by a unit within the System, will be recorded accurately and retained in confidence. Dalton State College follows the policy of the University System of Georgia on release of student information. A complete copy of this information is on file in the Office of Enrollment Services and is available for viewing by the student and authorized faculty.

**REGENTS’ GPA/CUMULATIVE AVERAGE**

The Regents’ GPA is computed by dividing the total number of quality points earned at by the total number of academic semester hours attempted in which a grade of A, B, C, D, F, or WF has been received. This average is used for determining eligibility for special honors and is the average that appears on the student’s permanent record. All “institutional credit” hours and grades are excluded from the cumulative average. Learning Support courses and Regents’ Skills courses carry institutional credit.

**REGISTRATION**

All students register for each term during announced registration periods. A student is regularly registered for a course only when all College requirements governing registration for the course have been met. Students not properly registered may not receive credit for courses completed. Any exception to this regulation must be approved by the Provost and Vice President for Academic Affairs.

**SECOND OR SUBSEQUENT DEGREES AND CERTIFICATES**

Any student applying for a second or subsequent associate degree or certificate must complete eighteen (18) semester hours of academic credit with a grade of C or 2.0 or better earned at Dalton State College, excluding credit-by-examination, which have not been applied to the requirements of a previous degree or certificate. Students applying for a second bachelor’s degree must complete an additional thirty-six (36) hours of upper-level credit with a grade of C or higher earned at Dalton State College.
State College, excluding credit-by-examination, which have not been applied to the requirements of a previous degree. The eighteen (18) and thirty-six (36) hours constitute a "residence requirement" and may be taken on the main campus or at any extended campus site of Dalton State College.

**TRANSCRIPTS**

**Official Transcript Requests**

Current students can request transcripts through the Parchment Official Transcript Request link in their Roadrunner Portal.

Former or current students can visit [https://daltonstate.gabest.usg.edu/B690/twlbkwbis.P_WWWLogin](https://daltonstate.gabest.usg.edu/B690/twlbkwbis.P_WWWLogin) (User ID is your Dalton State ID number (900xxxxxx). PIN is your 6-digit date of birth (MMDDYY)). Once you have logged in, choose "Student," then "Student Records," then "Parchment Official Transcript Request" and access the ordering site. If you do not know your ID number, go to [https://daltonstate.gabest.usg.edu/B690/bwwkadst.P_GetID](https://daltonstate.gabest.usg.edu/B690/bwwkadst.P_GetID), enter required information (using your last name as it was when you attended), and click "Show Admission Status." If you are still unable to obtain your ID number, please contact the Registrar's Office at 706-272-4590 or 706-272-4546 to answer a series of questions to prove your identity.

**Fees and Processing Times**

- Requested Online, Sent Electronically: $5 per transcript; 1-2 business days.
- Requested Online, Sent via U.S. Mail: $10 per transcript; 3-5 business days.
- Requested Online, Hold for Pick-Up: $10 per transcript; 3-5 business days. Student has 30 days to pick up transcript once order is processed, after which time transcript will be shredded and order must be resubmitted.
- Requested via Transcript Request Form: $10 per transcript; 5-8 business days.
- Requested via U.S. Mail (i.e. 2nd party requests): $10 per transcript; 5-8 business days.

**Payment**

Fees will be paid through the online request process using a credit or debit card.

For 2nd party requests or requests made using the Transcript Request Form, payment (cash, check, or money order) must be remitted to the Office of Fiscal Affairs at the time of request. Transcript requests will not be processed until payment is received.

**Rush Transcripts**

There will be a $25 fee per transcript required as RUSH. Such requests should be made in the Office of Enrollment Services. Requests received by 12 noon will be ready for pick-up after 2:30 p.m. the same day. (There will be NO rush transcripts during registration/schedule adjustment and graduation dates.) Payment (cash, check, or money order) must be remitted to the Office of Fiscal Affairs at the time of request. Rush transcripts will not be processed until payment is received.

**Unofficial Transcripts**

After logging in (see Official Transcripts above), choose "Student," then "Student Records," then "Unofficial Transcript."

Faxed transcripts are considered unofficial. Transcripts emailed to student might be considered unofficial as well.
The general education program at Dalton State College is designed to help students develop the skills and knowledge necessary for them to be successful in college and with their careers in the future. It provides a breadth of academic experiences across disciplines to help students come to a better understanding of the society in which they live and to adapt effectively to the rapid changes in the local and global world. Further, the program gives students the background necessary to be engaged citizens and self-reflective, lifelong learners.

The general education program at Dalton State College is found within Areas A-E of the Core Curriculum. It consists of a set of courses encompassing communication skills, quantitative skills, oral communication, humanities and fine arts, natural sciences and mathematics, and social sciences.

General Education Learning Outcomes (Approved by the Council on General Education, October 26, 2010)

Learning Goal A1 (Communications Skills)
- Students will determine forms of communication appropriate to particular audiences and purposes; organize and communicate knowledge and ideas in a logical and purposeful way; and use accepted patterns of grammar, punctuation, and sentence structure in written communication.
- Students will use technology and gather data to conduct research from various sources, including electronic media, and demonstrate an understanding of plagiarism by acknowledging and citing informational sources correctly.

Learning Goal A2 (Quantitative Skills)
- Students will demonstrate an understanding of data presented graphically or mathematically.
- Students will perform foundational mathematical operations and express and manipulate mathematical information or concepts in verbal, numeric, graphic, or symbolic forms while solving a variety of problems.

Learning Goal B (Institutional Options)
- Students will exhibit expertise necessary to research, organize, and present an oral report or speech.
- Students will express orally or in writing a broad understanding of an array of issues relating to culture, society, creative expression, or the human experience.

Learning Goal C (Humanities/Fine Arts)
- Students will articulate an understanding of individual and cultural differences and perspectives across the globe.
- Students will demonstrate the ability to make informed judgments in interpreting works of art, literature, or other aesthetic experiences of cultures throughout the world.

Learning Goal D (Natural Sciences, Mathematics, and Technology)
- Students will utilize appropriate models, systematic methods, and concepts such as the scientific method to solve problems.
- Students will demonstrate the ability to evaluate observations, inferences, or relationships in works under investigation.

Learning Goal E (Social Sciences)
- Students will articulate an understanding of major forces and events, influences, or ideas that have shaped history and society.
- Students will analyze social institutions, world religions, natural landscapes, or human behavior using appropriate disciplinary frameworks.
- Students will demonstrate the ability to articulate and analyze perspectives and values of diverse cultural groups and their historical experiences in the United States.
- Students will articulate the constitutional principles and governmental processes fundamental to American democracy and political participation.

Learning Goal (Critical Thinking)
- Students will analyze, evaluate, and provide convincing reasons in support of conclusions and arguments.
- Students will demonstrate an ability to evaluate observations, inferences, or relationships in works under investigation.

The Core Curriculum
The Core Curriculum of the University System of Georgia is a comprehensive academic program which provides for the transfer of freshman and sophomore credit among the thirty-one colleges and universities in the University System. Consisting of precisely 42 semester hours of general education comprising Areas A-E, the Core Curriculum will be accompanied by an Area F made up of lower-division courses required by the student’s major. All 1000- and 2000-level courses completed in the Core Curriculum at any unit of the System will normally transfer to all other units. Students who complete an approved Core Curriculum at one institution will receive full transfer credit in the same academic major at all other University System institutions and normally can complete a baccalaureate degree with the same number of credit hours as native students at the receiving institution. Transfer students who change majors or whose grade point average is below that required by the receiving institution may be required to take additional credit hours.

The general distribution of Core Curriculum requirements is as follows:

<table>
<thead>
<tr>
<th>Area</th>
<th>Area Name</th>
<th>Description</th>
<th>Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Communication</td>
<td>Courses that address learning outcomes in writing in English</td>
<td>At least 6 hours</td>
</tr>
<tr>
<td>A2</td>
<td>Quantitative</td>
<td>Courses that address learning outcomes in quantitative reasoning</td>
<td>At least 3 hours</td>
</tr>
<tr>
<td>B</td>
<td>Institutional</td>
<td>Courses that address general education learning outcomes of the institution’s choosing</td>
<td>At least 3 hours</td>
</tr>
</tbody>
</table>
Programs of Study

C Humanities, Fine Arts, and Ethics
Courses that address learning outcomes in humanities, fine arts, and ethics
At least 6 hours

D Natural Science, Mathematics, and Technology
Courses that address learning outcomes in the natural sciences, mathematics, and technology
At least 7 hours (At least 4 of these hours must be in a lab science course.)

E Social Sciences
Courses that address learning outcomes in the social sciences
At least 6 hours

F Lower-Division Major Requirements
Lower division courses required by the degree program and courses that are prerequisites to major courses at higher levels
18 hours

The following courses comprise Areas A through E. However, some degree programs require students to take particular courses within Areas A-E. Students should refer to the specific requirements for their degrees listed under the individual programs of study section of this Catalog.

Area A1: Communication Outcomes
This requirement includes courses that address learning outcomes in writing in English.
ENGL 1101 English Composition I
ENGL 1102 English Composition II

Area A2: Quantitative Skills
This requirement includes courses that address learning outcomes in quantitative reasoning.

MATH 1001 Quantitative Skills/Reasoning
MATH 1101 Intro to Mathematical Modeling
MATH 1111 College Algebra
MATH 1113 Precalculus Mathematics
MATH 1401 Elementary Statistics
MATH 2253 Calculus and Analytic Geom I

Area B: Institutional Options
This requirement includes courses that address general education learning outcomes of the institution's choosing.

COMM 1110 Fundamentals of Speech
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character

Area C: Humanities/Fine Arts
This requirement includes courses that address learning outcomes in humanities, fine arts, and ethics.

Humanities
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature

Fine Arts
ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Natural Science, Mathematics, and Technology
This requirement includes courses that address learning outcomes in the natural sciences, mathematics, and technology.

ASTR 1010 Astronomy of the Solar System
ASTR 1020 Stellar and Galactic Astronomy
BIOL 1105K Environmental Studies
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
BIOL 1203K Principles of Botany
BIOL 1224K Entomology
BIOL 2215K Microbiology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
CMPS 1301 Principles of Programming I
CMPS 1302 Principles of Programming II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
PRSP 1010 Perspectives in Liberal Arts
PRSP 1020 Perspectives in Business
PRSP 1030 Perspectives in Education
PRSP 1040 Perspectives in Health Edu
PRSP 1050 Perspectives in STEM
SOCI 1000 Race and Ethnicity in America
PSRP seminars are required for all students with fewer than 30 credit hours enrolled at the college in either the fall or spring semesters.

Transfer Rules

Students within USG must declare one home institution at a time. Students who transfer from one institution to another automatically change their home institution.

Students must meet the USG-specified minimum number of hours in each Area A-E.

Students successfully completing a course in one institution's Areas A-E will receive full credit in Areas A-E for the course upon transfer to another USG institution as long as the following conditions are met:

- The course is within the Area hours limitations of either the sending institution or the receiving institution and
- The student does not change from a non-science major to a science major

Students successfully completing a course in one institution’s Area F will receive full credit for the course upon transferring to another USG institution as long as the student retains the same major.

Receiving institutions may require transfer students to complete the requirements as specified for native students. However, the total number of hours required of transfer students for degree must not exceed the number of hours required of native students for the same major.

Students who wish to take Area A-F courses (including distance learning courses) from a USG institution other than the home institution, either concurrently or intermittently, may receive transient permission to take and receive credit for Areas A-F courses satisfying home institution Area A-F requirements.

Provided that native and transfer students are treated equally, institutions may impose additional reasonable expectations, such as a grade of “C” in Area A-F courses.

Students transferring outside the University System should consult the catalog of the institution to which they intend to transfer. Course substitutions require written approval of the Vice President for Academic Affairs.

Majors, Minors, and Areas of Concentration

At Dalton State College, all credit-based programs of study include a major or area of concentration, and some students elect to earn minors as well. Each of these terms is defined as a group of courses, organized in a coherent and focused manner, that includes content and student
learning experiences directly related to the specialization incorporated within each program of study. The term “area of concentration” is used to define the specialization within mini-certificate, certificate, and associate degree programs. The terms “major” and “minor” are used to define specialization within bachelor’s degree programs.

The minimum numbers of semester credit hours required by program type for a major or area of concentration are shown below.

<table>
<thead>
<tr>
<th>Program</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor’s Degree</td>
<td>30</td>
</tr>
<tr>
<td>Associate of Arts/Science Degree</td>
<td>18</td>
</tr>
<tr>
<td>Associate of Science in Nursing Degree</td>
<td>37</td>
</tr>
<tr>
<td>Associate of Applied Science Degree</td>
<td>36</td>
</tr>
<tr>
<td>Certificate</td>
<td>21</td>
</tr>
<tr>
<td>Mini-Certificate</td>
<td>8</td>
</tr>
</tbody>
</table>

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

**Alternative Methods for Earning Academic Credit**

**Credit-by-Examination**

Students who have competencies or skills equivalent to those required for the completion of courses offered by Dalton State College may receive “Credit-by-Examination.” In skill and vocational areas, such levels of proficiency often result from work experiences or previous training. In academic areas, competencies may result from independent study, rigorous high school preparation, or exceptional intellectual ability.

The College awards credit through

1. Institutional examinations,
2. The College Board Achievement Test and Advanced Placement Program (AP),
3. The College Level Examination Program (CLEP), and
4. The International Baccalaureate (IB) Diploma.

The following policies govern credit-by-examination:

1. Credit is awarded only to students admitted to the College and is officially recorded only for those who enroll for credit courses.
2. Credit-by-examination is awarded only for courses offered by the College.
3. Credit is not awarded if a comparable course has been completed at the College. Conversely, previously awarded credit-by-examination is forfeited by completing a comparable course at the College.
4. Credit-by-examination is an award of semester credit hours but carries no letter grade or quality points.
5. A student may take the proficiency examination for a course only once.
6. A student may not take a proficiency examination if
   • the student has previously enrolled in the course, or
   • the student is currently enrolled in the course.
7. Each school is responsible for determining the achievement level of students taking institutional examinations and for recommending the award of credit in writing to the Vice President for Academic Affairs.
8. Official scores earned on the SAT II, the Advanced Placement Program, the International Baccalaureate Diploma, and the CLEP examinations must be submitted to the Office of the Registrar for evaluation. Dalton State College has created its own policy for credit awarded based on University of Georgia guidelines. A current list of those scores is maintained by the Office of Enrollment Services.
9. Students receiving transfer credit for HIST 2111 or HIST 2112 and/or POLS 1101 must pass an institutional examination on Georgia History and/or the Georgia Constitution to satisfy the State of Georgia legislative requirements if transfer credit is from out-of-state institution or non-accredited Georgia institution. Transferring students who may have successfully completed college level course work dedicated to Georgia History or the Georgia Constitution or who have taken HIST 3930: History of Georgia at Dalton State are exempt from these examinations.
10. The minimum cut scores can be found at https://www.daltonstate.edu/academics/credit-by-exam-cut.cms

**Transfer of Credits**

The following is a brief description of the general guidelines used to evaluate transfer credits. This list does not guarantee the student any certain result and is meant only as an explanation of the procedures. Dalton State College has established these policies in compliance with the standards established by the University System of Georgia. In order for credit to be evaluated, it must be sent on an official transcript (sent directly from the school) and contain final grades of all courses completed.

1. In general, credits coming from an appropriately accredited institution (SACS, NASC, NEASC, NCAC, MSAC, etc.) will be accepted and transferred in on the level in which they were taken. For example, if courses were applied toward a 4-year degree at another appropriately accredited school, they will be accepted as such. However, if A.A.S. courses were taken at a 4-year accredited institution, they will transfer-in on an equal level (not applying towards a 4-year degree).
2. Certificate courses from regionally accredited Georgia technical colleges will be accepted as technical level classes except for University System of Georgia approved General Education courses from COC Accredited Technical College System of Georgia schools which will transfer into the University System of Georgia Core Curriculum.
3. If there are more than 45 semester credit hours transferring in, the required minimum GPA is 2.0. ‘D’s’ (except in courses that require a ‘C’ or better for successful completion) will transfer in provided that the GPA does not fall below a 2.0. Students seeking to transfer 30 or fewer semester hours must have a GPA of at least 1.8, and those with 15 or fewer semester hours must have a GPA of at least 1.6.
4. *Freshman English Composition I* (ENGL 1101) and *Freshman English Composition II* (ENGL 1102) require a minimum of a C or better in order to transfer.
5. The transfer GPA is a component of the student’s cumulative GPA at Dalton State.
6. Courses will transfer in with the same number of hours as received at the previous institution. If this causes a deficiency in an area, it is the student’s responsibility to ensure that it is satisfied through additional coursework. No course will be equated to a class on a higher level (ex: 2000 - 3000) without the approval of the division
Chair unless an equivalency is obviously determined and is not more than one level higher.

7. In order to receive credit for remedial and developmental classes, the student must have successfully passed the ACCUPLACER/COMPASS entrance exam or Freshman English Composition for English or College Algebra for math. However, if a student satisfied a deficiency in another University System of Georgia institution, it will be honored.

8. In order to receive credit for a lab science course, the student must have successfully completed BOTH the lab and the class. No partial credit will be awarded.

9. Courses that do not have a Dalton State College equivalency will be assigned an elective '8888' wild-card code that places that class in its prospective domain. They include Humanities, Natural Science, Social Science, Business and Technology, Nursing, Technical, and Physical Education. If students wish to apply these towards their degree, they may appeal the courses through their advisors and the Vice President for Academic Affairs. For more information refer to the Transfer Equivalency information on the college web site. https://www.daltonstate.edu/academics/transfer-equivalency.cms

10. All course work is transferred in under the Semester System.

11. If a student wishes to modify the results of the transfer evaluation, additional consideration will be given if the student provides a copy of the catalog course description as well as a written request stating which particular Dalton State class they wish to equate it with. The evaluator will respond to the request in writing.

12. If a student takes U.S. History at any regionally accredited institution in the state of Georgia, it will satisfy the Georgia and U.S. History requirements for graduation. However, if the course is taken out-of-state, it will only satisfy the U.S. History requirement. Please note: If U.S. History was taken at a TCSG institution prior to Spring 2012, it will not satisfy this requirement. Deficiencies for the Georgia requirements are noted on the Transfer Equivalency Worksheet as 'Required – System.' Passing the Georgia History Exemption Test can satisfy the GA History requirement. Contact the History Chair at (706) 272-2672 for more information.

13. If a student takes Political Science 1101 – American Government at any regionally accredited institution in the state of Georgia, it will satisfy the Georgia and U.S. Constitution requirements for graduation. However, if the course is taken out-of-state, it will only satisfy the U.S. Constitution requirement. Please note: If American Government was taken at a TCSG institution prior to Spring 2012, it will not satisfy this requirement. Deficiencies for the Georgia requirements are noted on the Transfer Equivalency Worksheet as "Required – System." Passing an examination can satisfy the GA Constitution requirement. Contact the Social Sciences Chair at (706) 272-2672 for more information.

14. Military credit and experience is accepted provisionally provided that the content, nature, and appropriateness apply to courses offered at Dalton State College. Official documentation and course descriptions (when possible) must be provided. A student having served in the military may be exempt from the Physical Education Requirements by submitting a copy of his/her DD214 form.

15. Students who wish to receive credit from international schools abroad must submit their transcript to one of six approved international credentials evaluation services. This may take 2-6 weeks and cost between $100 - $150 US Dollars. Contact the Office of Enrollment Services for more information.

16. As a member of the Adult Learning Consortium, Dalton State College agrees to accept assessed and transcripted courses from other consortium members.

17. In order for credit to be evaluated, it must be sent on an official transcript (directly from the institution) and contain final grades for all courses completed.

Transfer Equivalency
Link to transfer equivalency database:
https://daltonstate.gabest.usg.edu/B690/dsc_trans_equiv.find_state

Students who transfer credit from other institutions will have their equivalencies available for viewing within approximately two to three weeks after being accepted to the College. Students may view their transfer credit via their Roadrunner Portal by checking their Academic Transcript. All transfer courses have a T in front of the transfer grade they received. Please note that transfer credit is calculated in a student's cumulative GPA here at Dalton State. Any courses followed by a carat (*) are courses that did not transfer as useable credit. (Example grade: TC*)

Effective December 2011, a new way of coding transfer credit has been implemented. Courses that do not have exact equivalents here at Dalton State will be coded with the prefix for the course and the number 1, 2, 3, or 4 ELE. This is to indicate if the course is a 1000-level elective, a 2000-level elective, 3000, or 4000. We hope this makes translating the credit easier for advisors and students alike. Prefixes will match our prefixes whenever possible. When not possible, we will use the prefixes: BUSI for Business Administration credit, HUMA or LIA for Humanities credit, MATH for Math credit, SOSC for Social Sciences credit, NSCI for Natural Science credit, NURS for Nursing credit, PHED for Physical Education credit and TECH for Technical credit.

Examples: PSYC 1ELE = 1000 Psychology elective; CHEM 3ELE = 3000 Chemistry elective

If you have questions or need clarification, please contact Sarita Gale at sgale@daltonstate.edu or 706-272-4490.

Physical Education Requirement
All degree and certificate students graduating after May 2004 are required to take at least one credit hour of physical education. This requirement may be satisfied by completing a PHED activity course numbered higher than 1005.

Exemptions to the physical education requirement will be granted for any of the following reasons:

1. Completion of military basic training (please submit DD-214 to the Office of the Registrar).
2. A documented medical condition which prevents participation in activity courses.
3. Presentation of an earned associate or bachelor’s degree from an accredited college or university.
4. Enrollment in any of the following programs: Associate of Science in Nursing, Licensed Practical Nursing Certificate, Radiologic Technology Associate of Applied Science, Respiratory Therapy Associate of Applied Science, Bachelor of Science in Organizational Leadership.
Baccalaureate Programs

Students can earn a baccalaureate degree in a wide range of programs at Dalton State College.

Three degrees and twelve majors are administered by the School of Arts and Sciences:

- Bachelor of Arts (B.A.) degree is offered with majors in Communication, English, History and (optional Secondary Teacher Education Certification in English and History), and Interdisciplinary Studies.
- Bachelor of Science (B.S.) degree is offered in Biology, Chemistry, Criminal Justice, Environmental and Sustainability Studies, Mathematics and Psychology (optional Secondary Teacher Education Certification in Biology, Chemistry, English and History and Mathematics).
- Bachelor of Applied Science (B.A.S.) in Engineering Technology and Technology Management.

One degree and six majors are administered by the Wright School of Business:

- A Bachelor of Business Administration (B.B.A.) degree is offered with majors in Accounting, Finance and Applied Economics, Logistics and Supply Chain Management, Management, Management Information Systems, and Marketing.

A Bachelor of Science (B.S.Ed.) in Elementary Education with an optional ESOL and/or Autism endorsement is offered and administered by the School of Education.

Three degrees and five majors are offered by the School of Health Professions:

- Bachelor of Social Work (B.S.W.)
- RN-BSN (Bachelor of Science in Nursing)
- Bachelor of Science (B.S.) degree with majors in Health and Wellness, Organizational Leadership, and Respiratory Therapy.

The completion of these programs of study normally requires four years of full-time study. Program curricula and other requirements are listed in other sections of the catalog.

Transfer Associate Degree Programs

Associate of Arts (A.A.) and Associate of Science (A.S.) transfer programs are designed for students who plan to pursue baccalaureate degrees. These programs of study provide the freshman and sophomore years of academic course work required for a bachelor's degree.

The approximately 60 hours of degree credit for the A.A. or A.S. degree can be earned in the equivalent of two academic years: four semesters of enrollment for 15-16 degree credit hours each semester or five or more semesters of enrollment for fewer than 15-16 degree credit hours each semester. Students who have earned acceptable credits at other colleges or through credit-by-examination may satisfy the requirements for an A.A. or A.S. in fewer than four semesters.

The curricula of all A.A. and A.S. transfer programs fulfill the Core Curriculum of the University System of Georgia. A student who completes one of these programs can expect to receive full transfer of credit toward a bachelor's degree in the same field of study at any school in the University System of Georgia. Credits earned in the A.A. and A.S. programs also transfer freely to private institutions and to public colleges and universities in other states. Students who change majors when they transfer to other institutions may lose hours and/or be required to take additional course work to satisfy the freshman and sophomore requirements in their new fields of study.

Students are encouraged to select a specific transfer/pathway program as early as possible in order to receive maximum credits toward their baccalaureate degrees. Those who are undecided about a baccalaureate major should concentrate on the general education courses in Areas A through E of the General Studies transfer programs (A.A. or A.S.) until they identify their major-related academic interests and goals. Students planning to transfer to private or out-of-state public colleges may use the extensive elective choices in the General Studies transfer programs to design, in consultation with their academic advisors, curricula that satisfy the freshman and sophomore requirements of those institutions.

Many four-year institutions will accept more academic credit hours than the minimum required for the A.A. or A.S. degree at Dalton State College. Students wishing to take additional hours at Dalton State College should contact the institution to which they plan to transfer to determine the number of additional hours and specific courses, if any, that will transfer.

Career Associate Degree Programs

The Associate of Applied Science (A.A.S.) programs and the Associate of Science in Nursing (RN) are designed for students who wish to gain a foundation in general education and specific career skills for initial or continuing employment after graduation. Students who intend to pursue a baccalaureate degree other than the B.A.S. or B.S.N. should consider an associate's degree transfer program.

The credit hours required for a career associate degree, which vary from program to program, can be earned in four semesters of enrollment for fifteen or more hours each semester. Students completing fewer than fifteen hours per semester must enroll in additional semesters to accumulate the credits needed for their degrees. Students who have earned acceptable credits at other institutions or through credit-by-examination may satisfy the requirements for a career degree in fewer than four semesters. Except for science, technical, and professional sequence courses in the allied health and technology programs, there is no time limit for the completion of a career degree by students who maintain satisfactory academic progress.

The general education component of each career associate degree includes, at a minimum, one course each in mathematics, written communication and speech, and at least 12 additional credit hours of course work from the Core Curriculum. Many of the career programs offer Core Curriculum courses within the field of study. Career degree students who decide to pursue an associate degree transfer program at Dalton State College, or decide to transfer to a four-year college or university, can expect to receive credit for some or all of the Core Curriculum credits earned, depending upon the new major field of study.

In addition to programs in specific career areas, Dalton State College offers an Associate of Applied Science (A.A.S.) degree in Integrated Technology Studies that affords students considerable flexibility in selecting courses from several areas of study.

Information about career opportunities and assistance in assessing career interests and preferences are available to all students through the Office of Academic Resources. Job assistance is also available to students and graduates seeking employment.
Certificate Programs

Certificate programs are designed for students who wish to gain skills for entry-level employment in vocational and technical occupations.

The credit hours required for a Certificate, which vary from program to program, can be earned in three or four semesters by students who enroll for a full load each semester. Credits to complete a certificate program may also be accumulated over a longer period of time by students who enroll on a part-time basis. Students who have earned acceptable credits at other post-secondary institutions or through credit-by-examination may satisfy the requirements for a certificate in fewer than three or four semesters.

The curriculum of each certificate program provides opportunities for students to acquire or improve the skills in oral and written communications, reading, and mathematics that are essential for success in the modern workplace.

Students who complete certificate programs may apply the credit hours earned toward an Associate of Applied Science degree.

Information about career opportunities and assistance in assessing career interests and preferences are available to all students through the Office of Academic Resources. Job assistance is also available to students and graduates seeking employment.

Learning Support Programs

Some applicants to Dalton State College need additional preparation before embarking on a degree or certificate program. A series of Learning Support courses is offered to meet the needs of these students. Learning Support programs are intended to serve students who are not prepared for core curriculum courses and who need additional preparation in reading, mathematics, and/or English (writing).

Requirements for Exempting/Placing in the Program

Students seeking to enter degree programs must be able to demonstrate that they have met the Dalton State College established minimum requirements in English, reading, and mathematics in order to be allowed to enroll in Core Curriculum and degree level courses.

To exempt placement screening, a student must meet the following criteria. Test scores taken within the last 5 years can be used to determine placement.

For English (Writing) and Reading

- minimum score 430 Old SAT-Verbal; or
- minimum score 480 Evidence-Based Reading & Writing (EBRW) on the new SAT
- minimum score 17 ACT-English; or
- minimum score 61 Accuplacer Reading AND minimum 6 Accuplacer Writer; or
- minimum score 70 Accuplacer Reading AND minimum 5 Accuplacer Writer; or
- minimum score 80 Accuplacer Reading AND minimum 4 Accuplacer Writer;
- minimum score 237 through 247 on Accuplacer Next-Generation Reading Comprehension AND minimum score 5 on Accuplacer WritePlacer: or
- minimum score 248 on Accuplacer Next-Generation Reading Comprehension AND minimum score of 4 Accuplacer WritePlacer: and
- have met the Required High School Curriculum requirement in English

For Mathematics

MATH 1111 Pathway

- minimum score of 500 Old SAT-Mathematics; or
- minimum score of 27 New SAT-Mathematics; or
- minimum score of 21 ACT- Mathematics; or
- minimum score of 80 Accuplacer Elementary Algebra; or
- minimum Accuplacer Next Gen score of 267; or
- minimum High School GPA of 3.6; and
- have met the Required High School Curriculum requirement in mathematics

MATH 1001/1101 Pathway

- minimum score of 460 Old SAT-Mathematics; or
- minimum score of 25 New SAT-Mathematics; or
- minimum score of 19 ACT- Mathematics; or
- minimum score of 69 Accuplacer Elementary Algebra; or
- minimum Accuplacer Next Gen score of 258; or
- minimum High School GPA of 3.4; and
- have met the Required High School Curriculum requirement in mathematics

Students who have taken Accuplacer test at a COC-accredited TCSG college and transfer to a USG institution will not be required to take another placement test if the placement test was administered as part of the normal application process.

Rules for Students in Learning Support Programs

1. Students who are required to take LS courses in an area may not register as an auditor in any such course in that area.

2. Students who are required to enroll in Learning Support Courses are not permitted to enroll in credit courses that require the content or the skills of the prerequisite courses.

3. The following requirements apply to those students who have DSC-mandated LS requirements.

   a. During each semester of enrollment, a student must first register for all required LS courses before being allowed to register for other courses. This policy also applies to part-time students.

   Two exceptions are possible:

   ~ When two LS areas are required and a student is enrolled in at least one LS course, a freshman orientation course or physical education may be taken that semester instead of one of the required LS courses.

   ~ In the event that a required LS course is not available, a student may enroll in a course for degree credit if the student has met the course requirements, subject to the written approval of the president or designee.
b. Students who have accumulated a maximum of 30 semester hours of college-level credit and have not successfully completed required LS courses may enroll only in LS courses until requirements are successfully completed. Students with transfer credit or credit earned in a certificate or prior degree program who are required to take LS courses for their current degree objectives may earn up to 30 additional hours of college-level credit. After earning the additional hours, such students may enroll in LS courses only.

c. Students with LS requirements who are enrolled in both the Learning Support and credit course (co-requisites) may not withdraw from the required Learning Support course unless they also withdraw from the co-requisite credit course and vice versa.

4. Students who are not required to take LS courses in a disciplinary area may elect to enroll in LS courses in the non-required area for institutional credit or on an audit basis. Such students are limited to a maximum of two attempts in English (writing) and reading, and three attempts in math but are not subject to the requirements. An attempt is defined as an institutional credit course in which a student receives any grade or symbol except “W”.

5. Time spent in LS course work in a disciplinary area shall be cumulative within the USG. A transfer LS student with fewer than two semesters in English (writing) or reading and fewer than three semesters in math may be granted an additional semester if that student was making appropriate progress at the sending institution and is ready for the exit level course at the receiving institution. Otherwise, students must stay within the number of attempts allowed.

6. If a student does not complete requirements for English (writing) or reading in two semesters and math in two/three semesters the student will be placed on Learning Support Exclusion, which prevents the student from enrolling in degree-level programs.

7. Students who have been suspended from the institution without completing LS requirements may not be exempted from their LS requirements through transfer of course credit unless they are eligible for transfer admission under the institution’s regular transfer admission policies.

8. Students who have not taken any college work in the USG for one year may be restested with the ACCUPLACER in any unsatisfied area and readmitted without an LS requirement if they meet the institutional criteria for exemption. Students who do not exempt on the retest may be considered for readmission. If an individual evaluation indicates that the student has a reasonable chance of success, the student may be readmitted for up to two additional attempts for English (writing) or reading and three additional attempts in math. Students readmitted under this provision are subject to the 30-hour limit on college-level coursework and may not take credit work if they earned 30 credit hours during their previous period(s) of enrollment.

9. Students with documented learning disorders who are required to enroll in LS, must fulfill all stated requirements, including test (ACCUPLACER or system-approved alternate) and course requirements. Students will be provided with appropriate test and/or course accommodations.

10. Appropriate course and testing accommodations will be made for students with sensory, mobility, or systemic disorders. Such students may be granted up to two additional semesters of LS at the institution’s discretion.

Regents’ Engineering Pathway Program
Dalton State College is one of many institutions in the University System of Georgia approved to offer the Regents’ Engineering Pathway Program (REPP), formerly the Regents’ Engineering Transfer Program (RETP). This program allows Georgia residents interested in engineering careers to complete the first two years of the engineering degree at a college close to home. Upon satisfactory completion of the pre-engineering curriculum and additional course requirements, students may transfer to one of the five REPP institutions (Georgia Southern University, Georgia Institute of Technology, Kennesaw State University, Mercer University, or University of Georgia) to complete the remaining course and degree requirements. This program is an excellent fit for families of students who are interested in saving money on tuition or simply staying close to home for the first couple years of college.

Honors Program
The Honors Program at Dalton State College is designed for motivated, high-achieving students to excel by exploring their passions through in-depth learning experiences. The program will challenge students with a rigorous curriculum and meaningful, practical experiences such as service learning, study abroad/study away, leadership development, and off-campus educational opportunities.

Dalton State honors students will be challenged by enrolling in specialized, smaller sections of core courses with other honors students in their cohort. In upper-division courses, honors students will work with faculty members to complete honors projects that will afford them a unique educational experience. Click HERE (https://www.daltonstate.edu/academics/honors-program.cms) for more information.

International Travel and Study Opportunities
Institutions of the University System of Georgia provide students with a multitude of opportunities to study abroad while earning academic credit toward completion of degree requirements at their home campuses. Study Abroad programs are coordinated through the Council on International Education of the Board of Regents. The program selections include summer study in France, England, Ireland, Spain, Russia, Italy, Mexico, China, and Japan. There are also many institutional based summer semester and academic year programs in many countries in which Dalton State students can participate, including semester and academic year programs in several countries in Europe.

Studying abroad enables students to gain a global perspective through experiential learning, increase their knowledge of a foreign language, provides them an opportunity to gain insights and appreciation for the cultures and institutions of other people, and facilitates the development of relevant career skills. Furthermore, such experiences contribute to personal maturity and to the development of independence and confidence.

The International Education Coordinator at Dalton State College maintains information about a variety of opportunities for student study abroad and is available to counsel students on programs that would be compatible with their interests. The University System of Georgia publishes a catalog of student programs offered by all units of the
System, while other colleges and international organizations furnish to Dalton State College information about other programs abroad.

Dalton State College participates directly in the planning and implementation of several summer programs in Europe, Mexico, and China. Dalton State College faculty members teach in those programs, and a number of Dalton State College students have participated in them, earning core curriculum credits while enjoying the sites and culture of the host countries. Students interested in exploring the possibilities for study abroad should contact the International Education Coordinator at Dalton State College.

Most of the University System programs are open to all regularly admitted undergraduate students in good academic standing, while some are designed primarily for graduate students. Students in the University System of Georgia who are eligible for financial aid may use that aid toward the System Study Abroad programs. A limited number of scholarships are available from various sources. Further information may be obtained from the International Education Coordinator or the Vice President for Academic Affairs.

For more information, please contact Dr. Fernando Garcia, the International Education Coordinator, or visit the DSC Study Abroad web site: https://www.daltonstate.edu/academics/getting-started.cms

**International Certificate Instructions**

As you complete your degree, adding the International Certificate will demonstrate your commitment to knowing more about the world and the people of the world around you. The International Endorsement is available to all DSC students in any major and does not require any additional credit hours. Requirements include a combination of curriculum coursework, approved international activity, and your participation in the International Symposium or the annual international event hosted on campus.

Students who complete the International Certificate requirements and graduate from DSC will receive a line on their transcript indicating this distinction.

**How do I earn the Certificate?**

1. Meet with the Coordinator of the Office of International Education (OIE) to be assigned to an International Endorsement Advisor.
2. Enroll using the International Endorsement Application and Checklist.
3. Complete one international activity: Study Abroad or Service Learning Project.
4. Attend at least 3 international events approved by an International Endorsement advisor.
5. Make a presentation on your international activity at the annual DSC International Symposium or the annual international event hosted on campus as a capstone requirement.
6. Complete 15 credit hours in courses with international content. A grade of C or better is required for each class.
7. Notify your International Endorsement Advisor of your completion of the Endorsement requirements.
8. Graduate from DSC.

**International Activity**

Students must complete one or more of the following international activities. Prior to beginning an activity, a student is required to meet with his or her International Endorsement Advisor for approval of the activity.

**Activity Options:**

**Study Abroad**

1. Must be for academic credit.
2. Courses completed in the study abroad program may be used to help satisfy the 15 credit hour course requirement for the Endorsement.

**Service Learning Project**

1. A student must complete a minimum of 60 hours of volunteer service while being enrolled at Dalton State College.
2. Service must be with an “international community.”
3. Service can be either local or abroad.
4. Student must provide written documentation from the volunteer organization verifying participation.

**International Events**

1. Students must attend at least three international events approved by an International Endorsement advisor.
2. These events may be on campus, local or abroad.
3. For each event, students must submit a one-page typed response paper about what they learned.

**Capstone Requirement**

**Annual DSC International Symposium**

A presentation based on your international activity will be given to the DSC community at the annual Symposium. An International Endorsement Advisor or the Coordinator of the Office of International Education must approve presentation materials; or

**Annual DSC International Event on Campus**

A presentation based on your study abroad experience will be given to the DSC community at the annual international event. An International Endorsement Advisor or the Coordinator of the Office of International Education must approve presentation materials.

**Courses with International Content**

Students will choose at least 15 credits from the following list of DSC courses or other approved courses. Any courses completed in a Study Abroad program will count toward fulfillment of this requirement. The courses must be completed with a grade of C or better to fulfill the requirement. Students may use a maximum of two courses from each discipline for this requirement. For example, you may use two HIST and/or two ENGL courses to go toward the 15 credit hours.

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
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<td>ARTS 1100</td>
<td>Art Appreciation</td>
<td>3</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<td>BUSA 3351</td>
<td>International Business</td>
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<td>COMM 4425</td>
<td>Intercultural Communication</td>
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<td>CRJU 3350</td>
<td>Drugs in America</td>
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<td>ECON 3110</td>
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<td>EDUC 2110</td>
<td>Investig Critical/Contem Issue</td>
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<td>Course Code</td>
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<tr>
<td>EDUC 2120</td>
<td>Expl Socio-Cultural Perspect</td>
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<tr>
<td>EDUC 3214</td>
<td>Expl Act in PE, Art &amp; Music</td>
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<td>ENGL 2111</td>
<td>World Literature I</td>
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<td>ENGL 2112</td>
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<td>ENGL 2121</td>
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<td>ENGL 3210</td>
<td>Multi-ethnic American Lit</td>
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<td>ENGL 3235</td>
<td>African-American Literature</td>
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<td>ENGL 3300</td>
<td>Medieval Lit in Translation</td>
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<td>ENGL 3340</td>
<td>Hispanic Lit in Translation</td>
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<td>ENGL 3350</td>
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<td>ENGL 3360</td>
<td>Topics in Asian Literature</td>
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<td>ENGL 4130</td>
<td>Restorat:18th Century Brit Lit</td>
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<td>ENGL 4140</td>
<td>British Romantic Literature</td>
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<td>ENGL 4160</td>
<td>Modern British Literature</td>
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<td>ENGL 4420</td>
<td>Literature Non-Western World</td>
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<td>ESOL 4242</td>
<td>Culture and Education</td>
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<td>FREN 1001</td>
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<td>FREN 2002</td>
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<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
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<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
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<td>HIST 1112</td>
<td>World Civilization since 1500</td>
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<td>HIST 3050</td>
<td>The Ancient Mediterranean</td>
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<td>HIST 3100</td>
<td>History of Latin America</td>
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<td>History of Africa</td>
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<td>HIST 3160</td>
<td>The African Diaspora</td>
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<td>HIST 3200</td>
<td>Traditional China</td>
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<td>HIST 3210</td>
<td>Modern China</td>
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<td>HIST 3230</td>
<td>History of the Middle East</td>
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<td>English History to 1485</td>
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<td>HIST 3310</td>
<td>Tudor-Stuart England</td>
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<td>HIST 3320</td>
<td>History of Britain since 1714</td>
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<td>HIST 3440</td>
<td>Europe in the Middle Ages</td>
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<td>HIST 3460</td>
<td>Renaissance and Reformation</td>
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<td>HIST 3480</td>
<td>Europe in the 19th Century</td>
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<td>HIST 3490</td>
<td>Europe in the 20th Century</td>
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<td>History of Japan</td>
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<td>HIST 3520</td>
<td>France: 1660-1815</td>
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<td>HIST 3540</td>
<td>Modern Russia</td>
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<td>HIST 3940</td>
<td>Special Topics World History</td>
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<td>Expressions of Culture I</td>
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<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<td>POLS 2301</td>
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<td>POLS 2401</td>
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<td>READ 3251</td>
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<td>SOCI 3001</td>
<td>Global Cultures and Societies</td>
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<td>Sociology Latino Family/Cultur</td>
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<td>SOWK 3003</td>
<td>Spanish for Social Services</td>
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<td>SOWK 4301</td>
<td>Social Work w/Latino Clients</td>
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<td>SPAN 1001</td>
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<td>SPAN 1003</td>
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<td>Spanish for Criminal Justice</td>
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<td>SPAN 3001</td>
<td>Adv Conversation/Composition</td>
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<td>SPAN 3002</td>
<td>Literary/Nonliterary Texts</td>
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</table>
BACHELOR’S DEGREE PROGRAMS

School of Arts and Sciences

- Biology (p. 148), B.S. (Secondary Education Certification option (p. 153) available)
- Chemistry (p. 158), B.S. (Secondary Education Certification option (p. 161) available)
- Communication (p. 164), B.A.
- Criminal Justice (p. 168), B.S.
- Criminal Justice eMajor (p. 172), B.S.
- English (p. 178), B.A. (Secondary Education Certification option (p. 185) available)
- Engineering Technology (p. 176), B.A.S.
- Environmental and Sustainability Studies (p. 188), B.S.
- History (p. 189), B.A. (Secondary Education Certification option (p. 195) available)
- Interdisciplinary Studies (p. 198), B.A.
- Mathematics (p. 199), B.S. (Secondary Education Certification option (p. 204) available)
- Mathematics, B.S. (Actuarial Science Concentration (p. 208))
- Psychology (p. 209), B.S.
- Technology Management (p. 213), B.A.S.

Wright School of Business

- Accounting (p. 216), B.B.A., Day/Night Program
- Finance and Applied Economics (p. 218), B.B.A., Day Program
- Logistics and Supply Chain Management (p. 221), B.B.A., Night Program
- Management (p. 224), B.B.A., Day/Night Program
- Management Information Systems (p. 226), B.B.A., Night Program
- Marketing (p. 229), B.B.A, Day Program

School of Education

- Elementary Education (p. 234), B.S.Ed. (ESOL endorsement option available)

School of Health Professions

- Health and Wellness (p. 238), B.S.
- Nursing (RN-BSN) (p. 242), B.S.N.
- Organizational Leadership (p. 240), B.S.
- Respiratory Therapy (p. 245), B.S.
- Social Work (p. 248), B.S.W.
A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, Courses taken in Core Area F may sometimes be used to fulfill minor requirements.

School of Arts and Sciences

- African-American Studies (p. 56)
- Biology (p. 56)
- Chemistry (p. 65)
- Communication Studies (p. 67)
- Criminal Justice (p. 69)
- English (p. 72)
- Geography (p. 85)
- Global Studies (p. 86)
- History (p. 88)
- Latina/o and Latin American Studies (p. 93)
- Mathematics (p. 96)
- Psychology (p. 99)
- Rhetoric and Writing (p. 102)
- Sustainability (p. 106)

School of Business

- Business Analytics (p. 59)
- Business for Non-Business Majors (p. 65)
- Entrepreneurship (p. 76)
- Finance (p. 83)
- Financial Technology (p. 84)
- Forensic Accounting (p. 85)
- Human Resource Management (p. 92)
- International Business (p. 93)
- Management for Non-Business Majors (p. 93)
- Marketing for Non-Business Majors (p. 95)

School of Health Professions

- Health and Wellness (p. 86)

African-American Studies

A minor in African-American Studies includes 15 semester hours of coursework at the 3000-4000 level. Courses that are required in the major may not be applied toward a minor in African-American Studies.

Choose 15 hours from the following upper level courses.

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CRJU 3800</td>
<td>Race, Ethnicity &amp; Crim Justice *</td>
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</tr>
<tr>
<td>ENGL 3235</td>
<td>African-American Literature **</td>
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<tr>
<td>GEOG 3320</td>
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</tr>
<tr>
<td>HIST 3150</td>
<td>History of Africa ***</td>
<td>3</td>
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<tr>
<td>HIST 3160</td>
<td>The African Diaspora ***</td>
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</tr>
<tr>
<td>HIST 3800</td>
<td>Civil Rights Movement ***</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3810</td>
<td>African-American Hist to 1860 ***</td>
<td>3</td>
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</tbody>
</table>

The prerequisite of HIST 3000 is waived for non-History majors pursuing the minor in African-American studies.

The prerequisite ENGL 3010 is waived for non-English majors pursuing the minor in African-American studies.

The prerequisite of HIST 3840 is waived for non-History majors pursuing a minor in African-American Studies.

The prerequisite of HIST 3845 is waived for non-History majors pursuing a minor in African-American Studies.

The prerequisite of HIST 3000 is waived for non-History majors seeking a minor in African-American Studies may not apply African-American Studies courses assigned to their African-American Studies minor to any of their US History courses (3000 or higher) or non-US History courses (3000 or higher).

Biology Minor

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in Biology must include 15 credit hours of biology course work, with at least 9 hours at the 3000-level or above.

Two degree level BIOL courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>BIOL 3000</td>
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<tr>
<td>BIOL 3150</td>
<td>Science and Society</td>
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<tr>
<td>BIOL 3200K</td>
<td>Cellular Biology</td>
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<td>BIOL 3300K</td>
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<tr>
<td>BIOL 3340K</td>
<td>General Microbiology</td>
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<tr>
<td>BIOL 3400K</td>
<td>Genetics</td>
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<tr>
<td>BIOL 3500K</td>
<td>Ecology</td>
<td>3</td>
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<tr>
<td>BIOL 3510K</td>
<td>Plant Biology</td>
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<tr>
<td>BIOL 3520K</td>
<td>Invertebrate Zoology</td>
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<td>BIOL 3550</td>
<td>Conservation Biology</td>
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<td>BIOL 3600K</td>
<td>Ornithology</td>
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<td>BIOL 3700</td>
<td>Field Biology Techniques</td>
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<td>BIOL 3850</td>
<td>Neuroscience</td>
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<td>BIOL 3900</td>
<td>Readings in Biology</td>
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<tr>
<td>BIOL 4000</td>
<td>Senior Seminar</td>
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<td>BIOL 4100</td>
<td>Immunology</td>
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<td>BIOL 4250</td>
<td>Evolution</td>
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<td>BIOL 4275</td>
<td>Bioremediation/Phytoremediatio</td>
<td>3</td>
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<tr>
<td>BIOL 4360K</td>
<td>Comparative Vertebrate A &amp; P</td>
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<td>BIOL 4410K</td>
<td>Molecular Biology</td>
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<td>BIOL 4500K</td>
<td>Biotechnology</td>
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<td>BIOL 4600</td>
<td>Ecotoxicology</td>
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<td>BIOL 4800</td>
<td>Service Learning in Biology</td>
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<td>BIOL 4850K</td>
<td>Human Dissection</td>
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<td>BIOL 4900</td>
<td>Special Topics in Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4960</td>
<td>Research in Biology</td>
<td>3</td>
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</table>

Total Hours 15
Courses

BIOL 1011K. Introduction to Biology. 3-2-4 Units.
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components. Prerequisites: ENGL 0999 unless exempt.

BIOL 1012K. Introductory Biology II w/ Lab. 3-2-4 Units.
This course covers the evolution and diversity of organisms, including microbes, protists, fungi, plants, and animals. Additional topics include body systems, the immune system, reproduction and development, and ecology. For non-biology majors only.

BIOL 1100. Human Biology. 3-0-3 Units.
Prepares students for employment in the health professions. Topics include basic chemistry, cell biology, genetics, and digestive, excretory, respiratory, circulatory, endocrine, reproductive, and skeletal systems. Laboratory demonstrations and practices are included. (Career Course) (F,S,M)

BIOL 1105K. Environmental Studies. 3-2-4 Units.
Focuses on the interrelationship of the biological and physical components of the environment and the impact of human activities on the biosphere. (F,S,M)
Prerequisites: ENGL 0999 unless exempt.

BIOL 1107H. Honors Principle of Biology I. 3-2-4 Units.
Introduces fundamental unifying principles of biology. Topics include scientific method, biological chemistry, cell structure and function, energetics, cell division, genetics and evolution. (F,S,M)
Prerequisites: ENGL 0999 unless exempt.

BIOL 1108K. Principles of Biology II. 3-2-4 Units.
Continuation of BIOL 1107K. Topics include the structure and function of the following animal, including human, systems: nervous, circulatory, immune, respiratory, digestive, excretory, endocrine, and reproductive, as well as diversity, development, behavior and ecology. (F,S,M)
Prerequisites: BIOL 1107K.

BIOL 1203K. Principles of Botany. 3-2-4 Units.
Introduces students to plant cell biology, anatomy, physiology, genetics, biotechnology, economic importance, diversity, and classification. Teaches students sterile technique, basic plant tissue culture, and techniques for microscopic observation of plants. (S)
Prerequisites: ENGL 0999 unless exempt.

BIOL 1224K. Entomology. 3-2-4 Units.
Presents an introduction to the anatomy, biology, and behavior of insects. The laboratory emphasizes classification and identification of insects to family, which are required as part of assembling a collection during the course. (F)
Prerequisites: ENGL 0999 unless exempt.

BIOL 2212K. Anatomy and Physiology I. 3-3-4 Units.
Focuses on the study of human anatomy and physiology. Topics include chemistry, cells, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study.) (F,S,M)
Prerequisites: BIOL 1107K, except Associate of Science in Nursing (2 year) majors, Associate of Applied Science in Radiologic Technology and Associate of Applied Science in Respiratory Therapy.
Prerequisites: ENGL 0999 unless exempt.

BIOL 2213K. Anatomy and Physiology II. 3-3-4 Units.
Continues the study of human anatomy and physiology begun in BIOL 2212. Topics covered include the circulatory-lymphatic, immune, respiratory, digestive-metabolic, excretory, and reproductive systems and human development and heredity. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 2212K or permission of MLT advisor.

BIOL 2215K. Microbiology. 3-2-4 Units.
Introduces students to the biology of viruses, bacteria, fungi, and protozoan and animal parasites. Teaches students the fundamental principles of microbiology with special emphasis on the relationships of microbes to man. Trains students to isolate, culture, and identify microbes in a laboratory. (This course will satisfy an Area D or Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 1107K or BIOL 2212K.

BIOL 2270. Ethical Issues in Science. 2-0-2 Units.
Provides an introduction to basic ethical concepts and develops the concept of ethical decision-making and how this applies to the increasing number of biological ethics decisions made daily. A variety of bioethical questions will be proposed and students will explore the science and social science aspects of each particular question. (F,S)
Prerequisites: BIOL 1108K.

BIOL 3000. Research Methods in Biology. 3-0-3 Units.
Prepares students for independent research by training them in laboratory safety, storage and disposal of reagents, standard methods and equipment used for research in a range of specialties and the ethical conduct of research. Students will develop skills in critical analysis of literature, experimental design, project proposal preparation, maintain lab log books, data analysis, time-management and oral and written presentation of results. This class is a suggested pre or co-requisite for BIOL 3900 and BIOL 4960. (F,S)
Prerequisites: BIOL 1108K, COMM 1110, MATH 2200 or MATH 1401.

BIOL 3150. Science and Society. 3-0-3 Units.
This course provides historical and contemporary perspectives on the roles of science and technology in society. Specific historical periods will be reviewed, with selected biographical information to gain a social perspective relative to an individual scientist’s contributions to a field, and the impact of science and technology on society. Current topics will be covered. Potential topics may include vaccines (e.g. historical research, currently available vaccines, and social controversies related to usage), climate change (e.g. aspects of ecology, evolution, energy policy & technology), reproductive biology (e.g. birth control, abortion), aging (e.g. theories of aging, medical treatments for age-related pathologies, social and economic costs), or other regional scientific issues and history.
Prerequisites: BIOL 2270, instructor approval for Study Abroad program and Upper division eligibility.
BIOL 3200K. Cellular Biology. 3-3-4 Units.
An exploration of the basic unit of living organisms. Study of the structure and function of cellular structures with emphasis on the unifying nature of cell membrane systems, cellular energetics, motility and transport intercellular interactions, cellular communication, and cell division. Laboratory experiences introduce basic cytological study techniques. (F,S)
Prerequisites: BIOL 1108K, CHEM 1212K.
Corequisites: CHEM 3211K.

BIOL 3300K. Developmental Biology. 3-2-4 Units.
Introduces students to the developmental process in animals with the formation of gametes through the embryonic stages, birth, maturation and aging. Anatomical development, experimental embryology and the molecular mechanisms of cell differentiation will be covered. Laboratory techniques in developmental biology including animal cell and tissue cultures will be utilized. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 3340K. General Microbiology. 3-2-4 Units.
Introduces students to the biology of noncellular, prokaryotic, and eukaryotic microorganism. Topics include microbial metabolism, genetics, systematics, pathogenesis, epidemiology, and ecology. The history of microbiology, host defense against disease, and human exploitation of microbes will also be studied. The laboratory introduces students to the culture and identification of microorganisms. (Fall as enrollment requires)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3400K. Genetics. 3-3-4 Units.
A study of Mendelian principles, molecular genetics and population genetics. Topics include simple Mendelian inheritance, extensions of Mendelian inheritance, linkage, genetic mapping, quantitative inheritance, population genetics, prokaryotic genetics, and molecular genetics. (F,S,M)
Prerequisites: BIOL 3200K, CHEM 3211K; Corequisite: CHEM 3212K.

BIOL 3500K. Ecology. 3-3-4 Units.
A study of the interrelationships of organisms with their physical and biological environment. Topics include an exploration of adaptations, population structure and dynamics, organization and classification of communities, and nutrient and energy flows in ecosystems. (F,S,M)
Prerequisites: BIOL 1108K.
Corequisites: CHEM 1211K.

BIOL 3510K. Plant Biology. 3-3-4 Units.
An in-depth examination of the structures, growth, reproduction, competition, survival, and diversity of plants. (S)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3520K. Invertebrate Zoology. 3-3-4 Units.
An in-depth examination of the taxonomy, morphology, physiology, and evolution of the more common invertebrate phyla. A study of the distribution and interspecific relationships among invertebrates and other forms of life. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3550. Conservation Biology. 3-0-3 Units.
An in-depth study of the biological aspects of environmental crises and how principles from major areas in biology can provide solutions to the conservation of species and ecosystems. Major topics will include population ecology, population genetics, and community ecology. Because of the interdisciplinary nature of conservation we will discuss the social and political aspects of the field. Supplemental readings will come from primary literature. A semester long project which requires developing a management plan for a novel environmental problem is required. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3600K. Ornithology. 3-3-4 Units.
Birds have been the subjects of scientific investigation for centuries, and research on birds has contributed much to our modern understanding of morphology, physiology, behavior, ecology, evolution, and global change. The purpose of this course is to investigate these myriad but interrelated topics with birds as our focus in both lecture and laboratory settings. The course will involve hands-on learning of ornithology using traditional lecture and lab activities along with experimental design and research. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3700. Field Biology Techniques. 3-0-3 Units.
This course is designed to expose students to standard field techniques for collecting habitat and specimen data. Additionally, this course is designed to expose students to current peer reviewed literature, learn basics of scientific writing and grant writing, and explore career options for students in biology. (Summer, Even Years)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 3850. Neuroscience. 3-0-3 Units.
This course introduces the cellular mechanisms of neural signals, neural systems for sensory and motor functions, and the basics of higher order brain functions. Research techniques are discussed in the context of the material. (Fall as enrollment requires)
Prerequisites: BIOL 3200K, CHEM 1212K.

BIOL 3900. Readings in Biology. 2-0-2 Units.
Independent study of the literature within a topic of current research in Biology. (F,S,M)
Prerequisites: 12 hours of Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BIOL 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of biology. (F,S)
Prerequisites: 19 hours of 3000/4000 level Biology.

BIOL 4100. Immunology. 3-0-3 Units.
Provides an introduction to the cellular and molecular basis of the immune response, which includes antigen presentation, immunogenetics, effector mechanisms, and medical immunology. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 4250. Evolution. 3-0-3 Units.
A study of the principles of evolutionary biology including discussions of natural selection, adaptation, population genetics, speciation, and phylogeny reconstruction, and the distribution, abundance and adaptations of living organisms as mediated by the environment and natural selection. (F,S,M)
Prerequisites: BIOL 3400K, CHEM 1212K.
BIOL 4275. Bioremediation/Phytoremediation. 3-0-3 Units.
Bioremediation and phytoremediation use microbes and plants, respectively, in the treatment of contaminated soils and water. These methods are increasingly utilized at sites requiring remediation, either individually or in conjunction with more traditional remediation techniques. This course will examine the histories, theories, benefits, drawbacks and applications of various bioremediation and phytoremediation techniques of organic and inorganic pollutants. Some of the techniques addressed will be natural attenuation, biodegradation, bio filtration, phyto extraction and phyto stabilization. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 4350K. Comparative Vertebrate A & P. 3-3-4 Units.
Broad comparative analysis of vertebrate morphology by considering anatomical structure and function and the integration of these structures in the individual organism, as well as the functional process of vertebrate organs and organ systems, and their physiological integration. Consideration will be given to the relationship between structure and functional demands of vertebrates to particular environments as well as the details of each vertebrate organ system, emphasizing the structure-function relationship of the organs/organ systems, and the range of structural and evolutionary modifications of organ systems seen in different vertebrate classes. (Spring as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 4410K. Molecular Biology. 3-3-4 Units.
In depth examination of the molecular aspects of cell structure and function, emphasizing the chemical and molecular basis of cellular physiology. Addresses genetic function at the chromosomal and molecular levels, gene expression, and regulation. (Spring as enrollment requires)
Prerequisites: BIOL 3400K, CHEM 3211K.

BIOL 4500K. Biotechnology. 3-3-4 Units.
A study of the applied aspects of biochemistry and molecular biology in various fields, with emphasis on the use of recombinant DNA methods and protein engineering. (Fall as enrollment requires)
Prerequisites: BIOL 3400K.

BIOL 4600. Ecotoxicology. 3-0-3 Units.
This course provides an introduction to the field of ecotoxicology, classes of contaminants, mechanisms of action, biomarkers, and effects at the individual, population, and community level. Also included will be historical background of the field and the history of environmental legislation in the United States. (Fall as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 4800. Service Learning in Biology. 0-0-2 Units.
Independent internship with a field of biology or lecture assistantship or laboratory assistantship within a biology course at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M) Students with a laboratory assistantship must have successfully completed the course with a B or better.
Prerequisites: 12 hours of Biology and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BIOL 4850K. Human Dissection. 0-4-3 Units.
This is a laboratory course that requires dissection of a human cadaver which will be used as an instructional aid in other courses at Dalton State. Students will review the history of cadaver use, demonstrate various dissection techniques and knowledge of medical human anatomy. (S) Prerequisites are 3 upper level BIOL courses and permission of the instructor.

BIOL 4900. Special Topics in Biology. 3-0-3-4 Units.
Advanced concepts in biology will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. Course may be repeated for credit when topic differs. (Offered as Needed)
Prerequisites: BIOL 3400K and 3 additional upper level Biology courses.

BIOL 4960. Research in Biology. 0-0-1-3 Unit.
Research project conducted by a student under guidance of a faculty member. Repeatable for a maximum of 4 hours. (F,S,M) Justification: These were rewritten by the URC to facilitate getting TAs/Research students in lower level classes. We still require both instructor and chair approval, as before.
Prerequisites: 16 hours Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

**Business Analytics MINOR**
A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

**FOR BUSINESS MAJORS**
The Business Analytics minor offers business majors the opportunity to master the ever-growing fields of business analytics, data mining, and database management systems. This minor provides business students with experience in business processes through simulations to prepare for jobs in information security, computer systems analysis, management or financial analysis. Students learn underlying trends in Big Data to improve organizations’ growth and profitability.

**Required Courses**
- BUSA 3532  Bus Analytics/Data Mining  3
- LSCM 4255  Business Process Simulations  3
- MGIS 3356  Database Management Systems (*)  3
- or MGIS 4360  Databases/Big Data & Analytics  3
*Non-MGIS Majors should take MGIS 3356. MGIS Majors are required to take MGIS 4360.

**Elective Courses**
Select two elective courses the student is qualified to take: 6
- ACCT 3600  Accounting Information Systems
- ECON 4101  Applied Econometrics
- LSCM 4253  Integrated Material/Supply Chn
- LSCM 4503  Quality Management Systems
- MGIS 3352  Management Application Prog I
- MGIS 3353  Management Applications Programming II
MGIS 4360  Databases: Big Data & Analytics (**)  
* Grade of C or higher required.  
** For Non-MGIS majors only.

| Total Hours | 15 |

FOR NON-BUSINESS MAJORS

The Business Analytics minor for non-business majors provides students with concentrated training in data analytics. The goal of the minor is to teach key skills of data mining, simulation, database, to non-business majors. In addition the focus is on optimization to both understand and recognize the opportunities created with analytics for improving business decision-making.

Some business courses available as electives may require prerequisites beyond what a student is required to take for the minor. Students choosing this minor are encouraged to meet with your Wright School of Business (WSOB) academic advisor prior to course selection and registration. Contact our WSOB Professional Advisor at bizadvisor@daltonstate.edu.

Required Courses

| BUSA 3055 | Quantitative Analysis Bus Prob | 3 |
| BUSA 3532 | Bus Analytics/Data Mining | 3 |
| MGIS 3356 | Database Management Systems * | 3 |
| or MGIS 4360 | Databases: Big Data & Analytics | 3 |

*Non-ITEC Majors should take MGIS 3356. ITEC Majors are required to take MGIS 4360.

Elective Courses

Select two elective courses the student is qualified to take: 6

- ACCT 3600  Accounting Information Systems
- ECON 4101  Applied Econometrics
- LSCM 4253  Integrated Material/Supply Chn
- MGIS 3352  Management Application Prog I
- MGIS 3353  Management Applications Programming II
- MGIS 4360  Databases: Big Data & Analytics **

** For Non-ITEC majors only.

Total Hours 15

Accounting Courses

ACCT 2101. Principles of Accounting I. 3-0-3 Units.  
Studies the concepts and standards for presentation and disclosure of general purpose financial statements in accordance with GAAP. The focus is on financial statement analysis and the theory and issues related to measurement of assets. (F (Day & Evening))  
Prerequisites: Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

ACCT 3100. Intermediate Accounting I. 3-0-3 Units.  
Stresses the study of financial and non-financial information for reporting financial information to outside users. Stresses the underlying theory and application of accounting concepts. (Day & Evening), S (Day & Evening), M (Online))  
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 3200. Intermediate Accounting II. 3-0-3 Units.  
Focuses on theory and issues related to recognition and measurement of liabilities, stockholders’ equity, and other issues related to financial reporting. (S (Day & Evening))  
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 3300. Tax Accounting & Reporting I. 3-0-3 Units.  
Examines the federal taxation of individuals and taxation of property transactions. Tax research and ethics and responsibilities for accounting professionals are also introduced. (F (Day & Evening))  
Prerequisites: Upper Division Eligibility, ACCT 3101, ACCT 2102, both with a ‘C’ or better.

ACCT 3500. Forensic Accounting. 3-0-3 Units.  
A study of the various techniques for preventing, detecting, and resolving occupational fraud. (M (Evening))  
Prerequisites: Upper Division Eligibility, ACCT 2101 with a ‘C’ or better.

ACCT 3800. Accounting Information Systems. 3-0-3 Units.  
The course will also introduce students to computerized accounting information systems such as SAP. Other major topics covered will include internal controls, enterprise risk management, big data in accounting, forensic techniques, and auditing through an AIS. Students will learn to solve accounting problems and perform data analytics using spreadsheet, database, and visualization applications such as Excel, Access, and Power BI. (S (Online))  
Prerequisites: Upper-division eligibility and ACCT 3100 with a C or better.

ACCT 3800. Understanding Financial Statement. 3-0-3 Units.  
This course focuses on the understanding, interpreting, and analyzing of financial statements for corporations, local governments, and nonprofit organizations. (F (Day), S (Evening), M (Online))  
Prerequisites: Upper Division Eligibility, ACCT 2012 with a ‘C’ or better.

ACCT 4100. Advanced Accounting. 3-0-3 Units.  
Explores the federal taxation of business entities, including C corporations, partnerships, S corporations, estates, and trusts. Analyzes the treatment of property transactions within these entities. (S (Evening))  
Prerequisites: Upper Division Eligibility, ACCT 3300 with a ‘C’ or better.
ACCT 4700. Independent Study in Acct. 0-0-3 Units.
Supervised in-depth individual research and study of one or more current topics in Accounting in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3200 with a 'C' or better.

ACCT 4701. Auditing and Attestation. 3-0-3 Units.
Examines auditing procedures, standards, and other attestation issues. (F (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a 'C' or better.

ACCT 4800. Special Topics in Accounting. 3-0-3 Units.
Examines current, relevant topics in the field of Accounting. Each special topic course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3100 with a 'C' or better.

ACCT 4900. Accounting Internship. 0-0-3 Units.
Provides students with on-site work experience in Accounting through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Accounting internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3100 (Grade 'C' or Better), plus an additional 3 credit hours of upper division ACCT, and 3 credit hours of any upper division business course with a 'C' or better.

Business Administration Courses
BUSA 2106. The Environment of Business. 3-0-3 Units.
Introduces the political, social, legal, ethical, environmental, and technological issues that affect or are affected by business decisions. Topics include stakeholder analysis, social responsibility, ethics, globalization, business-government relations, and fair trade. (F (Day & Evening), S (Day & Evening))
Prerequisites: MATH 1101 or higher.

BUSA 2201. Fundamentals of Computer Appli. 3-0-3 Units.
Assures a basic level of computer applications literacy to include spreadsheet, database, word processing, and presentation software. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: MATH 1101 or higher.

BUSA 2850. Business Statistics. 3-0-3 Units.
Emphasizes applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, hypothesis testing, and linear regression. Microsoft Excel is an integral part of the course and is used in all aforementioned topics. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: BUSA 2201, MATH 2181 (or concurrent).

BUSA 3000. Environmental Law and Policy. 3-0-3 Units.
Survey of national and state agencies and provisions of environmental laws and ordinances at all levels of government, including NEPA, Endangered Species Act, Clean Water Act, Clean Air Act and CERCLA. This course has a web component.
Prerequisites: Upper Division Eligibility.

BUSA 3050. Business Statistics. 3-0-3 Units.
Emphasizes applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, hypothesis testing, and linear regression. (F, S)
Prerequisites: MATH 2181 or concurrent, Upper Division eligibility.

BUSA 3055. Quantitative Analysis Bus Prob. 3-0-3 Units.
Develops analytical skills for business decision making using Microsoft Excel. Topics include time-series forecasting, profit models, optimization, simulation and decision analysis. Excel is used in all of the aforementioned topics extensively. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility and BUSA 2850.

BUSA 3060. Business Law. 3-0-3 Units.
Covers the source of law and courts, and introduces tort law along with the historical, economic, political and ethical considerations in business and the impact of regulatory and administrative law on business. Topics include property law, contracts, and environmental issues. (F (Day & Evening), S (Day))
Prerequisites: Upper Division Eligibility.

BUSA 3070. Business Ethics. 3-0-3 Units.
Defines ethics, explores models of personal ethics, and reviews ethics in a variety of professional fields. In addition the course examines the relationship between business ethics and corporate social responsibility. Topics include corporate governance, trust and honesty in business, the role of ethics in managerial decision-making and behavior, the ethical use of information, and international ethics. (F (Day), S (Day & Evening))
Prerequisites: Upper Division Eligibility.

BUSA 3301. Business Communications. 3-0-3 Units.
This course is designed to prepare students to write and speak in a variety of business settings; to communicate effectively with business audiences by addressing strategic issues such as crisis communication, management of communication programs in a social media environment; communication skills with new technologies; and building key strategic and interpersonal relationships in business. The course also emphasizes basic skills in report writing and researching for sources, as well as writing effective business memos. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: BUSA 2106, COMM 1110, and ENGL 1102

BUSA 3351. International Business. 3-0-3 Units.
This course provides a broad overview of international business and trade, and the impact of the international business environment on management decisions. Topics of the course include international business basics such as trade, barriers to trade, and the relationship between international business and international relations; effects of international business decisions of culture, political, legal, and economic forces; effects of government intervention and the role of social and economic aid organizations. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, ECON 2105 or ECON 2106, both with a 'C' or better.

BUSA 3360. Business Negotiation Skills. 3-0-3 Units.
Students will develop the negotiation skills needed to produce more creative and satisfying agreements and avoid the worst kind of compromises. The class will focus on using theory and negotiation simulation exercises as the primary pedagogical tool. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and BUSA 3301 with a 'C' or better.
BUSA 3400. Quantitative Theory/Tech Mngt. 3-0-3 Units.
This is a one-semester course covering techniques, methods and applications of differential and integral calculus. As the name indicates, this course deals with calculus and its applications, especially those concerned with business and social sciences. Topics to be discussed will include: differentiation and anti-differentiation of algebraic, exponential, and logarithmic functions; applications of differentiation and integration; and functions of two variables. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in the BAS program. (As Needed) Prerequisites: Earned AAS, AAT or equivalent from a regionally accredited institution is required.

BUSA 3532. Bus Analytics/Data Mining. 3-0-3 Units.
The course introduces students to business analytics and data mining. Topics include introduction to business analytics, data visualization, data transformation, cluster analysis, association analysis, decision trees, logistics regression, neural network and model performance evaluation. (S (Evening))
Prerequisites: Upper Division Eligibility, BUSA 2850 or MATH 2200 both with a ‘C’ or better.

BUSA 3700. Business Admin Internship. 0-0-0 Units.
Provides students with on-site work experience in Business Administration through an internship experience with a pre-approved employer. This is a non-credit course. (F, S, M) Prerequisites: Upper Division Eligibility and approval from internship faculty advisor.

BUSA 3701. Prof Development Seminar. 1-0-1 Unit.
This class is designed to aid students in transitioning from the academic world to a professional business work environment. It will provide students with experience in applying for jobs, interviewing, networking, and business etiquette as well as expose them to other relevant and timely topics for advancing in the business world. (F (Day), S (Day))
Prerequisites: Upper Division Eligibility and BUSA 3301 with a ‘C’ or better.

BUSA 4700. Business Admin Internship. 0-0-0 Units.
Provides students with on-site work experience in Business through an internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Business internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M) Prerequisite (s): Upper Division Eligibility and 9 credit hours of upper division in ACCT, BUSA, MARK, MGIS, MNGT, or OPMT of which 3 credit hours must be in BUSA; and all with a ’C’ or better.

BUSA 4900. Business Internships. 0-0-3 Units.
Provides students with on-site work experience in Business through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Business internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M) Prerequisites: Upper Division Eligibility and 9 credit hours of upper division in ACCT, BUSA, MARK, MGIS, MNGT, or OPMT of which 3 credit hours must be in BUSA; and all with a ’C’ or better.

Economics Courses

ECON 2105. Principles of Macroeconomics. 3-0-3 Units.
Describes and analyzes macroeconomic principles. Topics covered include the scope and method of economics, national income/output analysis, employment/unemployment, inflation, fiscal policy, monetary policy, and international finance. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of ‘C’ or better.

ECON 2106. Principles of Microeconomics. 3-0-3 Units.
Describes and analyzes microeconomic principles. Topics covered include demand and supply theory, output and price determination, market structure, income distribution, government regulation of business, labor organizations, and international trade. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of ‘C’ or better.

ECON 3109. Managerial Economics. 3-0-3 Units.
Economics is frequently described as the science of decision-making under scarcity (at any given time we want more things than we can obtain, given available resources) and this is a good description of the subject of this course. Students will apply economic tools and basic statistics to solve managerial problems faced by entrepreneurs, managers and government regulators. Typical topics include demand analysis and estimation, consumer theory, cost functions, market structures and other microeconomic subject. (S (Day), M (Day))
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a ‘C’ or better.

ECON 3110. International Trade. 3-0-3 Units.
An introduction to international trade, with a focus on comparative advantage and gains from trade. Covers conventional trade models, trade policy with a focus on tariffs and quotas, measurement of a nation’s balance of payments, foreign exchange rate determination, and operation of the international monetary system, and global organizations such as the World Trade Organizaiton (WTO) and trade agreements such as the North American Free Trade Agreement (NAFTA). (As Needed)
Prerequisites: Upper Division Eligibility, ECON 2105 (concurrent), ECON 2106, both with a ‘C’ or better.

ECON 3112. Money and Banking. 3-0-3 Units.
Presents a comprehensive upper-level course in financial institutions, financial markets, bank management, and money and banking. This introduction to the operation of the US financial system describes the US financial institutions, instruments and markets; explains how the financial system interacts with the rest of the economy; and considers how the system changes through time. (F (Day))
Prerequisites: Upper Division Eligibility and ECON 2105 with a ‘C’ or better.
ECON 4101. Applied Econometrics. 3-0-3 Units.
Standard econometric techniques are applied to various topics in economics. Techniques include models for cross-section data, such as limited dependent variable models, selectivity techniques, count data models, and models for panel data. Students will conduct statistical analyses and model evaluation. (S (Day))
Prerequisites: Upper Division Eligibility, BUSA 2050, BUSA 2850, BUSA 3050, or MATH 2200, all with a 'C' or better.

ECON 4700. Independent Study Economics. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in economics in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a 'C' or better.

ECON 4800. Special Topics in Economics. 3-0-3 Units.
Examines current, relevant topics in field of Economics. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility.

ECON 4900. Economics Internships. 0-0-3 Units.
Provides students with on-site work experience in economics through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the economic internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade 'B' or Better), plus an additional 3 credit hours of upper division FINC or ECON, and 3 credit hours of any upper division business course, all with a 'C' or better.

Logistics Supply Chain Mngt Courses

LSCM 3251. Principles of Supply Chain Mng. 3-0-3 Units.
Introduces students to an organization’s resources and processes in its efforts to create products or services. The set of resources planned and managed includes the work force, equipment, materials and information. Topics include coverage of operations strategy and managing change, product design, process selection and planning, and controlling the supply chain. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2850 with a 'C' or better.

LSCM 3257. Object Oriented Programming. 3-0-3 Units.
Uses structured programming language for problems related to supply chain management. Emphasis is placed upon development of remote execution programming through LAMP paradigm. Topics include integrated use of operating systems, specialized server software, database and object oriented programming languages applied to problems related to supply chain management. (As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2201 with a ‘C’ or better.

LSCM 4253. Integrated Material/Supply Chn. 3-0-3 Units.
Examines the technology, tools, and practices of modern integrated materials sourcing and logistics. Topics include distribution requirements planning, continuous replenishment, just-in-time, and efficient replenishment. (S (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.

LSCM 4255. Business Process Simulations. 3-0-3 Units.
Covers the basic techniques for computer simulation modeling and analysis of business processes in manufacturing and service industries. Course emphasis is on conceptualizing abstract models of real-world systems (for example, inventory or queuing systems), implementing simulations in Excel and special purpose software (ProModel), production planning and control simulation studies, experimental design, and analyzing simulation output. (F (Online))
Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251 both with a 'C' or better.

LSCM 4256. Application Programming SCM. 3-0-3 Units.
Combines database theory and techniques such as tables, queries, forms, reports, and sequential programming with optimization theory to create user friendly applications to support supply chain management. (As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2850 with a 'C' or better.

LSCM 4288. Logistics. 3-0-3 Units.
Examines the fundamental elements of channel systems and various institutions that utilize such systems. Distribution models that describe different industries will be investigated. These models will include ways to assess the legal environment and how price is impacted by channel relationships. (F (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251.

LSCM 4503. Quality Management Systems. 3-0-3 Units.
Examines the continuous quality management and improvement philosophy. Topics include strategic management, quality assessment, teams, the role of leadership, lean manufacturing, tools for improving, quality processes, techniques for charting attribute and variable data, Statistical Process Control, Six-Sigma, and lean manufacturing. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251, both with a ‘C’ or better.

LSCM 4580. Supply Chain Management System. 3-0-3 Units.
Covers the major components of supply chain management systems that support the major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system.
Prerequisites: Upper Division Eligibility, BUSA 3055, MARK 3010, MGIS 3351 and LSCM 3251.

LSCM 4700. Independent Study LSCM. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Logistics and Supply Chain Management in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.
LSCM 4701. Global Strat Supply Chain Mngt. 3-0-3 Units.
This course will provide students with current and emerging textbook theories about global SCM strategies along with participation in a cumulative live case study experience for the Operations and Supply Chain Management Major. Students will use the knowledge gained in the previous courses in Logistics and Supply Chain Management to develop operational strategies for business applications. The case project will allow students to solve practical problems at a manufacturing/service firm with faculty supervision. Student teams will address significant operational problems and identify improvement opportunities. Teams will write recommendation/implementation reports, oversee pilot/full-scale implementations when feasible, and make presentations of their work to faculty and members of the companies involved. (S (Evening))
Prerequisites: Upper Division Eligibility, have completed 9 hours of upper division coursework, completed or concurrently taking LSCM 4253, and LSCM 4288.

LSCM 4800. Special Topics LSCM. 3-0-3 Units.
Examines current, relevant topics in the field of Logistics and Supply Chain Management. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a 'C' or better.

LSCM 4900. LSCM Internship. 0-0-3 Units.
Provides students with on-site work experience in Logistics and Supply Chain Management through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Operations Management internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, LSCM 3251 (Grade of 'B' or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a 'C' or better.

Management Information Systems Courses

MGIS 3351. Principles Mgmt Info Systems. 3-0-3 Units.
Covers essential business aspects of information systems such as networks, databases, the Internet, management reporting, software development, computer hardware, and information ethics. The course also examines the use of information systems for managerial decision-making and for gaining strategic advantage. Students will utilize basic programming concepts to develop a small application. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2201 with a 'C' or better.

MGIS 3352. Management Application Prog I. 3-0-3 Units.
Develops a knowledge of language and file structures for computer-based business applications using a major business procedural-oriented programming language. Students will write computer programs on individual and/or team projects. (F (Evening))
Prerequisites: Upper Division Eligibility and BUSA 2201 with a 'C' or better.

MGIS 3353. Management Applications Programming II. 3-0-3 Units.
Emphasizes top-down design, structured techniques, testing and modularity. Emphasis placed on development of correct efficient programs that are easy to maintain. Includes problem analysis, problem design, documentation, testing and debugging. Introduces application development using an object-oriented language. (S (Evening))
Prerequisites: Upper Division Eligibility, BUSA 2201 and MGIS 3352, both with a 'C' or better.

MGIS 3354. Telecommunications Management. 3-0-3 Units.
Provides an understanding of telecommunications and data communications technologies, voice communications and data networks, protocols, standards and management. Topics include transmission media, data communications, and voice and data technology. (F (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3351 or concurrent.

MGIS 3356. Database Management Systems. 3-0-3 Units.
Focuses on the use of database systems in business to support information systems and decision-making. Topics include database concepts, data modeling, database design and development, administration of database systems, and database technologies. Students will have hands-on experience developing a database application. (F (Evening))
Prerequisites: Upper Division Eligibility; Corequisite: MGIS 3351.

MGIS 3390. Management of IS Security. 3-0-3 Units.
Provides a managerial overview of IS security and basic IS security principles while examining operational, technical, and administrative aspects of the topic. This course enables students to improve their IS security management skills and software competencies through a thorough investigation of the major concepts and techniques used in enterprise architecture and IS security. It also covers much of the common Body of Knowledge of the CISSP Exam. (F (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3351 with a 'C' or better.

MGIS 4358. Web-based MIS. 3-0-3 Units.
Examines the process of developing business information systems with a significant web component. Topics include organizational considerations involved in developing and maintaining a web-enhanced MIS, and system considerations such as usability and other human-computer interaction (HCI) issues, general and database web-design principles, and programming of web-enhanced systems. Students will develop a web site for a real or hypothetical organization. (S (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3356; Corequisite: MGIS 3353.

MGIS 4360. Databases: Big Data & Analytics. 3-0-3 Units.
Provides an overview of database management systems for big data and analytics. Topics include an overview of analytics and related data requirements, data modeling, data management and an introduction to prominent types of database systems designed to support big data and analytics. Students will have hands-on experience with various database technologies. (S (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3356 with a 'C' or better.

MGIS 4580. Supply Chain Management System. 3-0-3 Units.
Covers the major components of supply chain management systems that support major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system. (F (Evening))
Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251, MARK 3010, and MGIS 3351, all with a 'C' or better.

MGIS 4700. Independent Study MGIS. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in MIS in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)
Prerequisites: Upper Division Eligibility, and MGIS 3351 with a 'C' or better.
MGIS 4701. Systems Analysis & Design. 3-0-3 Units.
Examines the process of developing business information systems. Topics include requirements analysis and specification, systems modeling, and systems design techniques. Structured and object-oriented tools and techniques are introduced. A major component of the course is the analysis, design and development of a business system as a term project. (S (Evening))
Prerequisites: Upper Division Eligibility, MGIS 3352 and MGIS 3356 (formerly MGIS 4356), both with a ‘C’ or better.

MGIS 4800. Special Topics in MIS. 3-0-3 Units.
This special topics course for provides an overview of database management systems for big data and analytics. Topics include an overview of analytics and related data requirements, data modeling, data management and an introduction to prominent types of database systems designed to support big data and analytics. Students with have hands-on experience with various database technologies.(F,S,M)
Prerequisites: Upper Division Eligibility and MGIS 3351 with a ‘C’ or better.

MGIS 4900. Mgmt Info System Internships. 0-0-3 Units.
Provides students with on-site work experience in Management Information Systems through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Information Systems internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.(F,S,M)
Prerequisites: Upper Division Eligibility, MGIS 3351 (Grade of ‘B’ or Better), plus an additional 3 credit hours of upper division MGIS, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

Business for Non-Business Majors

The Business Minor for Non-Business Majors is designed to provide students from a variety of disciplines with knowledge of basic business principles. Students will gain knowledge in accounting, micro- and macroeconomics, marketing, management, and the environment of business. For students with a desire to work in a business setting including health-care, non-profit or the corporate environment, or students who are transitioning to a managerial position within their field of study, this minor provides an overview of the world of business with exposure to key functional areas.
Some business courses available as electives may require prerequisites beyond what a student is required to take for the minor. Students choosing this minor are encouraged to meet with their WSOB academic advisor prior to course selection and registration. Contact our WSOB Professional Advisor at: bizadvisor@daltonstate.edu.

Minor

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

Elective Courses*:
Select one Upper Level (3000-4000) Business Course the student is qualified to take**
**BUSA 3100, BUSA 3200, BUSA 3300, and BUSA 3400 cannot be used as electives
* Grade of C or higher required.

Total Hours 18

Chemistry

Minor

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in Chemistry must include 15 credit hours of chemistry course work, with at least 9 hours at the 3000-level or above.

Two CHEM Electives 6
CHEM 3311K Quantitative Analysis 4
Two of the following Upper Electives: 5
CHEM 3211K Organic Chemistry I
CHEM 3212K Organic Chemistry II
CHEM 3312K Instrumental Methods of Analysis
CHEM 3411K Physical Chemistry I
CHEM 3412K Physical Chemistry II
CHEM 3500 Biochemistry
CHEM 3700K Environmental Chemistry
CHEM 3900 Readings in Chemistry
CHEM 4000 Senior Seminar
CHEM 4110K Advanced Inorganic Chemistry
CHEM 4420 Adv Organic Spectroscopy
CHEM 4430 Advanced Organic Chemistry
CHEM 4800 Service Learning in Chemistry
CHEM 4860 Internship in Chemistry
CHEM 4900 Special Topics in Chemistry
CHEM 4960 Research in Chemistry

Total Hours 15

Courses

CHEM 1151K. Survey of Chemistry. 3-3-4 Units.
Introduces the fundamentals of chemistry including general principles of atomic structures, bonding, reactions, gases, water, solutions, pH and elementary organic chemistry and biochemistry.(S)
Prerequisites: MATH 1001, 1101, or 1111 and ENGL 0999 unless exempt.

CHEM 1211K. Principles of Chemistry I. 3-3-4 Units.
Explores the discipline of chemistry through an understanding of the basic laws and properties of matter, stoichiometry, atomic structure, chemical bonding, gas laws, solutions and the physical states of matter. Requires laboratory experimentation which illustrates applications of concepts studied in lecture.(F,S,M)
Prerequisites: MATH 1111 with a grade of ‘C’ or better, ENGL 0999 unless exempt.
CHEM 1211K. Principles of Chemistry II. 3-3-4 Units.
Continues the exploration of the discipline of chemistry begun in CHEM 1211. Focuses on the more quantitative aspects of chemistry including chemical equilibria, kinetics, acid-base, solubility product, electrochemistry and coordination compounds. Requires laboratory development of techniques necessary to identify common metallic and non-metallic ions. (F,S,M)
Prerequisites: CHEM 1211K.

CHEM 2000. Scientific Communication. 2-0-2 Units.
An introduction to the principles of ethics in the chemical sciences. Also, the infrastructure of scientific scholarship is introduced with an emphasis on interaction with the scientific community, responsible conduct in research, and communication of scientific findings. (F)
Prerequisites: CHEM 1212K.

CHEM 3211K. Organic Chemistry I. 3-3-4 Units.
Introduces the chemistry of organic compounds including aliphatic and aromatic hydrocarbons, stereochemistry, monofunctional compounds and some polyfunctional compounds. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. (F,S,M)
Prerequisites: CHEM 1212K.

CHEM 3212K. Organic Chemistry II. 3-3-4 Units.
Continues the exploration of the chemistry of organic compounds with an emphasis on the characteristics and reactions of a variety of functional groups. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. (F,S,M)
Prerequisites: CHEM 3211K.

CHEM 3311K. Quantitative Analysis. 3-4-4 Units.
Introduction to statistics. The use of spreadsheets. Principles and techniques of volumetric analysis. Concepts of chemical equilibria as applied to acid-base, precipitation, and complex ion reactions. Electrochemistry and potentiometry. Introduction to spectroscopy and chromatography. (F)
Prerequisites: CHEM 1212K and MATH 1113.

CHEM 3312K. Instrumental Methods of Analysis. 3-3-4 Units.
Theoretical principles and uses of modern instrumental methods covering: measurement theory, atomic spectroscopy, molecular spectroscopy, mass spectrometry, electrophoresis, atomic absorption and chromatographic separations. (S)
Prerequisites: CHEM 3311K.

CHEM 3411K. Physical Chemistry I. 3-3-4 Units.
A study of macromolecular phenomena in terms of micro molecular concepts including the gas state and thermodynamic. (F)
Prerequisites: CHEM 1212K, MATH 2254, PHYS 1112K or PHYS 2212K.

CHEM 3412K. Physical Chemistry II. 3-3-4 Units.
A continuation of CHEM 3411K including liquid and solid state, kinetics, and equilibria. (S)
Prerequisites: CHEM 1212K, MATH 2254, and PHYS 1112K or PHYS 2212K.

CHEM 3500. Biochemistry. 3-0-3 Units.
The chemical aspects of protein, carbohydrate, lipid, and nucleic acid, and enzyme function, bioenergetics, metabolism, photosynthesis, nucleic acid function, and protein biosynthesis. (S,M)
Prerequisites: BIOL 1107K and CHEM 3211K.

CHEM 3700K. Environmental Chemistry. 3-3-4 Units.
This course will cover the environmental chemistry involving the transport, distribution, reactions, and speciation of inorganic, organometallic and organic chemicals occurring in the air, soil and water environments at the local, national and global scale. Environmental transformations and degradation processes, toxicology, pollution and hazardous substances will be discussed. (S)
Prerequisites: CHEM 3212K.

CHEM 3900. Readings in Chemistry. 0-0-2 Units.
Independent in-depth study of the literature within a topic of current research in Chemistry. Approval of a faculty supervisor required before registration. (F,S)
Prerequisites: 12 hours of Chemistry and permission of the instructor.

CHEM 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of chemistry. (S)

CHEM 4110K. Advanced Inorganic Chemistry. 3-3-4 Units.
Advanced theories of bonding and structure in inorganic chemistry with emphasis on ligand field theory, bioinorganic chemistry, and organometallic chemistry. (F)
Prerequisites: CHEM 3212K, CHEM 3311K.

CHEM 4220. Adv Organic Spectroscopy. 3-0-3 Units.
This course is intended to introduce the spectroscopic methods used in the modern determination of organic structures. This will primarily consist of the study of mass spectrometry (MS), infrared (IR) spectroscopy, and nuclear magnetic resonance (NMR) spectrometry. Some discussion will be devoted to instrumental methods, but the primary focus of the course will be acquiring skill in the interpretation of this spectral data. This course will include hands-on experience using instrumentation. (F)
Prerequisites: CHEM 3212K.

CHEM 4430. Advanced Organic Chemistry. 3-0-3 Units.
Advanced topics in organic chemistry. Such topics include biomolecules, stereochemistry, physical organic chemistry, and heterocycles. (F)
Prerequisites: CHEM 3212K.

CHEM 4480. Service Learning in Chemistry. 0-0-1-4 Unit.
A lecture assistantship or laboratory assistantship within a chemistry course here at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Approval of both a faculty supervisor and department chair.

CHEM 4800. Internship in Chemistry. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Permission of department chair.

CHEM 4900. Special Topics in Chemistry. 0-0-1-4 Unit.
Advanced concepts in chemistry will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. (Offered as Needed)
Prerequisites: CHEM 3212K and additional 3 upper level Chemistry courses.

CHEM 4960. Research in Chemistry. 0-0-1-4 Unit.
Research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor required before registration. Variable 1-4 hours. Repeatable for a maximum of 4 hours. (F,S)
Prerequisites: 16 hours of Chemistry and permission of the instructor.
Communication Studies

Minor

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in communication studies must include 15 credit hours of communication course work, with at least 9 hours at the 3000-level or above.

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<td>COMM 2110 Interpersonal Communication</td>
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<td>COMM 3100 Intro to Communication Theory</td>
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Courses

COMM 1100. Human Communications. 3-0-3 Units.
Provides a broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking. Presents students with an introduction to communication as a field of academic study. In addition, students will be required to demonstrate proficiency in various communication techniques, including public speaking, group presentations, and critical listening skills. (F, S)
Prerequisites: ENGL 0999 unless exempt.

COMM 1110. Fundamentals of Speech. 3-0-3 Units.
Presents the basic principles of effective oral communication. Emphasizes planning, researching, organizing, and presenting types of speeches used in business, educational, and political activities. Gives special attention to informative and persuasive extemporaneous speeches. (F, S) Prerequisite: COMM 1100.

COMM 1110H. Honors Fundamentals of Speech. 3-0-3 Units.

COMM 1120. Argumentation and Advocacy. 1-0-1 Unit.
Explores aspects of speech research and policy analysis. Students will research, develop, and persuasively argue selected topics. Additionally, the course will prepare students for competition in parliamentary and public debate. Issues to be discussed, analyzed, and debated include educational, political, and social events. (S, alternate years)
Prerequisites: COMM 1110.

COMM 2000. Intro to Mass Communication. 3-0-3 Units.
Provides a historical and social overview of the mass media and their relationship to the mass communication process in a modern society. (F, S, M)
Prerequisites: COMM 1110 and ENGL 1101 with grades of C or better.

COMM 2000H. Honors Mass Communication. 3-0-3 Units.

COMM 2110. Interpersonal Communication. 3-0-3 Units.
Focuses on the development of assertiveness, leadership, conflict resolution skills, critical thinking, and greater understanding of the complexities of the communication process. Practical and theoretical applications for all theories and concepts will be discussed. (F, S, M)
Prerequisites: COMM 1110 with a grade of C or better; ENGL 1101.

COMM 3000. Intro to Public Relations. 3-0-3 Units.
An introduction to the history, role, and functions of public relations, including public relations theory, ethics, and industry and career issues. (F)
Prerequisites: COMM 1110 with a C or better; and COMM 2000 or permission of instructor.

COMM 3001. Principles of Advertising. 3-0-3 Units.
Explores advertising and promotion as related to level of economic growth, cultural influences, and sociological environments. (S)
Prerequisites: COMM 1110 with a C or better; COMM 2000 or permission of instructor.

COMM 3100. Intro to Communication Theory. 3-0-3 Units.
Introduces the students to the diverse insights and approaches to the process of human communication, examining the philosophical and empirical backgrounds to the theories and the practical applications of the theories. The class will emphasize interactivity and use of communication skills as it examines theories of rhetorical, group, mass, interpersonal, and intercultural communication. (F)
Prerequisites: COMM 1110 with a C or better; COMM 2000.
COMM 3101. Writing for Electronic Media. 3-0-3 Units.
Non-fiction writing for television, radio, and the Internet focusing on issues such as public affairs, commercials, documentaries, and narrative pieces. (F) Prerequisite: COMM 1110 with a C or better; and COMM 2000 or instructor permission

COMM 3200. Sports Communication. 3-0-3 Units.
Examines the role communication plays in sports and sports organizations, including marketing, sports journalism, and critical examinations of how controversial issues in sports are discussed and disseminated by the media. (Offered as needed) Prerequisites: COMM 1110 with a C or better; English 1102.

COMM 3220. Persuasive Communication. 3-0-3 Units.
Focuses on the development of critical evaluation, research, and persuasive speaking skills. Individual oral presentations, small group problem-solving discussions, and debating contexts will be considered. (S) Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3301. Communication for Prof Setting. 3-0-3 Units.
Introduces baccalaureate students outside of the School of Business to the purposes, modes, and desired outcomes of oral and written communication in the business and professional workplace. Topics will include internal and external correspondence such as letters, email, reports, and newsletters; communication tasks involved in gaining employment; understanding the contemporary workplace environment; communicating in groups and teams; and public presentation for training and sales. (F, S, M online) Prerequisites: ENGL 1102 with a grade of C or better; COMM 1110 with a grade of C or better; successful completion of at least 30 credit hours.

COMM 3310. Communication Research Methods. 3-0-3 Units.
Examines research methods including survey, experimental, observational, and content analysis methods as well as philosophy of science, research design, measurement, sampling, data collection, analysis, interpretation, and reporting. (S) Prerequisites: COMM 1100, COMM 1110, COMM 2110 with a C or better; COMM 2000; COMM 3100.

COMM 3330. Advanced Communication Skills. 3-0-3 Units.
(F through eMajor) Prerequisites: COMM 1110 with a C or better.

COMM 3331. Nonverbal Communication. 3-0-3 Units.
A review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance. (When needed) Prerequisites: COMM 1110 with a C or better; COMM 2110 or instructor permission

COMM 3332. New Communication Technology. 3-0-3 Units.
Relates the design, development, and the use of new communication technologies to social, economic, and policy implications. (Offered as needed) Prerequisite: COMM 1110 with a C or better; COMM 2000

COMM 3350. Listening. 3-0-3 Units.
This course teaches students to understand the complexity of listening and the nature of listening in the human communication process. This course will stress six skill areas: 1) hearing messages, 2) understanding messages, 3) remembering messages, 4) interpreting messages, 5) evaluating messages, and 6) responding to messages. (F, alternate years) Prerequisite: COMM 1110 with a C or better; COMM 2110

COMM 3400. Organizational Communication. 3-0-3 Units.
Introduces students to the processes and principles that explain the way organizations communicate both internally and externally. Examines topics such as organizational cultures, conflict management, initiating change, leadership, team building, globalization, technology, and organizational diversity, etc. Exposes students to organizational communication from a historical and theoretical perspective, as well as an examination of current trends. (F) Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3405. Readings in Leadership & Commu. 3-0-3 Units.
Examines leadership theory in light of the communication discipline (in reference to communication theory and practice) and offers opportunities for students to understand leadership theory and to examine practices of communication in leadership across multiple sectors of social, educational, and political contexts. (F, alternate years) Prerequisites: COMM 1110 and COMM 2000

COMM 3425. Communication Small Grps/Teams. 3-0-3 Units.
Examines the theories behind small group interaction with a view to equipping students to perform leadership roles in small educational discussion groups, work teams, parliamentary style meetings, and decision-making groups. Emphasis will be placed on practical application, listening skills, conflict resolution, arriving at consensus, creativity, and critical thinking with many opportunities for leadership development. (F, alternate years) Prerequisites: COMM 1110 with a C or better; COMM 2000

COMM 3500. Humor Communication. 3-0-3 Units.
Explores humor as a communication device in a variety of contexts including, but not limited to, interpersonal communication, public address, organizational communication, language health communication, humor theory, intercultural communication, and humor in the media. Focuses on theoretical moorings and application to real-world settings. (S) Prerequisites: COMM 1110 with a C or better; ENGL 1101.

COMM 3510. Political Communication. 3-0-3 Units.
This course will examine political campaigns, elections, and American politics with regard to the use of communication. Strategic communication and planning campaign strategies will also be covered. (When needed) Prerequisites: COMM 1110 with a C or better; COMM 2000; COMM 3100.

COMM 3700. Intro to Video Production. 3-0-3 Units.
Presents the basic skills in pre-production, video production, and post-production. Specific skills will include storyboarding, lighting, audio recording, cinematography, and non-linear audio and video production. (F) Prerequisites: COMM 1100, COMM 2000, and COMM 2110.

COMM 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one’s own work and the work of others as a screenwriter, dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years) Prerequisites: ENGL 1102 with a C or better.
COMM 3801. Epublishing. 3-0-3 Units.
Introduces the student to the following categories in Epublishing: history of the phenomena of epublishing, current venues for self- and traditional publishing through ebooks, technology used for formatting and reading ebooks, marketing ebooks, and social media. This class also contains a creative writing component in which students will do and receive peer review on their writing projects.(When needed)
Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3900. Special Topics Communication. 3-0-3 Units.
Offers an examination of rotating topics relevant to the field of communication. This course may be repeated twice for credit when topics vary.(When needed)
Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 4000. Communication Internship. 0-10-3 Units.
Provides experience in applying communication skills in a variety of professional environments, including large corporations, media outlets (television, radio, newspapers, etc.), educational institutions, and others. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Repeatable for a maximum of 6 credit hours.(F, S, M)
Prerequisites: COMM 1110 with a C or better; 15 hours of COMM coursework and permission of instructor.

COMM 4001. Applied Research Methods. 3-0-3 Units.
Builds on COMM 3310 to strengthen communication majors’ knowledge and proficiency in conducting mixed-methods research that includes qualitative and quantitative methods, in analyzing and interpreting data to include basic descriptive and inferential statistical analyses, and drawing defensible conclusions. The instructor may allow individualized or group projects to teach these skills. Methods valuable to academic and industry research will be included. Students will learn about Institutional Review Board approval, selecting methodologies, conducting data collection and analysis, and presenting findings orally and in writing. Presentation in a public forum is also possible.(F)
Prerequisites: COMM 3310 and 3100.

COMM 4100. Integrated Marketing Comm. 3-0-3 Units.
This course will provide students with both a theoretical and practical understanding of integrated marketing communication, such as inbound and outbound promotional channels—advertisements, direct marketing, public relations, sponsorships, sales promotion, interactive and social media, and more. (S) Prerequisite: COMM 1110 with a C or better; COMM 2000, COMM 3100, COMM 3301

COMM 4110. Interperson Comm/Conflict Mgmt. 3-0-3 Units.
Introduces students to the basic principles of effective communication and conflict interaction. Explores conflict in groups, organizations, romantic relationships, family relationships, and friendships, building from a primarily interpersonal focus to investigate how conflict occurs and is handled in broader contexts.(S, alternate years)
Prerequisites: COMM 3100.

COMM 4140. Mass Media & Popular Culture. 3-0-3 Units.
Explores contemporary popular culture via critical cultural theories that examine social dimensions such as power, gender, cultural identity, media aesthetics, and visual communication. The class will consider the impacts of the production and reception of modern media texts.(F, alternating years)
Prerequisites: COMM 2000, COMM 3100.

COMM 4180. Media Effects. 3-0-3 Units.
Examines individuals’ selection, uses, and perceptions of media and the effects of media on individuals’ attitudes, beliefs, and behaviors.(S)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4200. Social Media Communication. 3-0-3 Units.
This course explores the evolution of social media platforms, the research methodologies and emerging research in social media platforms, and current and future trends in the industry and scholarship. (F, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 3100.

COMM 4300. Emerging Media. 3-0-3 Units.
Provides students with in-depth historical and social perspectives on newly emerged and emerging digital media, namely in the form of the internet, and explores their relationship to the communication process in contemporary society. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4380. Law & Ethics in Communication. 3-0-3 Units.
This first part of this course will examine the development, interpretation, and case law surrounding the First Amendment and government regulations of media; the second part will explore various philosophical approaches to ethical communication, both public and private, moving from the ancient world to modern theorists.(S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000; COMM 3100.

COMM 4400. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include Film and the Novel, Representations of Women in Film, Teen Cultures in Film, etc. (S)
Prerequisite: COMM 3100

COMM 4425. Intercultural Communication. 3-0-3 Units.
Explores the meaning of culture, intercultural theories and research and examines the interactions of members of various cultures. Barriers to effective intercultural communication will be examined, as will methods of improving intercultural communication.(F and/or S, as needed)
Prerequisites: COMM 1110 with a C or better; COMM 2000.

COMM 4602. Mass Media and Society. 3-0-3 Units.
Critically explores mass media’s effect and influence on society through an examination of communication theories, concepts, and principles.(F)
Prerequisites: COMM 3100; COMM 2000 with a C or better.

COMM 4711. Gender and Communication. 3-0-3 Units.
Exposes students to the theory and process of gender communication (about and between genders) from an interpersonal context perspective. (As needed)
Prerequisites: COMM 1110 with a C or better; COMM 2110.

COMM 4999. Senior Seminar in Communication. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Topics vary.(F, S)
Prerequisites: 30 hours of upper-level Communication courses and permission of chair and advisor.

**Criminal Justice Minor**

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in criminal justice must include 15 credit hours of criminal justice course work, with at least 9 hours at the 3000-level or above.

CRJU 1100 Intro to Criminal Justice 3

Zero to one of the following electives: 0-3
CRJU 2200. The Judicial Process. 3-0-3 Units.
Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels. Completion of or exemption from Learning Support English.

CRJU 2100. Intro to Law Enforcement. 3-0-3 Units.
Introduces the structure, functions, and operations of criminal justice agencies, including the police, the courts, and corrections. (F;S) Prerequisites: ENGL 0999 unless exempt.

CRJU 2100. Intro to Law Enforcement. 3-0-3 Units.
Provides an overview of law enforcement in a free society and the relationship of police to the criminal justice system as a whole. History, organization, operations, and selected issues are examined. (F) Completion of or exemption from co-requisite Learning Support English 0999.

CRJU 2200. The Judicial Process. 3-0-3 Units.
Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels. Completion of or exemption from Learning Support English.

CRJU 3100. Criminal Law. 3-0-3 Units.
Offers an overview of both substantive and procedural law related to the definitions, investigations, processing, and punishment of crimes. The course will introduce students to the legal idea of criminal responsibility, the concept and elements of criminal responsibility, required state of mind (mens rea), and prohibited conduct (actus reus). The course discusses the substantive content, structure, and sources of major crimes against persons and property and provides a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches. Prerequisites: CRJU 2200 or 4100.

CRJU 3101. Criminal Law II. 3-0-3 Units.
Offers a more extensive examination of the crimes addressed in CRJU 3100, as well as an exploration of more theoretical issues including Actus Reus, Mens Rea, and the conflict between criminal law and constitutional protections, including the right of privacy, freedom of speech, and religious freedom.

CRJU 3110. Criminal Procedure. 3-0-3 Units.
A study the nature and function of the law regulating the criminal processes, policies, and procedures in the administration of criminal justice. Special attention will be given to United States Supreme Court decisions. (F) Prerequisites: CRJU 2200 or CRJU 4100.

CRJU 3200. Criminology. 3-0-3 Units.
A study of the nature and scope of crime in society with an emphasis on criminological theories. (S) Prerequisites: CRJU 1100.

CRJU 3250. Crime and the Media. 3-0-3 Units.
Analyzes the role the mass media has on human behavior, subsequently affecting human judgment, attitudes, perceptions of crime, and societal reactions to crime in general. This course analyzes how the general public processes the 'criminal event' and other pertinent information regarding crime and how this process is fundamentally derived from the media and is an instrumental element in the creation of fear of crime. Prerequisites: CRJU 1100.

CRJU 3300. Corrections. 3-0-3 Units.
A study of the history, structure, and functions of corrections as well as the legal and philosophical basis for the punishment of criminal offenders. Prerequisites: CRJU 1100.

CRJU 3350. Drugs in America. 3-0-3 Units.
Explores and analyzes the complex experience of illicit drug use in America from multiple angles with specific attention to the ways that our culture understands drugs, drug use, and drug policy as a social/criminal justice problem. Topics include punishment, interdiction, prevention, and rehabilitation. Prerequisites: CRJU 1100.

CRJU 3400. Juvenile Delinquency & Justice. 3-0-3 Units.
Reviews the juvenile justice system, including the impact of Supreme Court decisions, and examines the theories of juvenile delinquency and the implication of those theories for preventing and controlling juvenile deviance. Prerequisites: CRJU 1100.
CRJU 3450. White Collar Crime. 3-0-3 Units.
Provides an introduction to white-collar crime in the United States.
Topics include definition of and various types of white-collar crimes, who
commits this type of crime and why they engage in white-collar crime, as
well as how perpetrators are dealt with by the criminal justice system.
Prerequisites: CRJU 1100.

CRJU 3500. Criminal Investigation I. 3-0-3 Units.
An overview of principles, techniques, law and procedure involved in the
criminal investigative process from its inception to culmination.
Prerequisites: CRJU 1100.

CRJU 3501. Criminal Investigation II. 3-0-3 Units.
Continues information introduced in CRJU 3500, with special focus on the
investigation of the crimes of burglary, robbery, forgery, homicide, assault, and
bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as
well as obtaining fingerprints and other types of latent evidence.
Prerequisites: CRJU 3500.

CRJU 3550. Comparative Criminology. 3-0-3 Units.
Provides an overview and analysis of criminal justice systems-police,
courts, and corrections-in selected eastern and western nations, as well
as an analysis of the causes of crime in selected nations.
Prerequisites: CRJU 1100.

CRJU 3600. Criminal Justice Admin. 3-0-3 Units.
Introduction to criminal justice management theory, practice, and policy.
This course includes a review of traditional schools or organizational
theory, including bureaucracy, scientific management, human relations,
and the behavioral approach, with particular emphasis on how each
applies to criminal justice agencies.
Prerequisites: CRJU 1100.

CRJU 3700. Crim Just Research Methodology. 3-0-3 Units.
An introduction to criminal justice research methodologies, with a focus on
research design, ethical concerns, conceptualization, sampling, data
analysis, interpretation of research results, report writing, and application of
research findings.
Prerequisites: CRJU 3200, ENGL 3000.

CRJU 3710. Special Topics in Crim Just. 1-0-1-3 Unit.
An intensive study of a specific topic relevant to criminal justice, including sex crimes, terrorism, drug law, or capital punishment. This
course may be taken for a total of nine credit hours when topics vary.(F)
Prerequisites: CRJU 1100.

CRJU 3800. Race, Ethnicity & Crim Justice. 3-0-3 Units.
Addresses the racial impact of criminal laws enacted by the people's
elected representatives, the actions and policies of law enforcement
agencies, the courts, correctional institutions, the juvenile justice system,
and the death penalty. Raises awareness and promotes critical thinking about
the problems that exist in our system, how those problems originated and evolved, and possible solutions for these problems.
Prerequisites: CRJU 1100.

CRJU 3810. Victimology. 3-0-3 Units.
Addresses the physical, emotional, and financial impact of crime
victimization; the relationship between victims and offenders; how the
criminal justice system interacts with crime victims; and the policies
designed by the government to offer assistance to individuals who are
victimized by crime. Raises awareness and promotes critical thinking and
problem solving about the most effective strategies for interaction with
crime victims, the measurement of crime victimization, and victim trends.
Prerequisites: CRJU 1100.

CRJU 3850. Deviance, Soc Cntrl&Collect Violence. 3-0-3 Units.
Reviews the nature of deviance and social control, including terrorism,
riots, lynching, vigilantism and genocide, in three segments: collective
deviance, collective violence and the theoretical models, including Pure Sociology, associated with collective deviance and collective violence.
Prerequisites: CRJU 1100.

CRJU 4000. Internship in Criminal Justice. 0-12-3 Units.
Supervised, practical experience in an appropriate criminal justice
agency. This course allows students the opportunity to discover the
integration between theory and practice. This course may be taken three
times for a total of nine hours of credit.
Prerequisites: Permission of Instructor and 12 credit hours of upper-level
Criminal Justice courses.

CRJU 4110. The Law of Criminal Evidence. 3-0-3 Units.
An examination of the rules of evidence used in criminal prosecutions, including burden of proof, presumptions, inferences and stipulations,
relevancy of evidence and competency of witnesses, expert testimony, hearsay, and constitutional limitations.
Prerequisites: CRJU 1100.

CRJU 4200. Profiling the Serial Offender. 3-0-3 Units.
An examination of the type and patterns of crimes committed by serial
offenders and the process by which profiles are developed to solve these
crimes.
Prerequisites: CRJU 1100.

CRJU 4210. Terrorism & Crim Just System. 3-0-3 Units.
An examination of the motives and actions of terrorists, the governmental
response to terrorism, especially in the wake of 9/11, and the legal and
constitutional restraints on the government. Included will be issues such
as surveillance of American citizens, detention of suspected terrorists,
enemy combatants, limits on the methods of interrogation, and use of
military tribunals.
Prerequisites: CRJU 1100.

CRJU 4300. Community Corrections. 3-0-3 Units.
An examination of alternatives to incarceration. Special emphasis will
be given to the issues of probation and parole, as well as diversion,
community service, electronic monitoring, and various treatment
programs.
Prerequisites: CRJU 2261 or CRJU 3300 or CRJU 3400.

CRJU 4350. Family Violence. 3-0-3 Units.
Explores a range of crimes that occur in the family setting, including
violence between intimate partners, child abuse, and neglect. Theoretical
factors, as well as how the criminal justice system responds to both
victims and perpetrators of family violence, will be examined.
Prerequisites: CRJU 1100.

CRJU 4500. Management of Forensics. 3-0-3 Units.
The scientific investigation of crime with emphasis on the collection,
analysis, comparison, and identification of physical evidence.
Prerequisites: CRJU 1100, CRJU 3500.

CRJU 4600. Police Practices and Issues. 3-0-3 Units.
An advanced examination of policing, exploring topics including the
police subculture, the police use of discretion, the broken-windows
approach, community policing, and problem-solving approaches.
Prerequisites: CRJU 1100 and CRJU 2100.

CRJU 4700. Ethical Issues in Crim Justice. 3-0-3 Units.
An examination of the philosophical theories underlying ethics and how
they relate to issues involving the police, courts, corrections, law, and
principles of justice.
Prerequisites: CRJU 1100.
CRJU 4770. Readings in Criminal Justice. 3-0-3 Units.
Permits selected students to pursue approved topics through independent study under the direction of a faculty member. This course may be taken twice for a total of six credit hours with change of topics. Prerequisites: Permission of Instructor.

CRJU 4750. Advanced Criminological Theory. 3-0-3 Units.
Expands on the study of criminology as examined in CRJU 3200. This course provides further and more in-depth understanding of why people engage in criminal behavior, the policies that are derived from criminological theory, and how those policies are implemented. This is an advanced class and will be taught in a fashion similar to a graduate-level class to help students prepare for graduate and/or law school. Prerequisites: CRJU 3200 and ENGL 3000. Prerequisite or co-requisite: CRJU 3700.

CRJU 4800. Senior Capstone in CRJU. 3-0-3 Units.
Serves as the comprehensive experience in criminal justice utilizing the student's knowledge and academic skills, including pursuing archival research, journal keeping, note taking and report writing to address a topic or issue of contemporary interest in criminal justice or one of its sub-fields. The course will be taught at the senior level and will focus on criminal justice issues at the national and international levels. In addition to the course requirements, students will complete a major research paper that results in an end-of-semester presentation to the class. This course serves as a capstone course for criminal justice majors. Prerequisites: CRJU 3700, 45 hours of upper-level criminal justice courses, senior standing.

English

Minor
A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in English must include 15 credit hours of English course work, with at least 9 hours at the 3000-level or above.

ENGL 3010 Intro to Literary Studies 3
Select zero to two:
ENGL 2000 Topics in Literature & Culture 0-6
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature
Select three to five:
ENGL 3000 Writing for Educ/Soc Sciences
ENGL 3005 Practical Grammar
ENGL 3015 Intro to Composition Studies
ENGL 3020 Advanced Composition
ENGL 3025 History of English Language
ENGL 3030 Technical Writing
ENGL 3040 Classical Rhetorical Theory

Courses
ENGL 0999. Support for English Composition. 3-0-3 Units.
Provides co-requisite support in reading and writing for students enrolled in ENGL 1101 – English Composition I. Topics will parallel those being studied in ENGL 1101 and will provide support for the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. Students may exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has an Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the ‘new’ SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher 6) Accuplacer reading score of 80 or higher AND Accuplacer Write Placer score of 4 or higher. 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247 AND Accuplacer Write Placer score of 5 or higher. 8) Accuplacer Next-Generation Reading Comprehension scores of 248 or higher AND Accuplacer Write Placer score of 4 or higher. (F, S) Co-requisite: ENGL 1101
ENGL 1101. English Composition I. 3-0-3 Units.
Focuses on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and a variety of research skills. A minimum grade of C is required in ENGL 1101 before the student can take ENGL 1102. Students can exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the ‘new’ SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher 6) Accuplacer reading score of 80 or higher AND Accuplacer Write Placer score of 4 or higher. 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247 AND Accuplacer WritePlacer score of 5 or higher. 8) Accuplacer Next-Generation Reading Comprehension scores of 248 or higher AND Accuplacer WritePlacer score of 4 or higher. (F,S) Pre-requisite or co-requisite: ENGL 0999, unless exempt

ENGL 1101H. Honors English Composition. 3-0-3 Units.

ENGL 1102. English Composition II. 3-0-3 Units.
Prepares students to the rich diversity of cultures and creative endeavors by exploring a variety of texts. Course topics are variable and may include pop culture, activist movements, comics books, or video games among many others within the realm of literature and cultural studies. Students may also complete a variety of career-oriented projects related to social media, digital literacy, creative writing, linguistics, professional writing, and textual analysis. (F,S,M) Pre-requisite: Completion of or exemption from ENGL 0999. Pre- or co-requisite: ENGL 1101.

ENGL 2000. Topics in Literature & Culture. 3-0-3 Units.
Provides instruction in language, including its varieties, sound systems, word formation, sentence formation, language meaning, and discourse. Examines first and second language acquisition and classroom observation. Flexible course options will suit various learning interests and styles. (Web-based course) Pre-requisite: ENGL 1101 with a grade of C or better.

ENGL 2100. News Writing and Reporting. 3-0-3 Units.
Semester introduces student to gathering, writing, and editing news articles for newspapers, though skills emphasized apply to any medium whose audience expects timely, accurate, easily intelligible information. Prerequisites: ENGL 1101 with a C or better.

ENGL 2111. World Literature I. 3-0-3 Units.
Prepares students to the rich diversity of cultures and creative endeavors by exploring a variety of texts. Course topics are variable and may include pop culture, activist movements, comics books, or video games among many others within the realm of literature and cultural studies. Students may also complete a variety of career-oriented projects related to social media, digital literacy, creative writing, linguistics, professional writing, and textual analysis. (F,S,M) Pre-requisite: Completion of or exemption from ENGL 0999. Pre- or co-requisite: ENGL 1101 with a grade of C or better.

ENGL 2112. World Literature II. 3-0-3 Units.
Survey of world literature from the mid-seventeenth century to the present. Continues study begun in ENGL 2111, though 2111 is not a prerequisite. (F,S,M) Pre- or co-requisite: ENGL 1102 with a grade of C or better.

ENGL 2120. British Literature I. 3-0-3 Units.
Survey of world literature from the Old English period through the Neoclassical Age. (F,S) Pre- or co-requisite: ENGL 1102 with a grade of C or better.

ENGL 2121. British Literature II. 3-0-3 Units.
Survey of world literature from the mid-seventeenth century to the present. Continues study begun in ENGL 2120, though 2120 is not a prerequisite. (F,S,M) Pre- or co-requisite: ENGL 1102 with a grade of C or better.

ENGL 2130. American Literature I. 3-0-3 Units.
Survey of American literature from the Pre-colonial Age to the mid-nineteenth century. (F,S) Pre- or co-requisite: ENGL 1102 with a grade of C or better.

ENGL 2131. American Literature II. 3-0-3 Units.
Survey of American literature from the mid-nineteenth century to the present. Continues study begun in ENGL 2130, though 2130 is not a prerequisite. (F,S) Pre- or co-requisite: ENGL 1102 with a grade of C or better.

ENGL 2132. American Literature III. 3-0-3 Units.
Survey of American literature from the mid-nineteenth century to the present. Continues study begun in ENGL 2131, though 2131 is not a prerequisite. (F,S) Pre- or co-requisite: ENGL 1102 with a grade of C or better.

ENGL 2201. Intro to Film as Literature. 3-0-3 Units.
Focuses on principles, practices, and strategies for writing clear, effective, audience-driven communications in a variety of academic and professional situations in the real world. Assignments include case studies, reports, proposals, and legal briefs. (F,S) Pre-requisite: ENGL 1102 with C or better.

ENGL 3000. Writing for Educ/Soc Sciences. 3-0-3 Units.
Focuses on principles, practices, and strategies for writing clear, effective, audience-driven communications in a variety of academic and professional situations in the real world. Assignments include case studies, reports, proposals, and legal briefs. (F,S) Pre-requisite: ENGL 1102 with C or better.
ENGL 3010. Intro to Literary Studies. 3-0-3 Units.
Surveys materials, methods, and terminology used in the discipline of literary studies. Practice in effective critical writing and examination of the various critical theories available for interpretation and analysis. Must be taken in the student's first semester as an English major; may also be taken as a co-requisite with two other 3000-level or selected 4000-level English courses in the student's first semester as an English major. (F,S)
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3015. Intro to Composition Studies. 3-0-3 Units.
Includes study of composition theory and its application to the teaching of composition. Students will analyze and assess student essays and design a writing course for secondary-level students. (S)
Prerequisites: ENGL 1102 with C or better.

ENGL 3020. Advanced Composition. 3-0-3 Units.
Includes a study of various rhetorical strategies with regular writing assignments emphasizing logical organization of thought and effective composition. The course will develop sound grammatical and compositional skills to a level clearly superior to that of ENGL 1102. (S)
Prerequisites: ENGL 1102 with C or better.

ENGL 3025. History of English Language. 3-0-3 Units.
Provides an introduction to the background, origins, development, and structure of the English language and the fundamental tools and concepts used in the study of a language’s history. (F) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3030. Technical Writing. 3-0-3 Units.
Focuses on practice and instruction in analyzing and writing business and technical documents. Emphasis on increasing proficiency in effective writing, design and organization, audience awareness, visual rhetoric, and web publishing. (F)
Prerequisites: ENGL 1102 with a C or better.

ENGL 3040. Classical Rhetorical Theory. 3-0-3 Units.
Introduces students to classical rhetorical concepts. Students will learn to use these concepts as a means of developing and improving their writing skills.
Prerequisites: ENGL 1102 with C or better.

ENGL 3100. Advanced Creative Writing. 3-0-3 Units.
Offers an intensive experience in writing in one of the following genres: short story, poetry, the novel, creative non-fiction, or screenwriting. (S, alternating years)
Prerequisites: ENGL 1102 with C or better.

ENGL 3130. Argumentative Writing. 3-0-3 Units.
Provides students with extensive practice in reading, analyzing, and composing argumentative writing. Students will learn specific theories of persuasion and reasoning and apply this knowledge to their own compositions. Reading and evaluating the persuasive logic of both professional writers and peers will also be included in this course.
Prerequisite: ENGL 1102 with a grade of C or better.

ENGL 3200. Appalachian Literature. 3-0-3 Units.
Surveys major regional movements, genres, writers in the Appalachian mountains, from settlement to the present. Content and approach may vary. (S,M) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3210. Multi-ethnic American Lit. 3-0-3 Units.
Offers a study of major ethnic American literature, with a particular focus on Latino American, Asian American, and/or Native American writers. (S,M) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3220. Southern Literature. 3-0-3 Units.
Examines selected works by major authors of the American South. Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3235. African-American Literature. 3-0-3 Units.
Surveys the canonical writings of African-Americans, typically including writers such as Douglass, Hurston, Wright, Ellison, Baldwin, Morrison, King, and Walker. (Every other semester) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3300. Medieval Lit in Translation. 3-0-3 Units.
Surveys literature of the Anglo-Saxon and Anglo-Norman periods: Beowulf, Romance of the Rose, Sir Gawain and the Green Knight, and others. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3340. Hispanic Lit in Translation. 3-0-3 Units.
Provides an introduction to landmark Hispanic works within social, political, economic, and cultural contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3350. Latino/a Literature in English. 3-0-3 Units.
Offers an introduction to landmark Latino/a works written in English. Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3360. Topics in Asian Literature. 3-0-3 Units.
Surveys the canonical writings of Asia. Prerequisite: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (prerequisite or co-requisite, English majors).

ENGL 3400. Renaissance Literature. 3-0-3 Units.
Surveys Renaissance literature in its various aspects, including, but not limited to, poetry, prose, and drama, and a consideration of that literature as a part and product of its historical period. (F) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).
ENGL 3405. Professional/Technical Writing. 3-0-3 Units.
An advanced writing course focusing on the elements of effective writing, particularly as they apply to business and the professions.
Prerequisites: ENGL 1102.

ENGL 3410. Shakespeare. 3-0-3 Units.
Surveys representative works of comedy, history, tragedy, tragicomedy drawn from throughout the playwright’s career. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3500. Colonial American Lit to 1840. 3-0-3 Units.
Surveys important writings by representative American authors from the colonial period through the post-Revolutionary War era. Typically includes Bradford, Bradstreet, Winthrop, Crevecoeur, Franklin, Paine, and Irving.
Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3510. American Literature, 1840-1913. 3-0-3 Units.
Surveys significant American authors from the post-Revolutionary War era to the turn of the twentieth century. Typically includes Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Douglass, Dickinson, Twain, Crane, Howells, Chopin, and Norris.
Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3410. Shakespeare. 3-0-3 Units.
Surveys representative works of comedy, history, tragedy, tragicomedy drawn from throughout the playwright’s career. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3500. Colonial American Lit to 1840. 3-0-3 Units.
Surveys important writings by representative American authors from the colonial period through the post-Revolutionary War era. Typically includes Bradford, Bradstreet, Winthrop, Crevecoeur, Franklin, Paine, and Irving.
Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3510. American Literature, 1840-1913. 3-0-3 Units.
Surveys significant American authors from the post-Revolutionary War era to the turn of the twentieth century. Typically includes Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Douglass, Dickinson, Twain, Crane, Howells, Chopin, and Norris.
Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one’s own work and the work of others as a screenwriter, dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years) Prerequisites: ENGL 1102 with a C or better.

ENGL 4000. Contemporary American Lit. 3-0-3 Units.
Examines selected texts produced in the last thirty years in the United States. (M, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4010. The American Novel. 3-0-3 Units.
Offers an investigation of the American novel from the late eighteenth century through the present in relation to literary, cultural, intellectual, technological, and aesthetic changes in America. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4020. Literature for Young Adults. 3-0-3 Units.
Offers a comprehensive study of young adult literature, including non-Western authors as well as literature representative of racial and ethnic groups, appropriate for students in secondary school programs, with emphasis on teaching techniques. (S) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4130. Restoration 18th Century Brit Lit. 3-0-3 Units.
Examines drama, fiction, poetry, and other textual expression from Restoration and eighteenth-century Britain. Works may be studied in their historical, political, cultural, and aesthetic contexts. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4140. British Romantic Literature. 3-0-3 Units.
Surveys British literature of the Romantic period, focusing on major works, figures (three or more), and/or themes. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4150. British Victorian Literature. 3-0-3 Units.
Examines Victorian literature in its original historical, political, cultural, and aesthetic contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4160. Modern British Literature. 3-0-3 Units.
Surveys British poetry, fiction, and essays since 1900. Typically includes Hardy, Conrad, Joyce, Yeats, Lawrence, Woolf, Auden, and Lessing. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4410. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, cultural, and aesthetic contexts. (S, alternating years) Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4420. Literature Non-Western World. 3-0-3 Units.
Offers an introduction to non-Western literature that examines a range of texts from a variety of different regions that may include the Americas, Asia, Africa, India, the Middle East, the Pacific Rim, and the African Diaspora. Subjects vary according to the availability of faculty. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).
And creativity as well. Students will also work with nascent start-ups in highly valued inside established corporations that demand innovation for new venture creation. Entrepreneurial thinking, or 'intrapreneurship', is allowing students to tailor their minor based on their needs and the needs of their growing workforce within your business start-up. Elective classes allow students to tailor their minor based on their needs and the needs of their new venture creation. Entrepreneurial thinking, or 'intrapreneurship', is highly valued inside established corporations that demand innovation and creativity as well. Students will also work with nascent start-ups in our WSOB classroom inside the Dalton Innovation Accelerator (DIA) in downtown Dalton, GA.

MINOR
A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through F may not be counted toward completion of the minor but courses taken in Core Area F may be used to fulfill minor requirements.

Required Courses*:
- ACCT 3800 Understanding Financial Statements 3
- MNGT 4053 Human Resource Management 3
- MNGT 4501 Entrepreneurship 3

Elective Courses*:
Select two electives: 6
- BUSA 3360 Business Negotiation Skills
- ECON 3109 Managerial Economics
- FINC 3101 Intermediate Corporate Finance
- LSCM 4255 Business Process Simulations
- LSCM 4288 Logistics
- LSCM 4503 Quality Management Systems
- MARK 3011 Consumer Behavior
- MARK 3233 Retail Marketing
- MARK 3455 Professional Selling
- MARK 3517 Services Marketing
- MARK 3570 Integrated Brand Promotion
- MARK 4121 Marketing Research & Analysis
- MARK 4433 Social Media Marketing
- MNGT 4253 Staffing & Talent Development
- MNGT 4602 Leadership
- MNGT 4605 Organizational Effectiveness
- MNGT 4612 Managing Effective Teams

Total Hours 15

Accounting Courses

ACCT 2101 Principles of Accounting I. 3-0-3 Units.
Examines the underlying theory and application of accounting concepts for reporting financial information to outside users. Stresses the relationship between the rules by which financial statements are prepared and the use of financial information for decision making. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a ‘C’ or better.

ACCT 2102 Principles of Accounting II. 3-0-3 Units.
Examines the underlying theory and application of managerial accounting concepts. Stresses the study of financial and non-financial information for use by internal decision makers and the role of managerial accounting in a business environment. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: ACCT 2101 with a ‘C’ or better.

Entrepreneurship

The Entrepreneurship minor prepares business majors to start, manage and grow their own entrepreneurial venture. This minor will improve your skills in developing a business plan, preparing your “elevator pitch” for attracting investors, understanding financial statements and managing a growing workforce within your business start-up. Elective classes allow students to tailor their minor based on their needs and the needs of their new venture creation. Entrepreneurial thinking, or ‘intrapreneurship’, is highly valued inside established corporations that demand innovation and creativity as well. Students will also work with nascent start-ups in...
ACCT 3100. Intermediate Accounting I. 3-0-3 Units.
Studies the concepts and standards for presentation and disclosure of general purpose financial statements in accordance with GAAP. The focus is on financial statement analysis and the theory and issues related to measurement of assets. (F (Day & Evening))
Prerequisites: Upper Division Eligibility. ACCT 2101, ACCT 2102 both with a ‘C’ or better.

ACCT 3200. Intermediate Accounting II. 3-0-3 Units.
Focuses on theory and issues related to recognition and measurement of liabilities, stockholders’ equity, and other issues related to financial reporting. (S (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 3300. Tax Accounting & Reporting I. 3-0-3 Units.
Examines the federal taxation of individuals and taxation of property transactions. Tax research and ethics and responsibilities for accounting professionals are also introduced. (F (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 2101, ACCT 2102, both with a ‘C’ or better.

ACCT 3500. Forensic Accounting. 3-0-3 Units.
A study of the various techniques for preventing, detecting, investigating and resolving occupational fraud. (M (Online))
Prerequisites: Upper Division Eligibility; ACCT 2101 with a ‘C’ or better.

ACCT 3600. Accounting Information Systems. 3-0-3 Units.
The course will also introduce students to computerized accounting information systems such as SAP. Other major topics covered will include internal controls, enterprise risk management, big data in accounting, forensic techniques, and auditing through an AIS. Students will learn to solve accounting problems and perform data analytics using spreadsheet, database, and visualization applications such as Excel, Access, and Power BI. (S (Online))
Prerequisites: Upper-division eligibility and ACCT 3100 with a C or better.

ACCT 3800. Understanding Financial Stmatem. 3-0-3 Units.
This course focuses on the understanding, interpreting, and analyzing of financial statements for corporations, local governments, and nonprofit organizations. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, ACCT 2102 with a ‘C’ or better.

ACCT 4100. Advanced Accounting. 3-0-3 Units.
Examines special types of transactions and their effect on financial statement presentation. The focus is on business combinations, foreign currency transactions, and other advanced financial reporting topics. (F (Online), M (Online))
Prerequisites: Upper Division Eligibility, ACCT 2102 with a ‘C’ or better.

ACCT 4200. Govt/Nonprofit Accounting. 3-0-3 Units.
Focuses on the concepts and standards for presentation and disclosure of financial statements for governmental entities and nongovernmental not-for-profit entities. (M (Online))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 4300. Tax Accounting & Reporting II. 3-0-3 Units.
Explores the federal taxation of business entities, including C corporations, partnerships, S corporations, estates, and trusts. Analyzes the treatment of property transactions within these entities. (S (Evening))
Prerequisites: Upper Division Eligibility, ACCT 3300 with a ‘C’ or better.

ACCT 4400. Cost Accounting. 3-0-3 Units.
Focuses on planning, budgeting, performance measures and cost measures in the corporate environment. (S (Online))
Prerequisites: Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

ACCT 4700. Independent Study in Acct. 0-0-3 Units.
Supervised in-depth individual research and study of one or more current topics in Accounting in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3200 with a ‘C’ or better.

ACCT 4701. Auditing and Attestation. 3-0-3 Units.
Examines auditing procedures, standards, and other attestation issues. (F (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a ‘C’ or better.

ACCT 4800. Special Topics in Accounting. 3-0-3 Units.
Examines current, relevant topics in the field of Accounting. Each special topic course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 4900. Accounting Internship. 0-0-3 Units.
Provides students with on-site work experience in Accounting through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Accounting internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F(S,M))
Prerequisites: Upper Division Eligibility, ACCT 3100 (Grade ‘C’ or Better), plus an additional 3 credit hours of upper division ACCT, and 3 credit hours of any upper division business course with a ‘C’ or better.

Business Administration Courses

BUSA 2106. The Environment of Business. 3-0-3 Units.
Introduces the political, social, legal, ethical, environmental, and technological issues that affect or are affected by business decisions. Topics include stakeholder analysis, social responsibility, ethics, globalization, business-government relations, and fair trade. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

BUSA 2201. Fundamentals of Computer Appli. 3-0-3 Units.
Assures a basic level of computer applications literacy to include spreadsheet, database, word processing, and presentation software. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

BUSA 2850. Business Statistics. 3-0-3 Units.
Emphasizes applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, hypothesis testing, and linear regression. Microsoft Excel is an integral part of the course and is used in all aforementioned topics. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

BUSA 3000. Environmental Law and Policy. 3-0-3 Units.
Survey of national and state agencies and provisions of environmental laws and ordinances at all levels of government, including NEPA, Endangered Species Act, Clean Water Act, Clean Air Act and CERCLA. This course has a web component. (F (Day & Evening))
Prerequisites: Upper Division Eligibility.

BUSA 3050. Business Statistics. 3-0-3 Units.
Emphasizes applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, hypothesis testing, and linear regression. (F(S))
Prerequisites: Upper Division Eligibility.
BUSA 3055. Quantitative Analysis Bus Prob. 3-0-3 Units.
Develops analytical skills for business decision making using Microsoft Excel. Topics include time-series forecasting, profit models, optimization, simulation and decision analysis. Excel is used in all of the aforementioned topics extensively. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility and BUSA 2850.

BUSA 3060. Business Law. 3-0-3 Units.
Covers the source of law and courts, and introduces tort law along with the historical, economic, political and ethical considerations in business and the impact of regulatory and administrative law on business. Topics include property law, contracts, and environmental issues. (F (Day & Evening), S (Day))
Prerequisites: Upper Division Eligibility.

BUSA 3070. Business Ethics. 3-0-3 Units.
Defines ethics, explores models of personal ethics, and reviews ethics in a variety of professional fields. In addition the course examines the relationship between business ethics and corporate social responsibility. Topics include corporate governance, trust and honesty in business, the role of ethics in managerial decision-making and behavior, the ethical use of information, and international ethics. (F (Day), S (Day & Evening))
Prerequisites: Upper Division Eligibility.

BUSA 3301. Business Communications. 3-0-3 Units.
This course is designed to prepare students to write and speak in a variety of business settings; to communicate effectively with business audiences by addressing strategic issues such as crisis communication, management of communication programs in a social media environment; communication skills with new technologies; and building key strategic and interpersonal relationships in business. The course also emphasizes basic skills in report writing and researching for sources, as well as writing effective business memos. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: BUSA 2106, COMM 1110, and ENGL 1102

BUSA 3351. International Business. 3-0-3 Units.
This course provides a broad overview of international business and trade, and the impact of the international business environment on management decisions. Topics of the course include international business basics such as trade, barriers to trade, and the relationship between international business and international relations; effects of international business decisions of culture, political, legal, and economic forces; effects of government intervention and the role of social and economic aid organizations. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, ECON 2105 or ECON 2106, both with a ‘C’ or better.

BUSA 3360. Business Negotiation Skills. 3-0-3 Units.
Students will develop the negotiation skills needed to produce more creative and satisfying agreements and avoid the worst kind of compromises. The class will focus on using theory and negotiation simulation exercises as the primary pedagogical tool. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and BUSA 3301 with a ‘C’ or better.

BUSA 3400. Quantitative Theory/Tech Mngt. 3-0-3 Units.
This is a one-semester course covering techniques, methods and applications of differential and integral calculus. As the name indicates, this course deals with calculus and its applications, especially those concerned with business and social sciences. Topics to be discussed will include: differentiation and anti-differentiation of algebraic, exponential, and logarithmic functions; applications of differentiation and integration; and functions of two variables. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in the BAS program. (As Needed)
Prerequisites: Earned AAS, AAT or equivalent from a regionally accredited institution is required.

BUSA 3532. Bus Analytics/Data Mining. 3-0-3 Units.
The course introduces students to business analytics and data mining. Topics include introduction to business analytics, data visualization, data transformation, cluster analysis, association analysis, decision trees, logistics regression, neural network and model performance evaluation. (S (Evening))
Prerequisites: Upper Division Eligibility, BUSA 2850 or MATH 2200 both with a ‘C’ or better.

BUSA 3700. Business Admin Internship. 0-0-0 Units.
Provides students with on-site work experience in Business Administration through an internship experience with a pre-approved employer. This is a non-credit course. (F, S, M)
Prerequisites: Upper Division Eligibility and approval from internship faculty advisor.

BUSA 3701. Prof Development Seminar. 1-0-1 Unit.
This class is designed to aid students in transitioning from the academic world to a professional business work environment. It will provide students with experience in applying for jobs, interviewing, networking, and business etiquette as well as expose them to other relevant and timely topics for advancing in the business world. (F (Day), S (Day))
Prerequisites: Upper Division Eligibility and BUSA 3301 with a ‘C’ or better.

BUSA 4700. Senior Seminar. 1-0-1 Unit.
Features the practices and administration of business, as well as the preparation needed for success in the job market. Topics include resume writing, interviewing skills, and personal financial management. (F, S)
Prerequisites: Upper Division eligibility.
Corequisites: MNGT 4701.

BUSA 4800. Special Topics in Business. 1-0-1-4 Unit.
Examines current, relevant topics. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility.

BUSA 4851. Spec Topics International Bus. 3-0-3 Units.
This course focuses on the business issues corporations face when doing business internationally, specifically focusing on doing business in the country visited. Course includes an international study abroad experience. Topics include culture, general business comparisons, international business issues, and cross-cultural communication. (F, S)
Prerequisites: Upper Division Eligibility and BUSA 3351 with a ‘C’ or better.
ECON 2105. Principles of Macroeconomics. 3-0-3 Units.
Describes and analyzes macroeconomic principles. Topics covered include the scope and method of economics, national income/output analysis, employment/unemployment, inflation, fiscal policy, monetary policy, and international finance. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of 'C' or better.

ECON 2106. Principles of Microeconomics. 3-0-3 Units.
Describes and analyzes microeconomic principles. Topics covered include demand and supply theory, output and price determination, market structure, income distribution, government regulation of business, labor organizations, and international trade. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of 'C' or better.

ECON 3090. Managerial Economics. 3-0-3 Units.
Economics is frequently described as the science of decision-making under scarcity (at any given time we want more things than we can obtain, given available resources) and this is a good description of the subject of this course. Students will apply economic tools and basic statistics to solve managerial problems faced by entrepreneurs, managers and government regulators. Typical topics include demand analysis and estimation, consumer theory, cost functions, market structures and other microeconomic subject. (S (Day), M (Day))
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a 'C' or better.

ECON 3110. International Trade. 3-0-3 Units.
An introduction to international trade, with a focus on comparative advantage and gains from trade. Covers conventional trade models, trade policy with a focus on tariffs and quotas, measurement of a nation's balance of payments, foreign exchange rate determination, and operation of the international monetary system, and global organizations such as the World Trade Organizaion (WTO) and trade agreements such as the North American Free Trade Agreement (NAFTA) (As Needed)
Prerequisites: Upper Division Eligibility, ECON 2105 (concurrent), ECON 2106, both with a 'C' or better.

ECON 3112. Money and Banking. 3-0-3 Units.
Presents a comprehensive upper-level course in financial institutions, financial markets, bank management, and money and banking. This introduction to the operation of the US financial system describes the US financial institutions, instruments and markets; explains how the financial system interacts with the rest of the economy; and considers how the system changes through time. (F (Day))
Prerequisites: Upper Division Eligibility and ECON 2105 with a 'C' or better.

ECON 4101. Applied Econometrics. 3-0-3 Units.
Standard econometric techniques are applied to various topics in economics. Techniques include models for cross-section data, such as limited dependent variable models, selectivity techniques, count data models, and models for panel data. Students will conduct statistical analyses and model evaluation. (S (Day))
Prerequisites: Upper Division Eligibility, BUSA 2050, BUSA 2850, BUSA 3050, or MATH 2200, all with a 'C' or better.

ECON 4700. Independent Study Economics. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in economics in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a 'C' or better.

ECON 4800. Special Topics in Economics. 3-0-3 Units.
Examines current, relevant topics in field of Economics. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility.

ECON 4900. Economics Internships. 0-0-3 Units.
Provides students with on-site work experience in economics through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the economic internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a 'C' or better.

FINC 3056. Principles of Finance. 3-0-3 Units.
Describes and analyzes financial principles. Topics covered include financial decision making, the use of financial leverage, the balance sheet and income statement, the role of risk in asset pricing, the capital asset pricing model, and valuation models for stocks and fixed income securities. (F (Day))
Prerequisites: Upper Division Eligibility, ECON 2105 (Grade 'B' or Better), plus an additional 3 credit hours of upper division FINC or ECON, and 3 credit hours of any upper division business course, all with a 'C' or better.

FINC 3201. Investments. 3-0-3 Units.
Introduces financial assets and markets. Topics include an overview of security types, the role of risk in asset pricing, the capital asset pricing model, the efficient markets hypothesis, portfolio theory, characteristics of mutual funds in retirement accounts, stock options, future contracts, and valuation models for stocks and fixed income securities. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a 'C' or better.

FINC 4112. Real Estate Finance. 3-0-3 Units.
Application of theoretical aspects of financial economics to explain real estate financial institutions and markets. Financial and economic methods are applied to residential and commercial real estate. Special topics include real estate in a portfolio, agency problems, and the influence of the legal environment. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a 'C' or better.
FINC 4201. Finance Case Studies. 3-0-3 Units.
Empirical case studies in corporate finance and investments. The modern theories of corporate governance, capital structure, dividend policy, equity valuation, debt financing, and international finance. (F (Day))
Prerequisites: Upper Division Eligibility, ECON 3112, FINC 3101 and FINC 3201 all with a ‘C’ or better.

FINC 4301. Risk Management. 3-0-3 Units.
The types, payoff and pricing of derivative securities and contracts and their application in managing financial risks faced by corporations. Topics include options, forwards, futures and swaps; managing foreign currency risk, interest rate risk, stock price risk, and commodity price risk; and risk management techniques. (As Needed)

FINC 4560. Behavioral Science. 3-0-3 Units.
Introduces students to the theories and implications of behavioral finance, market anomalies, and investor and corporate behavior. Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.

FINC 4700. Independent Study Finance. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in finance in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.

FINC 4701. Finance Case Studies. 3-0-3 Units.

FINC 4800. Special Topics in Finance. 3-0-3 Units.
Examines current, relevant topics in field of Finance. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: FINC 3056 and Upper Division Eligibility.

FINC 4900. Finance Internships. 0-0-3 Units.
Provides students with on-site work experience in finance through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade ‘B’ or Better), plus an additional 3 credit hours of upper division FINC, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

Logistics Supply Chain Mngt Courses

LSCM 3251. Principles of Supply Chain Mng. 3-0-3 Units.
Introduces students to an organization’s resources and processes in its efforts to create products or services. The set of resources planned and managed includes the work force, equipment, materials and information. Topics include coverage of operations strategy and managing change, product design, process selection and planning, and controlling the supply chain. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2850 with a ‘C’ or better.

LSCM 3257. Object Oriented Programming. 3-0-3 Units.
Uses structured programming language for problems related to supply chain management. Emphasis is placed upon development of remote execution programming through LAMP paradigm. Topics include integrated use of operating systems, specialized server software, database and object oriented programming languages applied to problems related to supply chain management. (As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2201 with a ‘C’ or better.

LSCM 4253. Integrated Material/Supply Chn. 3-0-3 Units.
Examines the technology, tools, and practices of modern integrated materials sourcing and logistics. Topics include distribution requirements planning, continuous replenishment, just-in-time, and efficient replenishment. (S (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.

LSCM 4255. Business Process Simulations. 3-0-3 Units.
Covers the basic techniques for computer simulation modeling and analysis of business processes in manufacturing and service industries. Course emphasis is on conceptualizing abstract models of real-world systems (for example, inventory or queuing systems), implementing simulations in Excel and special purpose software (ProModel), production planning and control simulation studies, experimental design, and analyzing simulation output. (F (Online))
Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251 both with a ‘C’ or better.

LSCM 4256. Application Programming SCM. 3-0-3 Units.
Combines database theory and techniques such as tables, queries, forms, reports, and sequential programming with optimization theory to create user friendly applications to support supply chain management. (As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2850 with a ‘C’ or better.

LSCM 4288. Logistics. 3-0-3 Units.
Examines the fundamental elements of channel systems and various institutions that utilize such systems. Distribution models that describe different industries will be investigated. These models will include ways to assess the legal environment and how price is impacted by channel relationships. (F (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251.

LSCM 4503. Quality Management Systems. 3-0-3 Units.
Examines the continuous quality management and improvement philosophy. Topics include strategic management, quality assessment, teams, the role of leadership, lean manufacturing, tools for improving, quality processes, techniques for charting attribute and variable data, Statistical Process Control, Six-Sigma, and lean manufacturing. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251, both with a ‘C’ or better.

LSCM 4580. Supply Chain Management System. 3-0-3 Units.
Covers the major components of supply chain management systems that support the major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system.
Prerequisites: Upper Division Eligibility, BUSA 3055, MARK 3010, MGIS 3351 and LSCM 3251.

LSCM 4700. Independent Study LSCM. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Logistics and Supply Chain Management in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.
LSCM 4701. Global Strat Supply Chain Mngt. 3-0-3 Units.
This course will provide students with current and emerging textbook theories about global SCM strategies along with participation in a cumulative live case study experience for the Operations and Supply Chain Management Major. Students will use the knowledge gained in the previous courses in Logistics and Supply Chain Management to develop operational strategies for business applications. The case project will allow students to solve practical problems at a manufacturing/service firm with faculty supervision. Student teams will address significant operational problems and identify improvement opportunities. Teams will write recommendation/implementation reports, oversee pilot/full-scale implementations when feasible, and make presentations of their work to faculty and members of the companies involved. (S (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251 with a 'C' or better.

LSCM 4800. Special Topics LSCM. 3-0-3 Units.
Examines current, relevant topics in the field of Logistics and Supply Chain Management. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a 'C' or better.

LSCM 4900. LSCM Internship. 0-0-3 Units.
Provides students with on-site work experience in Logistics and Supply Chain Management through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Operations Management internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, LSCM 3251 (Grade of 'B' or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a 'C' or better.

Management Courses

MNGT 3051. Principles of Management. 3-0-3 Units.
Introduces the basic concepts and processes of management including the study of the legal, social, and political environment with an emphasis on the behavioral perspectives in organizations. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and ECON 2105 with a 'C' or better.

MNGT 4053. Human Resource Management. 3-0-3 Units.
Presents theory and policy to perform the human resource function in modern organizations. Topics include EEO law and regulations, selection, recruitment, performance appraisal, compensation, training, and labor relations. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4253. Staffing & Talent Development. 3-0-3 Units.
Staffing & Talent Acquisition will explain the process by which organizations forecast employment needs, recruit potential employees, select high potential candidates from applicant pools, assess job performance levels, give feedback, train and develop existing employees, and deal with voluntary and involuntary turnover. Students will complete semester-long projects that include various technologies and tools used by HR professionals in the staffing process. Students will also be expected to synthesize, evaluate, and suggest improvements for activities/projects completed during the course. (As Needed)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4380. Project Management. 3-0-3 Units.
Covers the fundamental concepts and applied techniques for organizing, planning, and controlling projects. Topics are divided in two categories: behavioral and technical. Behavioral aspects include organizational structure, organizational culture, leadership, teams, and negotiation. Technical aspects include project selection, estimating times/costs, WBS, network computation, PERT/CPM, resource allocation, time reduction, and progress/performance control. Computer software (Excel and MS Project) is introduced to provide hands-on practical training on technical skills. Examples are drawn from a variety of industries including construction and information systems. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a 'C' or better.

MNGT 4501. Entrepreneurship. 3-0-3 Units.
Explores the increasing importance of entrepreneurial activity and the steps necessary in starting a new business venture. Topics include the entrepreneurial personality; recognizing and testing business opportunities; developing the business concept; analyzing risk; and financing the new venture. Students design and present a business plan for a new venture. (F (Evening), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010 and FINC 3056, all with a 'C' or better.

MNGT 4602. Leadership. 3-0-3 Units.
Focuses on managerial leadership through a broad survey of theory, research and practice of leadership in formal organizations. The topic of leadership effectiveness is at the core of this class. (F (Evening), S (Day))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4605. Organizational Effectiveness. 3-0-3 Units.
Investigates formal organizations as social instruments and the means by which such organizations can become more effective. Topics include organization structure, the effects of structure, organizational growth, and the effects of environment and technology on organizational processes. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4612. Managing Effective Teams. 3-0-3 Units.
This course provides a structured approach to better understand how teamwork contributes to organizations, the conditions that make interactions between people and groups highly effective, particularly in a global and cross cultural environment, and how to best put this effectiveness to work. Team-related issues from both theory and practice to be discussed include how to avoid limiting pitfalls of teams, how to create a collaborative climate for team performance, the development of team members, and how to motivate team members. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051 with a 'C' or better.
MNGT 4700. Independent Study Management. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Management in conjunction with an associated major project. Student will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4701. Strategic Management. 3-0-3 Units.
Represents the capstone course in business. Presents theory and practice of strategic decision making within organizations in a case method format. Topics include environmental analysis, organizational direction, strategy formulation and implementation, strategic control, strategic management theory, research and concepts, environmental influences on business, and secondary research methodology. Students will be required to prepare and deliver an oral team analysis of a publicly-traded company, its industry, and its strategy. Must be taken at DSC in the student’s final semester. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010, FINC 3056, LSCM 3251, BUSA 3701, all with a ‘C’ or better.

MNGT 4800. Special Topics in Management. 3-0-3 Units.
Examines current, relevant topics in the field of management. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4900. Management Internship. 0-0-3-12 Units.
Provides students with on-site work experience in Management through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Management Systems internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MNGT 3051 (Grade of ‘B or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

Marketing Systems Courses

MARK 3010. Principles of Marketing. 3-0-3 Units.
Provides a general survey of the field of marketing covering marketing channels, functions, methods and institutions. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2106 with a ‘C’ or better.

MARK 3011. Consumer Behavior. 3-0-3 Units.
Examines the fundamental activities and motives impacting consumer choice, use and disposal of products. Emphasis on end users rather than business customers. Topics include internal and external factors that influence consumer choice, marketing strategies that influence consumer choice, group dynamics and the organizational buying process, and global consumption trends. (F (Day & Evening))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3233. Retail Marketing. 3-0-3 Units.
Explores store location, layout, organizational aspects, credit policies and control systems as they apply to retail operations. Investigates the application of these topics as they relate to online marketing strategies and tactics will be investigated as well. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3455. Professional Selling. 3-0-3 Units.
Examination of the complex process involving buyers and sellers of products and services. Concentration on developing the sales skills required for creating effective exchanges and managing long-term relationships. (M (Online))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3517. Services Marketing. 3-0-3 Units.
Emphasizes the unique differences in the marketing of services including the development and implementation of marketing strategies. Topics include consumer behavior in services marketing, the gaps model of service quality, the marketing mix for services, and demand and capacity management. (As Needed)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3570. Integrated Brand Promotion. 3-0-3 Units.
Focuses on understanding the role of the promotional element of the marketing mix. Topics include the various promotional tools, advertising strategy, creative strategy, the pros and cons of various media options, regulatory constraints and global considerations affecting a firm’s effort toward effective marketing communication. (F (Day)) with a ‘C’ or better.
Prerequisites: Upper Division Eligibility and MARK 3010.

MARK 4121. Marketing Research & Analysis. 3-0-3 Units.
Focuses on the systematic approach to the application of research techniques and procedures for assessing markets. Topics include research design, questionnaire construction, data sources and collection, data analysis, data interpretation and reporting. (F (Day))
Prerequisites: Upper Division Eligibility, BUSA 2850, BUSA 3050, or MATH 2200 and MARK 3010, all with a ‘C’ or better.

MARK 4433. Social Media Marketing. 3-0-3 Units.
This course examines the changing role of social media in the promotional marketing mix, the role of the consumer in social media, online communities and how social media is impacting both marketing and consumer lifestyles. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4480. Sports Marketing. 3-0-3 Units.
This course applies the theoretic foundations of marketing to the sports industry by investigating principles and processes in sports marketing and sales. The foci are on research and development, sport promotion, sport sponsorship, advertising, merchandising, distribution of sports goods, and career opportunities in the field of sports marketing. (F (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4700. Independent Study Marketing. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in marketing in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4701. Marketing Strategy. 3-0-3 Units.
Integrates marketing principles in the context of the decision making exercises related to customers, products, pricing, promotions, distribution and the laws regarding each of these topics. (S (Day))
Prerequisites: Upper Division Eligibility, MARK 3010 with a ‘C’ or better and an additional MARK course with a ‘C’ or better.
MARK 4800. Special Topics in Marketing. 3-0-3 Units.
Examines current, relevant topics in the field of marketing. Each special topics course will cover a new topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4900. Marketing Internships. 0-0-3-6 Units.
Provides students with on-site work experience in Marketing through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Marketing internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MARK 3010 (Grade ‘B’ or Better), plus an additional 3 credit hours of upper division MARK, and 3 credit hours of any upper division business course all with a ‘C’ or better.

Finance

The Finance minor prepares business majors and students with an actuarial science concentration to create value in any business type (for profit, non-profit, governmental, healthcare) by broadening their learning experience through coursework in financial topics including investments, corporate finance, and risk management. Elective classes allow students to tailor their minor based on their interests and acquire skills to enhance their job opportunities. Students with a finance minor not only differentiate themselves from other students in the job market but also can take charge of their own financial future and investment decisions.

MINOR

A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

FOR BUSINESS MAJORS

Required Courses*:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>FINC 3101</td>
<td>Intermediate Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>FINC 3201</td>
<td>Investments</td>
<td>3</td>
</tr>
</tbody>
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Electives*:

Select three electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINC 4112</td>
<td>Real Estate Finance</td>
<td></td>
</tr>
<tr>
<td>FINC 4301</td>
<td>Risk Management</td>
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</tr>
<tr>
<td>FINC 4700</td>
<td>Independent Study Finance</td>
<td></td>
</tr>
<tr>
<td>FINC 4800</td>
<td>Special Topics in Finance</td>
<td></td>
</tr>
<tr>
<td>ECON 3112</td>
<td>Money and Banking</td>
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</tbody>
</table>

Other courses may be used as electives upon approval of the coordinating faculty.

* Grade of C or higher required.

Total Hours 15

Courses

FINC 3056. Principles of Finance. 3-0-3 Units.
Introduces students to financial management. Topics include the structure and analysis of financial statements, cash flow, time value of money, investment valuation, capital budgeting, long and short term financial decision making. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: Upper Division Eligibility, ACCT 2102, BUSA 2201 or CMAP 1301 all with a ‘C’ or better.

FINC 3101. Intermediate Corporate Finance. 3-0-3 Units.
The course introduces students to financial management. Topics include the structure and analysis of financial statements, cash flow, financial forecasting, determination of the cost of capital and the profitability of proposed investments in fixed assets, portfolio theory, and risk return tradeoffs that must be considered in using financial leverage. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.

FINC 3201. Investments. 3-0-3 Units.
Introduces financial assets and markets. Topics include an overview of security types, the role of risk in asset pricing, the capital asset pricing model, the efficient markets hypothesis, portfolio theory, characteristics of mutual funds in retirement accounts, stock options, future contracts, and valuation models for stocks and fixed income securities. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.

FINC 4112. Real Estate Finance. 3-0-3 Units.
Application of theoretical aspects of financial economics to explain real estate financial institutions and markets. Financial and economic methods are applied to residential and commercial real estate. Special topics include real estate in a portfolio, agency problems, and the influence of the legal environment. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.

FINC 4201. Finance Case Studies. 3-0-3 Units.
Empirical case studies in corporate finance and investments. The modern theories of corporate governance, capital structure, dividend policy, equity valuation, debt financing, and international finance. (F (Day))
Prerequisites: Upper Division Eligibility, ECON 3112, FINC 3101 and FINC 3201 all with a ‘C’ or better.

FINC 4301. Risk Management. 3-0-3 Units.
The types, payoff and pricing of derivative securities and contracts and their application in managing financial risks faced by corporations. Topics include options, forwards, futures and swaps; managing foreign currency risk, interest rate risk, stock price risk, and commodity price risk; and risk management techniques. (S (Day))

FINC 4560. Behavioral Science. 3-0-3 Units.
Introduces students to the theories and implications of behavioral finance, market anomalies, and investor and corporate behavior.
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.

FINC 4700. Independent Study Finance. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in finance in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and FINC 3056 with a ’C’ or better.

FINC 4701. Finance Case Studies. 3-0-3 Units.

FINC 4800. Special Topics in Finance. 3-0-3 Units.
Examines current, relevant topics in field of Finance. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: FINC 3056 and Upper Division Eligibility.
FINC 4900. Finance Internships. 0-0-3 Units.
Provides students with on-site work experience in finance through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the finance internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F,S,M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade 'B' or Better), plus an additional 3 credit hours of upper division FINC, and 3 credit hours of any upper division business course, all with a 'C' or better.

Financial Technology

The FinTech minor will help students prepare for employment in this high-demand field in jobs that include blockchain developer, application developer, quantitative analyst, data scientist, financial analyst, business development manager, product manager, cybersecurity analyst, risk control manager, and compliance analyst. Financial technology (FinTech) is at the intersection of information technology and financial services. FinTech technology used in all financial services to improve management of new software, applications, processes, and business models. FinTech companies provide a wide range of financial services to clients worldwide.

MINOR

A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

Required Courses*:
FTA 4001 Foundations of Fintech 3
FTA 4002 Financial Technologies 3
FTA 4003 Commercial Banking in Fintech 3

Select Two Elective Courses*:
BUSA 3532 Bus Analytics/Data Mining 3
CAPS 1145 Introduction to Networks 3
CAPS 1152 Linux 3
ECON 4101 Applied Econometrics 3
FINC 3101 Intermediate Corporate Finance 3
FTA 4005 Intro Financial Data Analytics 3
FTA 4100 Inform. Security for FinTech 3
ITEC 3251 Linux II 3
MGIS 3352 Management Application Prog I 3
MGIS 3353 Management Applications Programming II 3
MGIS 3356 Database Management Systems 3
MGIS 3390 Management of IS Security 3
MGIS 4358 Web-based MIS 3

* Grade of C or higher required.

All FTA classes are on-line.

Total Hours 15

Courses
FTA 2400. Intro Financial Technology. 3-0-3 Units.
FTA 2410. Coding for FinTech. 3-0-3 Units.
FTA 3055. Innovative Sol’n for FinTech. 3-0-3 Units.
FTA 4001. Foundations of Fintech. 3-0-3 Units.
The financial services industries are changing rapidly with the emergence of financial technology (FinTech). The objective of the course is to provide students with an overview of FinTech and introductions to its applications in financial services, such as commercial and investment banking, digital investing, financial advising, and insurance. Students are expected to develop a broad understanding of the recent FinTech development and its impact on different parts of the financial world. Students will also have hands-on problem-solving experiences that can be useful in FinTech applications and innovation. Topics may include but are not limited to: blockchain and cryptocurrencies, smart contracting, payments, digital banking, P2P lending, crowdfunding, robo-advising, and InsurTech.
Prerequisites: WSOB or STM advisor approval.

FTA 4002. Financial Technologies. 3-0-3 Units.
This course examines the information and communications tools, technologies, and standards integral to consumer, merchant, and enterprise services in the payments and financial service sectors. Explores technology's role in reshaping FinTech businesses. Technologies span messaging, communication networks and gateways, core processing, mobile and online software, and application program interfaces (APIs). Includes the challenges, standards, and techniques associated with securing systems and data.
Prerequisites: WSOB or STM advisor approval.

FTA 4003. Commercial Banking in FinTech. 3-0-3 Units.
The FinTech revolution is creating significant disruption to the traditional processes of managing and regulating financial institutions, especially banks. Digital technology is increasingly altering basic financial intermediation functions such as payment processing, risk management, information dissemination, price discovery, capital raising, and consumer expectations concerning access to funds and the timing of loan decisions. Understanding, assessing and forecasting FinTech's impact on banking is particularly important because proper management and oversight of financial institutions is essential to the efficient operation of the national, as well as global, economy. In this course, students will learn about the principles and practices of commercial bank management, bank regulation, and the tradeoffs between risk and return. Challenges presented by the FinTech evolution, including traditional and emergent competitors as well as demographic, social, and technology forces driving change in the industry, will be integrated throughout the entire course.
Prerequisites: WSOB or STM advisor approval.
FTA 4005. Intro Financial Data Analytics. 3-0-3 Units.
This course provides the foundation for financial data analytics used in business and FinTech applications. The objective of this course is for students to gain experience in analyzing financial data using modern machine learning techniques, statistical methods, and prediction models. Students will develop computational skills to perform data analysis using a modern statistical programming environment, and apply these skills to address a range of problems encountered by business firms, including those in the FinTech industry. The topics discussed include an introduction to R language, visualization of financial data, cluster analysis, simple and multiple linear regression, classification models, high dimension data analysis using Lasso, and model assessment and selection using cross validation. Students will have hands-on experience in the development of data analytics applications to analyze real world financial problems.
Prerequisites: WSOB or STM advisor approval.

FTA 4100. Inform. Security for FinTech. 3-0-3 Units.
The purpose of this course is to introduce the business student to the rapidly evolving and critical international arenas of privacy, information security, and critical infrastructure. This course is designed to develop knowledge and skills for security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-facing systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations.
Prerequisites: WSOB or STM advisor approval.

Forensic Accounting
The Forensic Accounting Minor provides business majors insight into the criminal justice aspects of accounting while presenting the investigative processes of accounting from engagement to conclusion. Students master the collection, analysis, and evaluation of evidential matter and communicate their findings to top management for careers in Information Systems Security, Security Analysis, Auditing, and Accounting Information Systems.

MINOR
A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

Required Courses*:
ACCT 3500 Forensic Accounting 3
CRJU 1100 Intro to Criminal Justice 3
MGIS 3390 Management of IS Security 3

Elective Courses*:
Select two electives: 6
ACCT 3600 Accounting Information Systems
CRJU 3100 Criminal Law
CRJU 3200 Criminology
CRJU 3500 Criminal Investigation I
CRJU 4110 The Law of Criminal Evidence
CRJU 4500 Management of Forensics

PSYC 3850 Forensic Psychology 3
* Grade of C or higher required.

Total Hours 15

Geography
MINOR
A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in geography must include 15 credit hours of geography course work, with at least 9 hours at the 3000-level or above.

Six hours selected from the following electives: 6
GEOG 1100 Introduction to Geography
GEOG 1101 Intro to Human Geography
GEOG 1111 Intro to Physical Geography

Nine hours of the following upper-level courses: 3
GEOG 3310 Historical Geography
GEOG 3320 The African Americas
GEOG 3330 Heritage Tourism

Total Hours 15

Courses
GEOG 1100. Introduction to Geography. 3-0-3 Units.
Offers a broad introduction to the field of geography, with its various traditions, subfields, and associated technologies. Topic areas covered include the multiple aspects of cultural and physical geography and tools used in the discipline.
Prerequisites: ENGL 0999 unless exempt.

GEOG 1101. Intro to Human Geography. 3-0-3 Units.
Introduces the study of world geography with attention given to demographic, political, cultural, economic, and environmental characteristics of regions of the world.
Prerequisites: ENGL 0999 unless exempt.

GEOG 1111. Intro to Physical Geography. 3-0-3 Units.
Introduces the basic principles of geography as related to the physical elements of the human environment and area distribution throughout the world. Includes maps and locations, weather, climate, and natural resources.
Prerequisites: ENGL 0999 unless exempt.

GEOG 3310. Historical Geography. 3-0-3 Units.
Examines the changing landscape of North America from the Pre Columbian era to the present. Surveys past places, spaces, regions, movements, environments, and landscapes.
Prerequisites: HIST 2111 or HIST 2112.

GEOG 3320. The African Americas. 3-0-3 Units.
Examines the influence of African peoples on regional formation in the Americas with a focus on the biophysical landscape and African adaptation/relationships, the geographic imagination of African American regions, and the relational approach in defining African American regional formation.
Prerequisites: HIST 2111 or 2112.
GEOG 3330. Heritage Tourism. 3-0-3 Units.
1azProvides an overview of heritage tourism, tourism that focuses on the cultural and natural heritage of a region. Topics may include archaeological sites, indigenous culture, agriculute and foodways, industrial landscapes, religious sites, diaspora, and dark tourism interspersed with case studies from the Greater Chattanooga region and Georgia.
Prerequisites: HIST 2111 or 2112.

Global Studies

MINOR

A minor in Global Studies includes 15 hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements. Courses that are required in the major may not be applied toward a minor in Global Studies.

Choose 0 to 6 Hours From the Following: 0-6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
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<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
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<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
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<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
</tr>
<tr>
<td>GRMN 1002</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World Civilization since 1500</td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
</tr>
<tr>
<td>MUSC 1110</td>
<td>World Music</td>
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<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<tr>
<td>POLS 2301</td>
<td>Comparative Politics</td>
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<td>POLS 2401</td>
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<tr>
<td>SPAN 1002</td>
<td>Elementary Spanish II</td>
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<tr>
<td>SPAN 1003</td>
<td>Accelerated Elementary Spanish</td>
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<tr>
<td>SPAN 2001</td>
<td>Intermediate Spanish I</td>
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<tr>
<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
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</table>

Choose 9 to 15 hours from the following Upper-Level Courses: 9-15

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL 3150</td>
<td>Science and Society</td>
</tr>
<tr>
<td>BUSA 3351</td>
<td>International Business</td>
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<tr>
<td>COMM 4425</td>
<td>Intercultural Communication</td>
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<tr>
<td>CRJU 3550</td>
<td>Comparative Criminology</td>
</tr>
<tr>
<td>ECON 3110</td>
<td>International Trade</td>
</tr>
<tr>
<td>ENGL 3340</td>
<td>Hispanic Lit in Translation</td>
</tr>
<tr>
<td>ENGL 3360</td>
<td>Topics in Asian Literature</td>
</tr>
<tr>
<td>ENGL 4420</td>
<td>Literature Non-Western World</td>
</tr>
<tr>
<td>HIST 3110</td>
<td>Colonial Latin America</td>
</tr>
<tr>
<td>HIST 3120</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>HIST 3150</td>
<td>History of Africa</td>
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<tr>
<td>HIST 3160</td>
<td>The African Diaspora</td>
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<tr>
<td>HIST 3210</td>
<td>Modern China</td>
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<tr>
<td>HIST 3230</td>
<td>History of the Middle East</td>
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<tr>
<td>HIST 3300</td>
<td>English History to 1485</td>
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<td>HIST 3320</td>
<td>History of Britain since 1714</td>
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<tr>
<td>HIST 3340</td>
<td>The British Empire</td>
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<tr>
<td>HIST 3480</td>
<td>Europe in the 19th Century</td>
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<tr>
<td>HIST 3490</td>
<td>Europe in the 20th Century</td>
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<tr>
<td>HIST 3510</td>
<td>History of Japan</td>
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<tr>
<td>HIST 3540</td>
<td>Modern Russia</td>
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<tr>
<td>HIST 3550</td>
<td>Modern Germany</td>
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<tr>
<td>HIST 3560</td>
<td>The Holocaust</td>
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<tr>
<td>HIST 3940</td>
<td>Special Topics World History</td>
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<tr>
<td>PSYC 3450</td>
<td>Cross-Cultural Psychology</td>
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<tr>
<td>SOCI 3001</td>
<td>Global Cultures and Societies</td>
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<tr>
<td>SPAN 3001</td>
<td>Adv Conversation/Composition</td>
</tr>
<tr>
<td>SPAN 3002</td>
<td>Literary/Nonliterary Texts</td>
</tr>
</tbody>
</table>

NOTE: Study Abroad courses not listed that have strong international content may be used toward the minor in global studies on a course-by-course basis.

Total Hours 15

** The prerequisite CRJU 1100 is waived for non-Criminal Justice majors pursuing the minor in Global Studies.
*** The prerequisite ENGL 3010 is waived for non-English majors pursuing the minor in Global Studies.
**** The prerequisite HIST 3000 is waived for non-History majors pursuing a minor in global studies.

Health and Wellness

Minor

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements. A minor in Health & Wellness must include 15 credit hours of Health & Wellness course work, with at least 9 hours at the 3000-level or above.

Choose twelve credit hours of 3000-4000 level HLTH classes 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>HLTH 2500</td>
<td>Interpersonal Health/Relations</td>
</tr>
<tr>
<td>HLTH 3000</td>
<td>Coping/Stress Mgt/Life Satisf</td>
</tr>
<tr>
<td>HLTH 3001</td>
<td>Personal Health and Wellness</td>
</tr>
<tr>
<td>HLTH 3005</td>
<td>Responding to Emergencies</td>
</tr>
<tr>
<td>HLTH 3250</td>
<td>Careers in Health and Wellness</td>
</tr>
<tr>
<td>HLTH 3500</td>
<td>Health Aspects/Human Sexuality</td>
</tr>
<tr>
<td>HLTH 3750</td>
<td>Nutrition/Hlthy Eat &amp; Wt Maint</td>
</tr>
<tr>
<td>HLTH 4000</td>
<td>Motiv Aspects of Hlth Beh Cng</td>
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<tr>
<td>HLTH 4001</td>
<td>Coping/Stress Mgt/Life Satisf</td>
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<tr>
<td>HLTH 4100</td>
<td>Motivation Health Behav Change</td>
</tr>
<tr>
<td>HLTH 4250</td>
<td>Core Concepts &amp; Iss in Fitness</td>
</tr>
<tr>
<td>HLTH 4300</td>
<td>Community Health</td>
</tr>
</tbody>
</table>
### Courses

**HLTH 1030. Health and Wellness Concepts. 1-0-1 Unit.**
Introduces personal responsibility for health and wellness and provides information and strategies that can be adopted. Covers topics such as wellness assessment, self-managed behavior, physical fitness, nutrition, weight control, stress management. This course does not satisfy the physical activity requirement. 
Prerequisites: READ 0098, unless exempt.

**HLTH 2000. Personal Health & Wellness. 3-0-3 Units.**
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.

**HLTH 2050. Responding to Emergencies. 3-0-3 Units.**
This course is directed towards those seeking advanced first aid training for schools and communities. It offers American Red Cross certification in CPR for the Professional Rescuer, First Aid and Automated External Defibrillation. This course can train and certify students majoring in various health care, education, criminal justice and general studies curriculums. Also offered as an elective for the minor in Health and Wellness program.

**HLTH 2500. Interpersonal Health/Relations. 3-0-3 Units.**
Examines the research on developing and maintaining healthy interpersonal relationships. Emphasis will be placed on promoting positive interactions and productive versus non-productive conflict management.

**HLTH 3000. Coping/Stress Mgt/Life Satisf. 3-0-3 Units.**
Provides a holistic approach overviewing the basic principles, theories, and techniques for effectively coping with and managing personal stress. Emphasis will be placed on prevention of stress and application of the research on coping and life satisfaction.

**HLTH 3001. Personal Health and Wellness. 3-0-3 Units.**
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.

**HLTH 3005. Responding to Emergencies. 3-0-3 Units.**
This course is directed towards those seeking advanced first aid training for schools and communities. It offers American Red Cross certification in CPR for the Professional Rescuer, First Aid and Automated External Defibrillation. This course can train and certify students majoring in various health care, education, criminal justice and general studies curriculums. Also offered as an elective for the minor in Health and Wellness program.

**HLTH 3250. Careers in Health and Wellness. 3-0-3 Units.**
Examines career opportunities for health and wellness majors. Topics include an examination of the health and wellness major, preparation for employment with a focus on the skills employers seek, developing the skills necessary for obtaining employment, and enhancing marketability. Students will complete career inventories and guest speakers from the health professions in the community will be invited to share information about their careers, work experiences, and hiring preferences.

**HLTH 3500. Health Aspects/Human Sexuality. 3-0-3 Units.**
Examines health issues associated with sex roles, values, gender, sexual orientation, sexual behavior, sexual problems and other issues related to sexual behavior and sexuality. Pre-requisite: HLTH 2500 Interpersonal Health and Relationships

**HLTH 3750. Nutrition, Hlthy Eat & Wt Maint. 3-0-3 Units.**
Principles of nutrition, diet therapy and knowledge of food preparation. Course includes the basic nutrients necessary for human health, digestion and absorption of key nutrients, relationship between nutrition and physical fitness for weight management, food safety and sanitation, nutrition needs as related to the life cycle and health conditions, disorders and diseases related to nutrition. Pre-requisite: HLTH 3001, Personal Health and Wellness.

**HLTH 4000. Motiv Aspects of Hlth Beh Chng. 3-0-3 Units.**
Provides an introduction to the study of health behavior change. Theoretical models for behavior change will be explored and applied. Emphasis will be placed on application of theory for the enhancement of community health and for individual well-being.

**HLTH 4001. Coping/Stress Mgt/Life Satisf. 3-0-3 Units.**
Provides a holistic approach overviewing the basic principles, theories, and techniques for effectively coping with and managing personal stress. Emphasis will be placed on prevention of stress and application of the research on coping and life satisfaction.

**HLTH 4100. Motivation Health Behav Change. 3-0-3 Units.**
Provides an introduction to the study of health behavior change. Theoretical models for behavior change will be explored and applied. Emphasis will be placed on application of theory for the enhancement of community health and for individual well-being.

**HLTH 4250. Core Concepts & Iss in Fitness. 3-0-3 Units.**
An introduction to basic scientific knowledge and practical experience in the principles, assessment, and development of total well-being through health-related physical fitness and lifestyle management techniques. Major topics will include: cardiovascular endurance, muscular endurance, muscular strength, flexibility, body composition, and nutrition. Pre-requisite: HLTH 3001 – Personal Health and Wellness.

**HLTH 4300. Community Health. 3-0-3 Units.**
Provides an introduction to community health. Students will develop an understanding of historical and theoretical foundations of community health and major societal health concerns; explore community health models and programs used to address these concerns; and examine racial/ethnic, cultural, and social determinants of health. This course will also provide an introduction to public health program planning and evaluation in the context of community health providing a review of factors that influence as well as improve the health of communities. Pre-requisite: HLTH 4100 – Motivation for Health Behavior Change.

**HLTH 4500. Special Topics Health/Wellness. 3-0-3 Units.**
This course will address Special Topics: Films on Health and Wellness Issues.

**HLTH 4750. Coaching & Leadership. 3-0-3 Units.**
The course provides an overview of the concepts that are essential in the preparation of sport coaches. Students will evaluate the current theoretical perspectives in the field of sport psychology and critically evaluate the current research in coaching sports. Topics include developing a coaching philosophy, evaluating theories in motivation, understanding team dynamics, communicating effectively, and improving player performance. Pre-requisite: HLTH 4250 – Core Concepts and Issues in Fitness.
HLTH 4850. Sr. Sem Capstone in Hlth&Welln. 3-0-3 Units.
This course is the capstone experience for students completing the program requirements for the Bachelor of Science in Health and Wellness. Course topics include trends in health and wellness, professional ethics, diversity issues, marketplace needs, and employment strategies. Pre-requisite: senior status as a Health and Wellness major

HLTH 4900. Practicum/Internship Hlth&Well. 0-0-3-6 Units.
Practicum experiences may be completed in selected health care work environments: public health departments, clinics, hospitals, not-for-profit organizations, community, or commercial settings. The practicum is a supervised experience in several role specialization areas. The general purpose of the practicum is to give students an opportunity to implement the theories and principles acquired in class, develop professional competencies, and to experience diverse working situations. The practicum implies a team relationship among the student, the cooperating administrator and the college practicum supervisor. Pre-requisite: senior status as a Health and Wellness major

History

Minor

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in History must include 15 credit hours of history course work, with at least 9 hours at the 3000-level or above.

IMPORTANT: Effective Fall 2014, all students who are majoring or minoring in history will be required to take HIST 3000: The Study of History either as a prerequisite or as a co-requisite for all 3000- and 4000-level history courses. Non-majors are permitted to enroll in 3000- and 4000-level history courses as electives without having to satisfy this requirement.

HIST 3000 The Study of History 3
One of the following History electives (optional): 0-3
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
Three to four of the following History Upper Electives: 6-12
HIST 3050 The Ancient Mediterranean
HIST 3110 Colonial Latin America
HIST 3120 Modern Latin America
HIST 3150 History of Africa
HIST 3160 The African Diaspora
HIST 3200 Traditional China
HIST 3210 Modern China
HIST 3230 History of the Middle East
HIST 3310 Tudor-Stuart England
HIST 3320 History of Britain since 1714
HIST 3300 English History to 1485
HIST 3325 Introduction to Public History
HIST 3340 The British Empire
HIST 3345 Business & Econ Hist of the US
HIST 3350 History of Appalachia
HIST 3440 Europe in the Middle Ages

Courses

HIST 1050. Appalachian Hist-Special Topic. 1-0-1 Unit.
Provides a topical survey of the social, economic, and political history of the Appalachian Region from the colonial period to the present. This course examines patterns of culture, economy, politics, land use, and social structure. Topics may vary each term. (Offered occasionally) Prerequisites: English 0999 unless exempt.
HIST 1051. Sports Hist & Amer Character. 1-0-1 Unit.
Surveys American sports history from 1900 to present to demonstrate the impact of sports on the unique American character. The course will emphasize the relationships of sports, players, and spectators to American society. Through the connection of sports history with politics, sociology, and business, students will analyze how sporting activities reflect the development of American society during the twentieth century. Prerequisites: English 0999 unless exempt.

HIST 1111. World Civilization to 1500 CE. 3-0-3 Units.
Surveys the history of civilization from its beginnings through the ancient, classic, and medieval eras to 1650 C.E. Although Western civilization and its antecedents in the Mediterranean basin receive the most intense study, Indian, Far Eastern, and Islamic civilizations are also given extensive consideration. Prerequisites: English 0999 unless exempt.

HIST 1112. World Civilization since 1500. 3-0-3 Units.
Surveys the history of civilization in the modern era from 1650 C.E. to the present. While the perspective of the course is global, the development of Western ideals and institutions and their expansion on a world-wide scale serve as the basic organizing principles of the course. A continuation of HIST 1111 but may be taken independently. Prerequisites: English 0999 unless exempt.

HIST 2111. United States History to 1877. 3-0-3 Units.
Surveys the history of colonial America and the United States from the first European encounters with the New World through the Civil War and Reconstruction. Prerequisites: English 0999 unless exempt.

HIST 2111H. Honors US History to 1877. 3-0-3 Units.
Surveys United States history from the Reconstruction era to the present. A continuation of HIST 2111 but may be taken independently. Prerequisites: English 0999 unless exempt.

HIST 3000. The Study of History. 3-0-3 Units.
Provides an introduction to the historian's craft. Includes an examination of the philosophies, methodologies, and techniques of historical research and writing. History majors must take this course at the beginning of their junior year. Prerequisites: HIST 2111 and HIST 2112.

HIST 3050. The Ancient Mediterranean. 3-0-3 Units.
Examines ancient civilizations in the region of the Mediterranean Sea. Topics will include the history of ancient Egypt and Mesopotamia, Greece, and Rome. Emphasis is placed on political, social, economic, and military systems and on the historical relationships among the major Mediterranean cultures. Prerequisites: HIST 1111 and HIST 3000.

HIST 3100. History of Latin America. 3-0-3 Units.
Examines Latin American history from pre-colonial times to the present. Topics will include European intrusion and settlement, plantation societies, slavery, and slave rebellions, 19th and 20th century political and economic developments and U.S. policy. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3110. Colonial Latin America. 3-0-3 Units.
Examines Amerindian, Iberian, and Caribbean history from pre-colonial times to the end of the colonial period in the late 18th century. Topics will include European intrusion and settlement, systems of colonial governance, plantation societies, and slavery. Prerequisites: HIST 1111 and 1112; prerequisite or co-requisite: HIST 3000.

HIST 3120. Modern Latin America. 3-0-3 Units.
Examines the establishment of government and new social structures in society after the wars for independence as well as the major developments during the 19th and 20th centuries. This course covers the contributions of indigenous peoples and those of African descent to Latin American culture and emphasizes major trends and developments in the various Latin American countries rather than the details of each of the present republics. Prerequisites: HIST 1112; prerequisite or co-requisite: HIST 3000.

HIST 3150. History of Africa. 3-0-3 Units.
Explores the history of Africa from the origins of agriculture, the rise of complex societies, the spread of Islam, the rise of the Atlantic slave trade and Diaspora. Topics will also include European conquest and colonization, anti-colonial wars, independence and post-colonial politics. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3160. The African Diaspora. 3-0-3 Units.
Examines the history of the dispersed Africans covering the period from its beginnings in the fifteenth-century until the early twentieth century, including contacts between Africa and the rest of the world, the development of African Diasporas in the Americas, revolutions and abolitionism, and "back to Africa" movements. Prerequisites: HIST 1111 or HIST 1112, and HIST 3000.

HIST 3200. Traditional China. 3-0-3 Units.
Surveys the history of Chinese civilization from ancient times to the mid-nineteenth century. Emphasis is placed on political, social, economic, and cultural development. Topics include Chinese philosophy, foreign relations, and governmental structures. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3210. Modern China. 3-0-3 Units.
Surveys the history of China from the nineteenth century to the present. Emphasis is placed on political, social, economic, and cultural developments. Prerequisites: HIST 1112 and HIST 3000.

HIST 3220. History of the Middle East. 3-0-3 Units.
Surveys the history of the Middle East from 1453 to the present. Focus is on the evolution of religions, nationalist and cultural identities in the region, and their contribution to political revolutions. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3300. English History to 1485. 3-0-3 Units.
Traces the development of England from ancient times until 1485. Special attention will be given to the political, religious, and social developments within England. The Romand and Anglo-Saxon periods and the dynasties established after the Norman Conquest will all be examined. Prerequisites: HIST 1111 and pre- or co-requisite: HIST 3000.

HIST 3310. Tudor-Stuart England. 3-0-3 Units.
Explores the religious, political, and cultural upheavals in England under the Tudor and Stuart monarchs of the sixteenth and seventeenth centuries. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3320. History of Britain since 1714. 3-0-3 Units.
Traces the history of Britain from the age of the American War of Independence and the Industrial Revolution through the 20th century. Particular attention will be paid to political culture, intellectual change, and economic readjustment in the 20th century. Prerequisites: HIST 1112 and HIST 3000.
HIST 3325. Introduction to Public History. 3-0-3 Units.
Exposes students to how Americans think about the past, as well as its commemoration and public presentation. Special focus will be placed on the ways in which historians transfer their writing, research, and analytical skills to professions outside of academia. Major subfields and professions within public history are examined as are the current issues and controversies within the field.
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3340. The British Empire. 3-0-3 Units.
Examines the British Empire from the first expansion in the 16th century to the period of decolonization in the 20th century. The ways the British built and then maintained the empire will be explained. Emphasis will be on Australia, Canada, South Africa and India, but imperial holdings across the globe will also be considered.
Prerequisites: HIST 1112; prerequisite or co-requisite: HIST 3000.

HIST 3345. Business & Econ Hist of the US. 3-0-3 Units.
Surveys United States economic history from colonial times to the present. Emphasis will be placed on the dynamic growth and socio-political repercussions of American industrial power at home and abroad from the second half of the 19th century.(Offered occasionally)
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3350. History of Appalachia. 3-0-3 Units.
Surveys the history of the Appalachian region from the colonial period to the present. The course will emphasize the social, economic, and political history of the region. This study of Appalachian history will shed light on the national experience as well.
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3440. Europe in the Middle Ages. 3-0-3 Units.
Surveys Medieval Europe from 476 to the fall of Constantinople in 1453. The rise of the Catholic Church to its dominant position in the 13th century and the struggles of the monarchs and their feudal values will be discussed along with such topics as the Black Death and the Inquisition.
Prerequisites: HIST 1111 and HIST 3000.

HIST 3460. Renaissance and Reformation. 3-0-3 Units.
Analyzes the two great intellectual movements of early modern Europe. Details will include the religions and social context in which these movements took place and their respective influences on European society.
Prerequisites: HIST 1111 or HIST 1112 and HIST 3000.

HIST 3480. Europe in the 19th Century. 3-0-3 Units.
Integrates social, cultural and political events and includes such topics as religion, social structures, economics, and modern warfare in 19th century Europe.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3490. Europe in the 20th Century. 3-0-3 Units.
Integrates social, cultural, and political events and includes such topics as religion, social structures, economics, and modern warfare in 20th century Europe.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3495. World War I Era. 3-0-3 Units.
Explores the origins and conduct of World War I, as well as the Paris Peace Conference after the war and the role the conference played in the coming of World War II, twenty years later. Emphasis will be on Germany, France, Great Britain and Russia, and their roles in the war.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3500. World War II Era. 3-0-3 Units.
Examines the causes of World War II, along with the events and implications of the war. Emphasis will be placed on the period from the end of World War I to 1945, with special consideration given to the political, military, and diplomatic aspects of the war.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3510. History of Japan. 3-0-3 Units.
Surveys the history of Japan from ancient and medieval Japan’s cultural foundations to modern Japan’s transformation from an agrarian country to an economic superpower.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3520. France: 1660-1815. 3-0-3 Units.
Surveys French history, including such topics as French expansion and colonization, the Enlightenment, conflicts in French society under the Old Regime, the Revolution, and the Napoleonic Wars.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3540. Modern Russia. 3-0-3 Units.
Stresses the Russian Revolution, the 1917 Bolshevik takeover, Leninist-Stalinist contributions and modification culminating with Gorbachev and includes the 1991 downfall of Communism and the emergence of a new Russia.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3550. Modern Germany. 3-0-3 Units.
Surveys German history since 1848, including such topics as German unification, the Franco-Prussian War, World War I, the Rise of Nazism, World War II, the division of Germany, and the Cold War to reunification and the present.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3560. The Holocaust. 3-0-3 Units.
This course will critically examine the events that shaped the tragic outcome of the Holocaust. In addition to providing a chronological history of major events, this course will look at the Holocaust thematically by exploring such issues as the historical memory of the Holocaust, the roles played by rescuers, bystanders, and collaborators, the attempts to resist the extermination of European Jews, and, finally, the impact of the Holocaust on survivors. Prerequisites: HIST 1112 and HIST 3000(HIST 3000 is waived for non-History majors)

HIST 3610. Oral History. 3-0-3 Units.
Focuses on the theories, methods and debates related to oral history. It provides the practical skills required to conduct successful oral history interviews. Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3620. Historic Site Preservation. 3-0-3 Units.
Provides an introduction to American historic preservation and focuses on its history and practices. The course surveys the growth and development of the preservation of sites, landscapes, and buildings, in particular, and investigates the legislation (national, state, and local) that established and continues to guide the field of preservation, providing students with knowledge of historic preservation issues, programs, and practices. Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3630. Introduction to Museum Studies. 3-0-3 Units.
Provides students with an overview of the purpose, function, and history of museums and their role in society. Students will be introduced to all of the disciplines within the museum and will discuss recent issues in the field. Additional readings, responses, and presentations will allow students to explore their own interests in the field. Students will gain hands-on experience using the resources of the Bandy Heritage Center. Prerequisite(s): HIST 2111 and HIST 2112 and HIST 3000.
HIST 3640. Archival Management in Museums. 3-0-3 Units.
Introduces students to the art of archival theory and practice.
Prerequisite(s): HIST 2111 and HIST 2112 and HIST 3000.

HIST 3650. History and Memory. 3-0-3 Units.
Examines the literature of public history and memory. Through readings and discussion, the class will examine the changing interpretations of historical events over time, the influence of historical memory, the politics of historical interpretation, and the public presentation of history.
Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3700. American History and Film. 3-0-3 Units.
Explores the history of the United States through films made about various historical eras. Through a contextualization and critical analysis of these films and their subjects, students will develop an understanding of the major themes in US history.
Prerequisites: HIST 2111 or 2112, prerequisite or co-requisite: HIST 3000.

HIST 3710. Amer Indian History to 1840. 3-0-3 Units.
Explores the impact of colonization on Native Americans to 1840, focusing on the adaptations of Indians to the tremendous changes brought about by the meeting of the Old World and the New World.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3720. Amer Indian History since 1840. 3-0-3 Units.
Explores how Native Americans themselves have constructed their lives from 1840 through the 20th century. Special attention will be given to U.S. government policy toward the Indians.
Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 3725. Religion in America to 1860. 3-0-3 Units.
Provides a broad knowledge of religion in early America, primarily from a social and cultural perspective, until 1860. Topics will include region, social class, growth of institutions, slavery, and social reform in traditions including Protestantism, West African religion, Catholicism, Native American religion, and Judaism.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3730. Colonial America. 3-0-3 Units.
Provides an in-depth study of Colonial America, particularly North America, from pre-Columbian times up to the Revolutionary era.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3735. Revolutionary America. 3-0-3 Units.
Provides an in-depth study of Revolutionary America from the end of the French and Indian War to the election of 1800.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3740. Jeffersonian/Jacksonian Amer. 3-0-3 Units.
Explores the history of the United States from the early republic to the antebellum period. The course focuses on expansion, industry, the development of the first and second party systems, and the factors which led to the sectional crisis.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3750. Civil War & Reconstruction. 3-0-3 Units.
Explores the origins and conduct of the war as well as its legacy and impact on people and institutions. Emphasis will be placed on the American South and the experiences of African Americans.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3755. American Foreign Policy. 3-0-3 Units.
Examines the role of the United States in world affairs, the motivations of foreign policymakers, and the ramifications of key decisions. The primary focus will be on the period after 1890, when the United States emerged as a global power. The course will also address the foundations of the country’s approach to international relations and introduce the various approaches of studying foreign relations.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3760. Gilded Age/Progres Era America. 3-0-3 Units.
Surveys the political, social, economic, diplomatic, and intellectual history of the United States from the 1870s to the 1910s.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3770. America from WWI to WWII. 3-0-3 Units.
Focuses on the political, social, economic, diplomatic, and intellectual history of the United States as the nation grappled with its participation in the two major world wars as well as dealt with the consequences of a worldwide depression.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3780. Cold War America. 3-0-3 Units.
Surveys the political, social, economic, diplomatic, and intellectual history of the United States from the end of World War II to the early 1990s.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3785. The American Presidency. 3-0-3 Units.
Examines the evolution of the presidency from its creation to the present. This course explores the relationship of the presidency with other governmental institutions, interest groups, the press and the public.
Prerequisites: HIST 2111, 2112, and 3000.

HIST 3800. Civil Rights Movement. 3-0-3 Units.
Surveys the Civil Rights Movement from World War II to the present. Emphasis will be placed on the leaders as well as the events that helped shaped the movement.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3810. African-Amer Religions to 1860. 3-0-3 Units.
Examines African American spirituality and religion from the arrival of African slaves to the Americas until the verge of the United States Civil War. It will illustrate the variety of African spirituality through time, as well as the influence of environment, Christianity, and white-black relations on the development of these different spiritualities, with special attention being given to the institution of slavery. The development of African Christianity will be a focus, but the course will also address Islam, traditional African faiths, and Afro-Caribbean religions.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3830. The Old South. 3-0-3 Units.
Explores the life and events in the American South from the colonial period to the end of the Civil War.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3835. The New South. 3-0-3 Units.
Encompasses the study of the life and events of the American South from the end of the Civil War to the present.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3840. African-American Hist to 1877. 3-0-3 Units.
Explores the African-American history from its beginnings through emancipation and Reconstruction by analyzing the African origins of black Americans, the middle passage, the development of plantation slavery, and the many historical changes that shaped African-American life and culture thereafter.
Prerequisites: HIST 2111 and HIST 3000.
HIST 3845. African-Amer Hist since 1877. 3-0-3 Units. Examines the African-American experience from a multidisciplinary perspective from 1877 to the present, focusing on the ways in which African Americans made the transition from slavery to freedom and how the American social, economic, and political landscape was dramatically altered as the antebellum plantation system came to an end and African Americans strove to gain and protect their civil rights. Prerequisites: HIST 2112 and HIST 3000.

HIST 3850. U.S. Women's History to 1877. 3-0-3 Units. Surveys the experiences of women in the U.S. from the arrival of the Europeans on the continent through the Reconstruction era. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States. Prerequisites: HIST 2111 and HIST 3000.

HIST 3855. U.S. Women's Hist since 1877. 3-0-3 Units. Surveys the experiences of women in the U.S. from the post-Reconstruction era to the present. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States. Prerequisites: HIST 2112 and HIST 3000.

HIST 3930. History of Georgia. 3-0-3 Units. Examines the history of the state from settlement to the present. Major themes include race, class, and modernization in the development of Georgia. Emphasis will be placed on the cultural, ethnic, and regional diversity of the state. Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 3940. Special Topics World History. 3-0-3 Units. Focuses on a special topic not otherwise offered in the world history curriculum. Topics, methodology, and instructors vary from semester to semester. Representative topics might include 'Society and Culture in the Age of Reformation,' 'Society and Culture in the Medieval European City,' 'Medicine and Disease in Early Europe,' and 'Imperialism and Anti-Imperialism in Modern Europe.' This course may be repeated for up to six hours of credit when topics vary. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3960. Special Topics in US History. 3-0-3 Units. Focuses on a special topic not otherwise offered in the United States history curriculum. Topics, methodology, and instructors vary from semester to semester. Representative topics might include 'U.S. Foreign Policy since 1890,' 'World War II,' 'Women in the Appalachian South,' and 'The Cold War.' This course may be repeated for up to six hours of credit when topics vary. Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 4000. History Internship. 3-0-3 Units. Provides experience in applying history in a previously approved museum, historical society, archive, center, organization, or government setting. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Credit will be applied toward upper-level American history or World history requirements depending on nature of the appointment. Graded on a satisfactory/unsatisfactory basis. Repeatable for a maximum of 6 credit hours. Prerequisites: 30 semester hours and permission of instructor.

HIST 4900. Senior Sem in Non-Western Hist. 3-0-3 Units. Requires students to construct a detailed analysis of a specific problem, theme, or topic in non-Western history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources. Prerequisites: HIST 3100 or HIST 3150 or HIST 3230 or HIST 3510, 30 hours of Upper Level History courses.

HIST 4901. Methods/Strategies Sec Soc Sci. 3-0-3 Units. Provides secondary teacher candidates with strategies and techniques to become reflective decision-makers. Focuses on active learning through the design of quality assessment and instruction, using appropriate performance based teaching methods. Prerequisites: Completion of EDUC 3902 and EDUC 3272 with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 3273.

HIST 4910. Senior Sem in Chinese History. 3-0-3 Units. Requires students to construct a detailed analysis of a specific problem, theme, or topic in Chinese history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources. Prerequisites: HIST 3200 and HIST 3210, 30 hours of Upper Level History courses.

HIST 4920. Senior Sem in European History. 3-0-3 Units. Requires students to construct a detailed analysis of a specific problem, theme, or topic in European history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources. Prerequisites: HIST 3310 or HIST 3320 or HIST 3340 or HIST 3460 or HIST 3480 or HIST 3490 or HIST 3520, 30 hours of Upper Level History courses.

HIST 4930. Senior Sem in American History. 3-0-3 Units. Requires students to construct a detailed analysis of a specific problem, theme, or topic in American history. Instruction will include coverage of historical research methods, and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources. Prerequisites: 30 hours of upper-level history courses; also HIST 3710 or HIST 3720 or HIST 3730 or HIST 3740 or HIST 3750 or HIST 3760 or HIST 3770 or HIST 3780 or HIST 3830 or HIST 3840 or HIST 3850 or HIST 3930.

Human Resource Management

The Human Resource Management Minor prepares business majors to successfully recruit, select, train, and develop effective and efficient workforce talent. Students learn to manage diversity in the workforce and to develop talents of all staff and team members. Additional skills in leadership, negotiations, and managing global teams prepare students for careers as a Human Resource Manager, Talent Acquisition Specialist, Corporate Recruiter, Compensation Analyst, or Benefits Administrator.

MINOR

A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward
completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

Required Courses**:
- MNGT 4053 Human Resource Management 3
- MNGT 4253 Staffing & Talent Development 3

Elective Courses*:
Select three electives chosen in consultation with upper division management faculty advisor:
- BUSA 3360 Business Negotiation Skills
- ECON 3109 Managerial Economics
- MNGT 4602 Leadership
- MNGT 4612 Managing Effective Teams
- PSYC 3370 Indust/Organizational Psych

* Grade of C or higher required.

Total Hours: 15

Latina/o and Latin American Studies

MINOR
A minor in Latina/o and Latin American Studies includes 15 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward the minor, but courses taken in Core Area F may be used to fulfill minor requirements. Upper-level courses that are used to satisfy requirements for a major may not be applied to the minor.

Required:
- HUMN 3001 Migration the US Latina/o Expe 3

Choose 0 to 6 hours of the following 0-6
- SPAN 1002 Elementary Spanish II
- SPAN 1003 Accelerated Elementary Spanish
- SPAN 2001 Intermediate Spanish I
- SPAN 2002 Intermediate Spanish II
- SPAN 2034 Spanish for Criminal Justice

Choose 6 to 12 hours from the following Upper-Level Courses: 6-12
- ENGL 3210 Multi-ethnic American Lit
- ENGL 3340 Hispanic Lit in Translation *
- ENGL 3350 Latino/a Literature in English *
- GEOG 3320 The African Americas
- HIST 3110 Colonial Latin America **
- HIST 3120 Modern Latin America **
- HIST 3160 The African Diaspora **
- INTS 4900 SP. Latina/o, Latin Amer Stds
- SOCI 3100 Sociology Latino Family/Cultur
- SPAN 3001 Adv Conversation/Composition
- SPAN 3002 Literary/Nonliterary Texts

* Grade of C or higher required.

Total Hours: 15

International Business

The International Business Minor prepares business majors to work effectively with global executives throughout the world. Today all business has global implications. Students are strongly encouraged to select a short-term study abroad experience as one of their classes within the minor, which will provide first-hand knowledge of living and working abroad. Consider adding a foreign language to the minor to prepare for expatriate assignments, for careers as a Foreign Policy Advisor, Global Product Manager, Global Account Manager, International Market Coordinator, International Sales Director, or International Trade Assistant.

MINOR
A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

Required Courses*:
- BUSA 3351 International Business 3
- ECON 3110 International Trade 3

Elective Courses*:
Select three electives, one must be Upper Division: 9
- BUSA 4851 Spec Topics International Bus
- COMM 4425 Intercultural Communication
- MNGT 4612 Managing Effective Teams
- FREN 1001 Elementary French I
- FREN 1002 Elementary French II
- GRMN 1001 Elementary German I
- GRMN 1002 Elementary German II
- POLS 2401 International Relations
- SPAN 1001 Elementary Spanish I
- SPAN 1002 Elementary Spanish II

* Grade of C or higher required.

Total Hours: 15

Management for Non-Business Majors

The Management Minor for Non-Business Majors educates students from any chosen discipline on the global business environment, while...
some business courses available as electives may require prerequisites beyond what a student is required to take for the minor. Students choosing this minor are encouraged to meet with the WSOB academic advisor prior to course selection and registration. Contact our WSOB Professional Advisor at bizadvisor@daltonstate.edu.

Minor
A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through F may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

Required Courses*:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSA 2106</td>
<td>The Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MNGT 3051</td>
<td>Principles of Management (Requires ECON 2105 and junior standing)</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses*:
Select three MNGT courses the student is qualified to take

* Grade of a C or higher required.

Courses

MNGT 3051. Principles of Management. 3-0-3 Units.
Introduces the basic concepts and processes of management including the study of the legal, social, and political environment with an emphasis on the behavioral perspectives in organizations. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and ECON 2105 with a 'C' or better.

MNGT 4053. Human Resource Management. 3-0-3 Units.
Presents theory and policy to perform the human resource function in modern organizations. Topics include EEO law and regulations, selection, recruitment, performance appraisal, compensation, training, and labor relations. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4253. Staffing & Talent Development. 3-0-3 Units.
Staffing & Talent Acquisition will explain the process by which organizations forecast employment needs, recruit potential employees, select high potential candidates from applicant pools, assess job performance levels, give feedback, train and develop existing employees, and deal with voluntary and involuntary turnover. Students will complete semester-long projects that include various technologies and tools used by HR professionals in the staffing process. Students will also be expected to synthesize, evaluate, and suggest improvements for activities/projects completed during the course. (As Needed)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4380. Project Management. 3-0-3 Units.
Covers the fundamental concepts and applied techniques for organizing, planning, and controlling projects. Topics are divided in two categories: behavioral and technical. Behavioral aspects include organizational structure, organizational culture, leadership, teams, and negotiation. Technical aspects include project selection, estimating times/costs, WBS, network computation, PERT/CPM, resource allocation, time reduction, and progress/performance control. Computer software (Excel and MS Project) is introduced to provide hands-on practical training on technical skills. Examples are drawn from a variety of industries including construction and information systems. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a 'C' or better.

MNGT 4501. Entrepreneurship. 3-0-3 Units.
Explores the increasing importance of entrepreneurial activity and the steps necessary in starting a new business venture. Topics include the entrepreneurial personality; recognizing and testing business opportunities; developing the business concept; analyzing risk; and financing the new venture. Students design and present a business plan for a new venture. (F (Evening), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010 and FINC 3056, all with a 'C' or better.

MNGT 4602. Leadership. 3-0-3 Units.
Focuses on managerial leadership through a broad survey of theory, research and practice of leadership in formal organizations. The topic of leadership effectiveness is at the core of this class. (F (Evening), S (Day))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4605. Organizational Effectiveness. 3-0-3 Units.
Investigates formal organizations as social instruments and the means by which such organizations can become more effective. Topics include organization structure, the effects of structure, organizational growth, and the effects of environment and technology on organizational processes. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

MNGT 4612. Managing Effective Teams. 3-0-3 Units.
Covers the fundamental concepts and applied techniques for organizing, planning, and controlling projects. Topics are divided in two categories: behavioral and technical. Behavioral aspects include organizational structure, organizational culture, leadership, teams, and negotiation. Technical aspects include project selection, estimating times/costs, WBS, network computation, PERT/CPM, resource allocation, time reduction, and progress/performance control. Computer software (Excel and MS Project) is introduced to provide hands-on practical training on technical skills. Examples are drawn from a variety of industries including construction and information systems. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a 'C' or better.

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Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a 'C' or better.

MNGT 4605. Organizational Effectiveness. 3-0-3 Units.
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Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.

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Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a 'C' or better.

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Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a 'C' or better.

MNGT 4700. Independent Study Management. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Management in conjunction with an associated major project. Student will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a 'C' or better.
**MNGT 4701. Strategic Management. 3-0-3 Units.**
Represented as the capstone course in business. Presents theory and practice of strategic decision making within organizations in a case method format. Topics include environmental analysis, organizational direction, strategy formulation and implementation, strategic control, strategic management theory, research and concepts, environmental influences on business, and secondary research methodology. Students will be required to prepare and deliver an oral team analysis of a publicly-traded company, its industry, and its strategy. Must be taken at DSC in the student’s final semester. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010, FINC 3056, LSCM 3251, BUSA 3701, all with a ‘C’ or better.

**MNGT 4800. Special Topics in Management. 3-0-3 Units.**
Examines current, relevant topics in the field of management. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

**MNGT 4900. Management Internship. 0-0-3-12 Units.**
Provides students with on-site work experience in Management through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Management Systems internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MNGT 3051 (Grade of ‘B or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

## Marketing for Non-Business Majors

The Marketing Minor for Non-Business Majors introduces students to marketing principles and practices within the business environment. Students of any major will learn the basics of marketing channels, factors influencing consumer’s choice of products and services, and understanding retail marketing and professional selling. Minors will have knowledge of customers, products, pricing, promotions, and distribution as they master marketing principles and the latest social media marketing.

Some business courses available as electives may require prerequisites beyond what a student is required to take for the minor. Students choosing this minor are encouraged to meet with the WSOB academic advisor prior to course selection and registration. Contact our WSOB Professional Advisor at: bizadvisor@daltonstate.edu.

## Minor

A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

### Required Courses*:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSA 2106</td>
<td>The Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MARK 3010</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

### Elective Courses*:

Select four MARK courses the student is qualified to take

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARK 3010</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

* Grade of C or higher required.

### Total Hours: 18

## Courses

**MARK 3010. Principles of Marketing. 3-0-3 Units.**
Provides a general survey of the field of marketing covering marketing channels, functions, methods and institutions. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2106 with a ‘C’ or better.

**MARK 3011. Consumer Behavior. 3-0-3 Units.**
Examines the fundamental activities and motives impacting consumer choice, use and disposal of products. Emphasis on end users rather than business customers. Topics include internal and external factors that influence consumer choice, marketing strategies that influence consumer choice, group dynamics and the organizational buying process, and global consumption trends. (F (Day & Evening))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

**MARK 3233. Retail Marketing. 3-0-3 Units.**
Explores store location, layout, organizational aspects, credit policies and control systems as they apply to retail operations. Investigates the application of these topics as they relate to online marketing strategies and tactics will be investigated as well. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

**MARK 3455. Professional Selling. 3-0-3 Units.**
Examination of the complex process involving buyers and sellers of products and services. Concentration on developing the sales skills required for creating effective exchanges and managing long-term relationships. (M (Online))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

**MARK 3517. Services Marketing. 3-0-3 Units.**
Emphasizes the unique differences in the marketing of services including the development and implementation of marketing strategies. Topics include consumer behavior in services marketing, the gaps model of service quality, the marketing mix for services, and demand and capacity management. (As Needed)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

**MARK 3570. Integrated Brand Promotion. 3-0-3 Units.**
Focuses on understanding the role of the promotional element of the marketing mix. Topics include the various promotional tools, advertising strategy, creative strategy, the pros and cons of various media options, regulatory constraints and global considerations affecting a firm’s effort toward effective marketing communication. (F (Day)) with a ‘C’ or better.
Prerequisites: Upper Division Eligibility and MARK 3010.

**MARK 4121. Marketing Research & Analysis. 3-0-3 Units.**
Focuses on the systematic approach to the application of research techniques and procedures for assessing markets. Topics include research design, questionnaire construction, data sources and collection, data analysis, data interpretation and reporting. (F (Day))
Prerequisites: Upper Division Eligibility, BUSA 2850, BUSA 3050, or MATH 2200 and MARK 3010, all with a ‘C’ or better.
MARK 4433. Social Media Marketing. 3-0-3 Units.
This course examines the changing role of social media in the promotional marketing mix, the role of the consumer in social media, online communities and how social media is impacting both marketing and consumer lifestyles. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4480. Sports Marketing. 3-0-3 Units.
This course applies the theoretical foundations of marketing to the sports industry by investigating principles and processes in sports marketing and sales. The foci are on research and development, sport promotion, sport sponsorship, advertising, merchandising, distribution of sports goods, and career opportunities in the field of sports marketing. (F (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4700. Independent Study Marketing. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in marketing in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better and an additional MARK course with a ‘C’ or better.

MARK 4701. Marketing Strategy. 3-0-3 Units.
Integrates marketing principles in the context of the decision making exercises related to customers, products, pricing, promotions, distribution and the laws regarding each of these topics. (S (Day))
Prerequisites: Upper Division Eligibility, MARK 3010 with a ‘C’ or better and an additional MARK course with a ‘C’ or better.

MARK 4800. Special Topics in Marketing. 3-0-3 Units.
Examines current, relevant topics in the field of marketing. Each special topics course will cover a new topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4900. Marketing Internships. 0-0-3-6 Units.
Provides students with on-site work experience in Marketing through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Marketing internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MARK 3010 (Grade ‘B’ or Better), plus an additional 3 credit hours of upper division MARK, and 3 credit hours of any upper division business course all with a ‘C’ or better.

Mathematics

Minor
A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in Mathematics must include 15 credit hours of mathematics coursework, with at least 9 hours at the 3000-level or above.

Two degree-level MATH courses (except 3703, 3803, or 4713) 6
Three of the following Upper Electives: 9
MATH 3101 Intro to Advanced Mathematics

Courses

MARK 0996. Support for Elem Statistics. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1401 – Elementary Statistics. Topics will parallel topics being studied in MATH 1401 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1401. Taken with MATH 1401, this course provides an introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Emphasis is on the mathematical foundations for statistics.

MATH 0997. Support Quantitative Skill/Rea. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1001 – Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data. (F, S)
Corequisites: MATH 1001 Quantitative Reasoning.

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MATH 3201</td>
<td>Geometry</td>
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<td>MATH 3301</td>
<td>Combinatorics</td>
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<tr>
<td>MATH 3401</td>
<td>Linear Algebra</td>
<td></td>
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<tr>
<td>MATH 4101</td>
<td>Abstract Algebra I</td>
<td></td>
</tr>
<tr>
<td>MATH 4102</td>
<td>Abstract Algebra II</td>
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<td>MATH 4201</td>
<td>Number Theory</td>
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<td>MATH 4301</td>
<td>Graph Theory</td>
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<td>MATH 4401</td>
<td>Operations Research</td>
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<td>MATH 4502</td>
<td>Statistics for Process Control</td>
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<tr>
<td>MATH 4511</td>
<td>Numerical Analysis I</td>
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<td>MATH 4512</td>
<td>Numerical Analysis II</td>
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<td>MATH 4602</td>
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<td>MATH 4611</td>
<td>Complex Analysis</td>
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<td>MATH 4701</td>
<td>Probability and Statistics I</td>
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<td>MATH 4702</td>
<td>Probability and Statistics II</td>
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<td>MATH 4800</td>
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<tr>
<td>MATH 4900</td>
<td>Special Topics in Mathematics *</td>
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<tr>
<td>MATH 4960</td>
<td>Research in Mathematics **</td>
<td></td>
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</tbody>
</table>

Total Hours 15

* MATH 4900 (Special Topics in Math) can be taken multiple times when topic has changed.
** MATH 4960: repeatable for maximum 3 credit hours.
MATH 0998. Support for Math Modeling. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1101 Introduction to Mathematical Modeling. Topics will parallel topics being studied in MATH 1101 and the course will provide support for essential quantitative skills needed to be successful in MATH 1101. Taken with MATH 1101, this course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Corequisites: MATH 1101 Introduction to Mathematical Modeling.

MATH 0999. Support for College Algebra. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1111 College Algebra. Topics will parallel topics being studied in MATH 1111 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. (F,S,M) MATH 1111 College Algebra.

MATH 1001. Quantitative Skills/Reasoning. 3-0-3 Units.
This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequences for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. (F,S)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

MATH 1101. Intro to Mathematical Modeling. 3-0-3 Units.
This course is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequence for mathematics and science majors. This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of linear, polynomial, exponential, and logarithmic functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

MATH 1104. Applied Mathematics. 3-0-3 Units.
Topics include arithmetic, elementary algebra, geometry, measurement, and elementary trigonometry. (Career Course) (F,S,M)
Prerequisites: MATH 0090 unless exempt for learning support mathematics.

MATH 1111. College Algebra. 3-0-3 Units.
Prepares students for precalculus, college algebra, and college-level mathematics for students enrolled in MATH 1111 College Algebra. Includes topics in algebra, including the number system, polynomials, algebraic functions, exponents, radicals, linear and quadratic equations, inequalities, lines in the plane, linear modeling, conics, algebra of functions, exponential and logarithmic functions and systems of equations and inequalities. (F,S,M)
Prerequisites: MATH 0998 and MATH 1101 if not eligible for MATH 0999.
Corequisites: MATH 0999 unless exempt from learning support.

MATH 1113. Precalculus Mathematics. 3-0-3 Units.
Provides immediate transition from high school algebra into calculus and physics. Material goes beyond that normally covered in Mathematics 1111. Algebra topics include linear, quadratic equations, functions and graphing, exponential and logarithmic functions. Trigonometry topics include trigonometric functions and inverse, law of sines, law of cosines and identities. For students planning to take calculus and/or physics. (F,S,M)
Prerequisites: MATH 1111.

MATH 1401. Elementary Statistics. 3-0-3 Units.
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Prerequisites: MATH 1001, MATH 1101, or MATH 1111.

MATH 1501. Calculus I. 4-0-4 Units.
This course includes material on functions, limits, continuity, the derivative, anti-differentiation, the definite integral, and techniques of integration. Prerequisites: MATH 1113.

MATH 2181. Applied Calculus. 3-0-3 Units.
Surveys differential and integral calculus of polynomial, rational, exponential and logarithmic functions. Detailed applications to problems and concepts from business, economics and life science are covered. (F,S,M)
Prerequisites: MATH 1111, MATH 1101, or MATH 1113 with a grade of C or better.

MATH 2253. Calculus and Analytic Geom I. 4-0-4 Units.
Involves limits and continuity, derivatives and their applications and an introduction to the concept of the integral. The first in a four course sequence in Calculus. Prerequisite: MATH 1113 or satisfactory mathematics scores of SAT 600/ACT 26 and one year of high school trigonometry. (F,S,M)
Prerequisites: MATH 1113.

MATH 2254. Calculus and Analytic Geom II. 4-0-4 Units.
Includes topics limits and continuity, derivatives and their applications and an introduction to the concept of the integral. The first in a four course sequence in Calculus. Prerequisite: MATH 1113 or satisfactory mathematics scores of SAT 600/ACT 26 and one year of high school trigonometry. (F,S,M)
Prerequisites: MATH 1113.
MATH 2255. Calculus and Analytic Geom III. 4-0-4 Units.
Emphasizes calculus in three dimensions. Topics include vectors, parametric equations, partial derivatives, multiple integrals and their applications and topics in vector calculus. The third course in the Calculus sequence. (F, S, M)
Prerequisites: MATH 2254.

MATH 2256. Introduction to Linear Algebra. 3-0-3 Units.
Introduces low-dimensional linear algebra through eigenvalues and eigenvectors. Applications to linear systems, least-square problems, and the calculus, including elementary differential equations. (F, S, M)
Prerequisites: MATH 2253.
Corequisites: MATH 2254.

MATH 2403. Differential Equations. 3-2-4 Units.
A study of differential equations, including first and higher order equations, linear and nonlinear systems of equations, numerical methods to approximate solutions, using Laplace transforms to determine solutions, and methods that yield infinite series solutions. (F, S, M)
Prerequisites: MATH 2254 and Co-requisite: MATH 2256.

MATH 2602. Linear & Discrete Mathematics. 3-2-4 Units.
Explores topics in linear algebra, induction, combinatorics, difference equations, and multivariate optimization with an emphasis on discrete and recursive methods. (F)
Prerequisites: MATH 2255.

MATH 2770. Statistics and Applications. 3-0-3 Units.
Introduces the student to topics in probability, probability distributions, point estimation, confidence intervals hypothesis testing, linear regression and analysis of variance. (F, S, M)
Prerequisites: MATH 2255.

MATH 3050. Biological Statistics. 3-0-3 Units.
Advanced concepts in statistics are introduced. Topics include experimental design, hypothesis testing, t-test, z-test, chi-squared test, regression, ANOVA, and non-parametric methods. (F)
Prerequisites: MATH 2250 or 1401.

MATH 3101. Intro to Advanced Mathematics. 3-0-3 Units.
Preparation in mathematical reasoning and proof-writing necessary for upper division course work in mathematics. Topics include logic, integers and induction, sets and relations, equivalence relations and partitions, and functions. (S)
Prerequisites: MATH 2254.

MATH 3201. Geometry. 3-0-3 Units.
An introduction to Euclidean and non-Euclidean geometries developed with the study of constructions, transformations, applications, and the rigorous proving of theorems. (F)
Prerequisites: MATH 3101.

MATH 3301. Combinatorics. 3-0-3 Units.
Basic counting principles: permutations, combinations, probability, occupancy problems, and binomial coefficients. More sophisticated methods include generating functions, recurrence relations, inclusion/exclusion principles, and the pigeonhole principle. Additional topics include asymptotic enumeration, Polya counting theory, combinatorial designs, coding theory, and combinatorial optimization. (Spring Odd Years)
Prerequisites: MATH 2254.

MATH 3401. Linear Algebra. 3-0-3 Units.
Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality. (Spring Even Years)
Prerequisites: MATH 2256.

MATH 3402. Linear Algebra. 3-0-3 Units.
Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality. (Spring Even Years)
Prerequisites: MATH 2256.

MATH 3500. Operations Research. 3-0-3 Units.
Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming. (S)
Prerequisites: MATH 2256.

MATH 3703. Geometry for P-8 Teachers. 3-0-3 Units.
Continues MATH 2008, with emphasis for teachers of grades P-8. Logic; real numbers; basic and transformational geometry; measurement, including the metric system; problem solving; methods and materials for teaching mathematics at the P-8 level. (S, M)
Prerequisites: MATH 2008.

MATH 3803. Algebra for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on understanding of the fundamental concepts of algebra with particular attention to specific methods and materials of instruction. (F, S)
Prerequisites: MATH 2008.

MATH 3900. Special Topics in Mathematics. 0-0-1-3 Units.
Variable 1-3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. Course may be repeated for credit when topic differs. Pre-requisite: MATH 2253 Calculus and Analytic Geometry I and Permission of Instructor. (Offered As Needed).

MATH 4001. History of Mathematics. 3-0-3 Units.
Examines major developments, central themes, and important issues in mathematics throughout history. Undertakes an overview of the historical development of the discipline by focusing on specific theories, problems, and results. (F)
Prerequisites: MATH 2254.

MATH 4101. Abstract Algebra I. 3-0-3 Units.
An axiomatic approach to algebraic structures. Topics include groups, permutations, homomorphisms, and factor groups. (F)
Prerequisites: MATH 3101.

MATH 4102. Abstract Algebra II. 3-0-3 Units.
Examines the central concepts of ring theory and field theory. Topics include modules, Galois theory, integral domains, and advanced linear algebra. Strongly recommended for students intending to complete a graduate degree in mathematics. (S)
Prerequisites: MATH 4101.

MATH 4201. Number Theory. 3-0-3 Units.
A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, and continued fractions. (S)
Prerequisites: MATH 3101.

MATH 4301. Graph Theory. 3-0-3 Units.
Elementary theory of graphs and digraphs. Topics include connectivity, reconstructions, trees, Euler’s problem, hamiltonicity, network flows, planarity, node and edge colorings, tournaments, matchings, and extremal graphs. A number of algorithms and applications are included. (F)
Prerequisites: MATH 3101.

MATH 4401. Operations Research. 3-0-3 Units.
Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming. (S)
Prerequisites: MATH 2256.

MATH 4502. Statistics for Process Control. 3-0-3 Units.
Introduces application techniques used in quality/process control with particular application to area industries. Topics include probability, sampling distributions, control charts for variables and attributes, lot-by-lot sampling plans, acceptance sampling for variables, elementary reliability calculations, and an introduction to the concept of quality costs. (Spring Even Years As Needed)
Prerequisites: MATH 2181 or MATH 2253 and MATH 1401 or MATH 2200 or MATH 4701 or BUSA 2850.
MATH 4511. Numerical Analysis I. 3-0-3 Units.
Prerequisites: CMPS 1301 or CMPS 1371.

MATH 4512. Numerical Analysis II. 3-0-3 Units.
Numerical solutions of systems of linear equations, numerical computations of eigenvalues and eigenvectors, error analysis. Written programs using the algorithms. (S) Prerequisites: MATH 2256 and CMPS 1301 or CMPS 1371.

MATH 4601. Real Analysis I. 3-2-4 Units.
Develops a rigorous approach to functions of a real variable. Topics include limits, continuous functions, differentiation, and Riemann integration. (F) Prerequisites: MATH 2255 and MATH 3101.

MATH 4602. Real Analysis II. 3-0-3 Units.
Continuous and rigorous approach to functions with an emphasis on functions in higher dimensions, including derivatives and integrals in n-dimensional Euclidean space. (S) Prerequisites: MATH 4601.

MATH 4611. Complex Analysis. 3-0-3 Units.
Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping. (Summer) Prerequisites: MATH 2255.

MATH 4701. Probability and Statistics I. 3-0-3 Units.
Sampling distributions, Normal, t, chi-square and F distributions. Moment generating function methods, Bayesian estimation and introduction to hypothesis testing. (F) Prerequisites: MATH 2255.

MATH 4702. Probability and Statistics II. 3-0-3 Units.
Hypothesis testing, likelihood ratio tests, nonparametric tests, bivariate and multivariate normal distributions. (S) Prerequisites: MATH 4701.

MATH 4713. Prob & Stat for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on the fundamental concepts of probability and statistics with particular attention to specific methods and materials of instruction. (F) Prerequisites: MATH 2258.

MATH 4800. Topology. 3-0-3 Units.
This course develops the concepts of open and closed sets, topological spaces, bases, subspaces, continuous functions, homeomorphisms, connected spaces and compact spaces. (F) Prerequisites: MATH 3101.

MATH 4850. Mathematical Finance. 3-0-3 Units.
Introduces finance concepts from a mathematical perspective. Topics include the theory of pricing derivatives, the Black-Scholes model for pricing options, portfolio optimization, and capital asset pricing models. Prerequisites: MATH 2770 or MATH 4701 with a grade of C or better on either math course.

MATH 4860. Internship In Mathematics. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (F,S,M) Prerequisites: Permission of department chair.

MATH 4900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. The course may be repeated for credit when topic differs. Pre-requisite: MATH 3101 Intro to Advanced Mathematics and 2 additional upper level Mathematics courses excluding MATH 3703, 3803, and 4713. Approval of the Instructor is required before registration. (As Available)

MATH 4960. Research in Mathematics. 0-0-1-3 Unit.
Students will select a research topic, complete a written research proposal, and in association with a faculty mentor, execute the research plan. This course affords interested junior and senior students an opportunity to participate in a basic research experience with a member of the department faculty. The student will prepare both written and oral presentations of the work, and where appropriate, will be encouraged to make presentations at professional meetings or submit work to a journal for publication. (Dept. Chair Approval) (F,S,M as available) Prerequisites: Permission of the faculty mentor.

**Psychology Minor**

A minor may consist of 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in Psychology must include 15 credit hours of psychology coursework, with at least 9 hours at the 3000-level or above.

One to two of the following electives: 3-6

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<tr>
<td>PSYC 2010</td>
<td>Psychological Studies</td>
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<tr>
<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<tr>
<td>PSYC 2103</td>
<td>Human Development</td>
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Three to four of the following Upper Electives: 9-12

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<td>PSYC 3150</td>
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<tr>
<td>PSYC 3160</td>
<td>Research Design &amp; Analysis II</td>
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<tr>
<td>PSYC 3200</td>
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<td>PSYC 3250</td>
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<td>PSYC 3450</td>
<td>Cross-Cultural Psychology</td>
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<td>Adolescent Psychology</td>
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<td>Forensic Psychology</td>
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<td>PSYC 3940</td>
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<tr>
<td>PSYC 4400</td>
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PSYC 4600  Brain and Behavior
PSYC 4650  Comparative Psychology
PSYC 4700  Tests and Measurements
PSYC 4825  History & Systems in Psych
PSYC 4850  Special Topics in Psychology

Total Hours  15

* Students who took PSYC 2250 Abnormal Psychology under a previous catalog cannot also take PSYC 3200 Abnormal Psychology. PSYC 3200 has replaced PSYC 2250.

Courses

PSYC 1101. Introduction to Psychology. 3-0-3 Units.
Introduces the study of psychology as a quantitative science and as an aid to the understanding of self and others. Includes consideration of learning principles, personality, conflict and adjustment, tests and measurements, biological bases of behavior, and group phenomena. Prerequisites: ENGL 0999 unless exempt.

PSYC 1101H. Honors Introductory Psychology. 3-0-3 Units.

PSYC 2000. Careers in Psychology. 3-0-3 Units.
Examines career opportunities for psychology majors at the baccalaureate and graduate levels. Topics include an examination of the Psychology major, preparation for employment with a bachelor's degree, course preparation for graduate school, and preparation for the GRE Advanced test in Psychology. There is a substantial writing component to this class. Prerequisites: PSYC 1101 and ENGL 1101 and declared psychology major or psychology minor or permission of instructor, all prerequisites require a C or better.

PSYC 2100. Psychological Studies. 3-0-3 Units.
Explores the roles of oral and written communication in psychology. Emphasis will be placed on examining the literature of specialized areas of psychology and writing papers in APA style as well as oral presentation of research literature in psychology. Prerequisites: PSYC 1101 and ENGL 1101 and declared psychology major or psychology minor or permission of instructor; all prerequisites require a C or better.

PSYC 2101. Psychology of Adjustment. 3-0-3 Units.
Surveys the dynamics of both normal and non-integrative adjustment. Includes a study of conflicts, fears, anxiety, and frustration with emphasis on mental hygiene, building emotional stability, and preventing mental illness. Prerequisites: PSYC 1101; all prerequisites require a C or better.

PSYC 2103. Human Development. 3-0-3 Units.
Surveys human development from conception to death. Emphasizes physical, social, emotional, cognitive, and moral development expectations. Major theoretical and research contributions are also considered. Prerequisites: PSYC 1101; all prerequisites require a C or better.

PSYC 3110. Research Design in Psychology. 3-0-3 Units.
Examines the methods used in psychological research, including experimental, quasi-experimental, observation and survey methods. An emphasis will be made on the causative nature of experimental research and the correlational nature of non-experimental methodologies. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed. Prerequisites: PSYC 2010; all prerequisites require a C or better.

PSYC 3120. Research Analysis in Psych. 3-0-3 Units.
Introduces descriptive and inferential statistics as applied to psychological data. Topics include measures of central tendency and variability, correlation, regression, confidence intervals, the F-test for one way factorial designs and Chi Square. Online data sets and lab experiences will be part of the class. Prerequisites: PSYC 3110; all prerequisites require a C or better.

PSYC 3150. Research Design and Analysis I. 3-0-3 Units.
This is the first course in a 2-course sequence that examines the methods and statistical techniques used in psychological research, including experimental, quasi-experimental, observation and survey methods. Additionally, other methods such as surveys, questionnaires, interviews, naturalistic observations, and case studies are covered. Topics will include those involving the appropriate collection of data as well as ethical considerations involved in conducting psychological research. Statistical topics covered will include measures of central tendency and variability, correlation, regression, an introduction to hypothesis testing and the t-statistic. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed. Prerequisites: PSYC 2010; all prerequisites require a C or better.

PSYC 3160. Research Design & Analysis II. 3-0-3 Units.
This is the second course in a 2-course sequence that examines the methods and statistical techniques used in psychological research, including experimental, quasi-experimental, observation and survey methods. Additionally, other methods such as surveys, questionnaires, interviews, naturalistic observations, and case studies are covered. Statistical topics covered will include factorial research designs, single-subject designs, and nonparametric statistics. Online data sets and lab experiences will be part of the class. APA writing style and presentations will be reviewed. Prerequisites: PSYC 3150; all prerequisites require a C or better.

PSYC 3200. Abnormal Psychology. 3-0-3 Units.
Examines the major psychological disorders. The defining characteristics of disorders as defined by DSM and the etiology of disorders will be considered. Prerequisites: PSYC 1101 and ENGL 1102, each require a C or better.

PSYC 3250. Psychology of Human Sexuality. 3-0-3 Units.
Examines human sexuality from the biological, social and clinical perspectives. Topics include the neuroendocrine processes involved in sexual behavior, theories of psychosexual development, sex roles and values, sexual orientation, sexual behavior over the lifespan, and social problems and issues related to sexual behavior, among others. Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3300. Health Psychology. 3-0-3 Units.
Examines the role of psychological factors in the promotion and maintenance of health. Topics include the development of acquired illness and health behaviors and the application of psychological principles to the treatment of medical problems and illness. Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3325. Social Psychology. 3-0-3 Units.
Surveys the effects of the social environment upon the thoughts, feelings, and behaviors of the individual. Discusses attitudes, influence, socialization, conformity, aggression, violence, prejudice, and discrimination. Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.
PSYC 3350. Humanistic Psychology. 3-0-3 Units.
Examines the various theories encompassing humanistic psychology and explores the primary themes of humanistic psychology, including personal experience, the self, the potential for growth, freedom of choice and consequences of choices, personal values, and moral courage. The primary focus is on personal growth and wellness.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3370. Indust/Organizational Psych. 3-0-3 Units.
Examines the application of psychological principles, concepts, theory, and research to the work setting. Emphasis will be placed on the individual in the work environment and the processes required for organizational effectiveness. (Offered occasionally)
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3450. Cross-Cultural Psychology. 3-0-3 Units.
Examines psychological principles from a global cultural perspective. A variety of classic psychological issues, such as development, perception, personality, emotion and language will be presented in the context of differing cultural orientations of people of the world. Intercultural interactions and communication in the workplace and school will be considered.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3500. Personality. 3-0-3 Units.
Examines the classic and current theories of personality that reflect the primary perspectives in psychology. The psychodynamic (and derivatives), behavioral, humanistic and existentialist, cognitive and biological perspectives will be presented.
Prerequisites: PSYC 2010 and PSYC 2103; all prerequisites require a C or better.

PSYC 3600. Motivation. 3-0-3 Units.
Examines current theoretical formulations and research in motivation with an emphasis on real-world applications.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3710. Child Psychology. 3-0-3 Units.
Examines theories and research on physical, cognitive, personality, and social development in infancy and childhood. This course emphasizes normal development but also includes aspects of childhood psychopathology.
Prerequisites: PSYC 2103 and ENGL 1102; all prerequisites require a C or better.

PSYC 3720. Adolescent Psychology. 3-0-3 Units.
Examines theories and research on physical, cognitive, personality, and social development in adolescence. This course emphasizes normal development but also includes aspects of adolescent psychopathology.
Prerequisites: PSYC 2103 and ENGL 1102; all prerequisites require a C or better.

PSYC 3800. Industrial/Organizational PSYC. 3-0-3 Units.
Theory and application of psychological principles to industrial and organizational settings. Offered online as an eMajor course.
Prerequisites: PSYC 1101.

PSYC 3850. Forensic Psychology. 3-0-3 Units.
Examines the relationship between psychology and law, focusing on the roles of psychologists in legal settings. Focuses on the applicability of various psychological theories to criminal justice processes. Topics include competence evaluations, rehabilitation potential, accuracy of eyewitness testimony, the psychology of jury selection, bystander apathy, the insanity defense, and the effectiveness of the polygraph, among others.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3940. Learning and Behavior. 3-0-3 Units.
Examines the various learning mechanisms that are involved in the establishment, maintenance and the reduction of behaviors. Topics include Pavlovian conditioning, operant conditioning, and observational learning in humans and animals. Online lab experiences will be part of the class.
Prerequisites: PSYC 2010 and 2103; all prerequisites require a C or better.

PSYC 3950. Cognitive Psychology. 3-0-3 Units.
Examines mental processes such as attention, mental representation, categorization, problem solving, pattern recognition, imagery, and short-term and long-term memory. Online lab experiences will be part of the class.
Prerequisites: PSYC 2010 and 2103; all prerequisites require a C or better.

PSYC 4250. Sensation and Perception. 3-0-3 Units.
Examines the various models of psychophysiological models of sensation and perception. Topics include the five primary sensory systems and the physical properties of stimuli. The processing of stimuli at the physiological and perceptual levels will be examined.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4300. Applied Behavior Analysis. 3-0-3 Units.
Examines the principles that underlie behavior modification and behavior therapy. Includes the application of learning principles and procedures used to modify complex human behavior in the natural environment and in clinical situations. Ethical issues concerning behavior modification will be considered.
Prerequisites: PSYC 3150 or PSYC 3110, and PSYC 3200 and PSYC 3940; all prerequisites require a C or better.

PSYC 4400. Clinical/Counseling Psychology. 3-0-3 Units.
Introduces contemporary counseling and clinical psychology practice and treatment methods. Both historical and current theories and treatment models will be examined. Topics include research design, diagnosis and treatment methods, psychotherapeutic techniques, effectiveness of treatment and training for clinical and counseling professions.
Prerequisites: PSYC 3150 or PSYC 3110, and PSYC 3200; all prerequisites require a C or better.

PSYC 4500. Drugs and Behavior. 3-0-3 Units.
Examines the way in which psychoactive drugs operate in the central nervous system to impact behavior, thought and emotion. The use, misuse and abuse of the varieties of psychoactive drugs and the psychological, social and biological influence on drug use will be examined. Online lab experiences will be part of the class.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.
PSYC 4600. Brain and Behavior. 3-0-3 Units.
Examines the relationship between underlying biological, particularly brain, processes and behavior, thought and emotion. The anatomy, physiology and biochemistry of the nervous system are presented and used in an examination of basic psychological processes such as sleep, memory, stress, learning, reproductive behavior and abnormal psychology. Both animal models and human models of brain and behavior will be used. Online lab experiences will be part of the class. Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4650. Comparative Psychology. 3-0-3 Units.
Examines the methods, theories and research in animal behavior with an emphasis on underlying adaptive mechanisms and their role in understanding human behavior. Prerequisites: PSYC 3160 or PSYC 3120; all prerequisites require a C or better.

PSYC 4700. Tests and Measurements. 3-0-3 Units.
Examines the theory and practice of psychological assessment as it relates to ability, interests, achievement and traits. Topics include the principles that underlie the development, use and interpretation of psychological assessment tools. Historical and current assessment techniques will be presented. Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4825. History & Systems in Psych. 3-0-3 Units.
Examines the history of psychology from ancient to modern times. The background of formal psychology as found in philosophy and physiology, primary early systems in psychology, major historical figures and the historical and cultural context in which psychology developed will be presented. Prerequisites: PSYC 3160 or PSYC 3120; all prerequisites require a C or better.

PSYC 4850. Special Topics in Psychology. 1-0-1-3 Unit.
This course will address selected topics of special interest to faculty and students. Offered occasionally. Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 4870. Practicum in Psychology. 0-10-3 Units.
Provides advanced psychology majors the opportunity to apply psychology in supervised field experiences in organizations associated with psychology and psychological issues. Application must be made by mid-semester prior to the field experience. This class is repeatable for a maximum of 6 credit hours and is graded on a satisfactory/unsatisfactory basis. Prerequisites: PSYC 3160 or PSYC 3120, junior level status in Psychology, 3.0 GPA.

PSYC 4900. Senior Capstone Seminar/Psyc. 3-0-3 Units.
Designed to be the capstone course for psychology majors. Students will integrate their prior academic experiences in psychology into an overview of the area of study. Contemporary issues, problems, research and theories from the various areas in the psychology curriculum will be examined. Students will research and complete a project in which they integrate various aspects of their program. Prerequisites: Senior status as a Psychology major.

Rhetoric and Writing

MINOR
A minor in rhetoric and writing includes 15 semester hours of coursework, all of which consist of upper-division courses at the 3000-4000 level. Upper-level courses that are used to satisfy requirements for a major may not be applied to the minor.

Choose 15 Hours from the following Upper Level Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>ENGL 3000</td>
<td>Writing for Educ/Soc Sciences</td>
<td>3</td>
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<tr>
<td>ENGL 3005</td>
<td>Practical Grammar</td>
<td>3</td>
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<tr>
<td>ENGL 3015</td>
<td>Intro to Composition Studies</td>
<td>3</td>
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<tr>
<td>ENGL 3020</td>
<td>Advanced Composition</td>
<td>3</td>
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<tr>
<td>ENGL 3025</td>
<td>History of English Language</td>
<td>3</td>
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<tr>
<td>ENGL 3030</td>
<td>Technical Writing</td>
<td>3</td>
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<tr>
<td>ENGL 3100</td>
<td>Advanced Creative Writing</td>
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<td>ENGL 3130</td>
<td>Argumentative Writing</td>
<td>3</td>
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<td>ENGL 3405</td>
<td>Professional/Technical Writing</td>
<td>3</td>
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<tr>
<td>ENGL 3705</td>
<td>Introduction to Screenwriting</td>
<td>3</td>
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<tr>
<td>ENGL 4700</td>
<td>English Internship</td>
<td>3</td>
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<tr>
<td>ENGL 4900</td>
<td>Special Topics *</td>
<td>3</td>
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<tr>
<td>ENGL 4960</td>
<td>Research in English *</td>
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* The Special Topics, Research in English, and Internship courses will count toward the rhetoric and writing minor only if each course has a strong writing emphasis; these courses will be evaluated on a course-by-course basis.

Courses

ENGL 0999. Support for English Composit.. 3-0-3 Units.
Provides co-requisite support in reading and writing for students enrolled in ENGL 1101 – English Composition I. Topics will parallel those being studied in ENGL 1101 and will provide support for the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. Students may exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has an Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the ‘new’ SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher 6) Accuplacer reading score of 80 or higher AND Accuplacer Write Placer score of 4 or higher. 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247 AND Accuplacer WritePlacer score of 5 or higher. 8) Accuplacer Next-Generation Reading Comprehension scores of 248 or higher AND Accuplacer WritePlacer score of 4 or higher. (F, S) Co-requisite: ENGL 1101
ENGL 1101. English Composition I. 3-0-3 Units.
Focuses on skills required for effective writing in a variety of contexts, with
emphasis on exposition, analysis, and argumentation, and a variety
of research skills. A minimum grade of C is required in ENGL 1101 before
the student can take ENGL 1102. Students can exempt ENGL 0999
by satisfying any of the following criteria: 1) SAT Verbal of 430 or
better (institutional or national version) 2) SAT Verbal of 430 or
better (institutional or national version) 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer
reading score of 61 or higher AND Accuplacer Write Placer score of 6
or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer
Write Placer score of 5 or higher 6) Accuplacer reading score of 80 or
higher AND Accuplacer Write Placer score of 5 or higher 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247
AND Accuplacer Write Placer score of 5 or higher 8) Accuplacer Next-
Generation Reading Comprehension scores of 248 or higher AND
Accuplacer Write Placer score of 4 or higher. (F,S,M) Pre-requisite or co-
requisite: ENGL 0999, unless exempt

ENGL 1101H. Honors English Composition. 3-0-3 Units.

ENGL 1102. English Composition II. 3-0-3 Units.
Prerequisites: ENGL 1101 with a grade of C or better.

ENGL 1105. Intro to Greek Mythology. 1-0-1 Unit.
Provides an introduction to and overview of the major Greek myth cycles.
Students will become familiar with the major Greek gods and goddesses,
the stories connected to them, and the heroes of the great epic and
dramatic works of ancient Greece.(F,S,M)

ENGL 1110. Creative Writing. 1-0-1 Unit.
Introduces the stylistic conventions and techniques of one literary genre
(fiction, poetry, or drama) with an emphasis on those elements particular
to that genre. Also emphasizes techniques of literary invention and offers
exposure to the analysis and critique of peer and professional texts.
Special attention is given to drafting and revising original works.
Prerequisites: ENGL 1102 with a grade of C or better.

ENGL 2000. Topics in Literature & Culture. 3-0-3 Units.
Introduces students to the rich diversity of cultures and creative
earnors by exploring a variety of texts. Course topics are variable and
may include pop culture, activist movements, comic books, or video
games among many others within the realm of literature and cultural
studies. Students may also complete a variety of career-oriented projects
related to social media, digital literacy, creative writing, linguistics,
professional writing, and textual analysis. (F, S) Pre-requisite: Completion
of or exemption from ENGL 0999. Pre- or co-requisite: ENGL 1101.

ENGL 2010. Linguistics. 3-0-3 Units.
Prerequisites: ENGL 1101 with a grade of C or better.

ENGL 2100. News Writing and Reporting. 3-0-3 Units.
Provides an introduction to gathering, writing, and editing news articles
for newspapers, though skills emphasized apply to any medium whose
audience expects timely, accurate, easily intelligible information.
Prerequisites: ENGL 1101 with a C or better.

ENGL 2111. World Literature I. 3-0-3 Units.
Surveys important works of world literature from ancient times through
the mid-seventeenth century. (F,S,M) Pre- or
Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2112. World Literature II. 3-0-3 Units.
Surveys important works of world literature from the mid-seventeenth
century to the present. Continues study begun in ENGL 2111, though
2111 is not a prerequisite. (F,S,M) Pre- or
Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2120. British Literature I. 3-0-3 Units.
Surveys important works of English literature from the Old English period
through the Neoclassical Age. (F) Pre- or
Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2121. British Literature II. 3-0-3 Units.
Surveys important works of English literature from the Romantic Era to
the present. Continues study begun in ENGL 2120, though 2120 is not a
prerequisite. (F,S,M) Pre- or
Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2130. American Literature I. 3-0-3 Units.
Surveys important works of American literature from the Pre-colonial Age
to the mid-nineteenth century. (F,S,M) Pre- or
Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2131. American Literature II. 3-0-3 Units.
Surveys important works of American literature from the mid-nineteenth
century to the present. Continues study begun in ENGL 2130, though
2130 is not a prerequisite. (F,S,M) Pre- or
Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2132. American Literature III. 3-0-3 Units.
A survey of American literature from the mid nineteenth century to the
present.
Prerequisites: ENGL 1102 with a grade of C or better.

ENGL 2201. Intro to Film as Literature. 3-0-3 Units.
Introduces humanistic, philosophic, and historical analyses of film.
Examines and analyzes selected films through lectures, readings,
viewings, and written analyses that focus primarily on literary elements
such as plot, theme, character, symbolism, and only secondarily (if at
all) on filmic elements such as cinematography and editing. (F, S, M)
A minimum grade of C is required in English 1102 before the student can
take English 2201.
Prerequisites: ENGL 1102.

ENGL 3000. Writing for Educ/Soc Sciences. 3-0-3 Units.
Focuses on principles, practices, and strategies for writing clear,
effective, audience-driven communications in a variety of academic
and professional situations in the real world. Assignments include case
studies, reports, proposals, and legal briefs.(F,S)
Prerequisites: ENGL 1102 with C or better.

ENGL 3005. Practical Grammar. 3-0-3 Units.
Explores the basic components of language, language variation, and
modern English grammar. Application of grammatical principles to
composition, editing, and literary analysis.(S)
Prerequisites: ENGL 1102 with C or better.
ENGL 3010. Intro to Literary Studies. 3-0-3 Units.
Surveys materials, methods, and terminology used in the discipline of literary studies. Practice in effective critical writing and examination of the various critical theories available for interpretation and analysis. Must be taken in the student's first semester as an English major; may also be taken as a co-requisite with two other 3000-level or selected 4000-level English courses in the student's first semester as an English major.(F,S) Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3015. Intro to Composition Studies. 3-0-3 Units.
Includes study of composition theory and its application to the teaching of composition. Students will analyze and assess student essays and design a writing course for secondary-level students.(S) Prerequisites: ENGL 1102 with C or better.

ENGL 3020. Advanced Composition. 3-0-3 Units.
Includes a study of various rhetorical strategies with regular writing assignments emphasizing logical organization of thought and effective composition. The course will develop sound grammatical and compositional skills to a level clearly superior to that of ENGL 1102.(S) Prerequisites: ENGL 1102 with C or better.

ENGL 3025. History of English Language. 3-0-3 Units.
Provides an introduction to the background, origins, development, and structure of the English language and the fundamental tools and concepts used in the study of a language's history. (F) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3030. Technical Writing. 3-0-3 Units.
Focuses on practice and instruction in analyzing and writing business and technical documents. Emphasis on increasing proficiency in effective writing, design and organization, audience awareness, visual rhetoric, and web publishing.(F) Prerequisites: ENGL 1102 with a C or better.

ENGL 3040. Classical Rhetorical Theory. 3-0-3 Units.
Introduces students to classical rhetorical concepts. Students will learn to use these concepts as a means of developing and improving their writing skills. Prerequisites: ENGL 1102 with C or better.

ENGL 3100. Advanced Creative Writing. 3-0-3 Units.
Offers an intensive experience in writing in one of the following genres: short story, poetry, the novel, creative non-fiction, or screenwriting.(F, alternating years) Prerequisites: ENGL 1102 with C or better.

ENGL 3130. Argumentative Writing. 3-0-3 Units.
Provides students with extensive practice in reading, analyzing, and composing argumentative writing. Students will learn specific theories of persuasion and reasoning and will apply this knowledge to their own compositions. Reading and evaluating the persuasive logic of both professional writers and peers will also be included in this course. Prerequisite: ENGL 1102 with a grade of C or better.

ENGL 3200. Appalachian Literature. 3-0-3 Units.
Surveys major regional movements, genres, writers in the Appalachian mountains, from settlement to the present. Content and approach may vary. (S,M) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3210. Multi-ethnic American Lit. 3-0-3 Units.
Offers a study of major ethnic American literature, with a particular focus on Latino American, Asian American, and/or Native American writers. (S,M) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3220. Southern Literature. 3-0-3 Units.
Examines selected works by major authors of the American South. (F; alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3235. African-American Literature. 3-0-3 Units.
Surveys the canonical writings of African-Americans, typically including writers such as Douglass, Hurston, Wright, Ellison, Baldwin, Morrison, King, and Walker. (Every other semester) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3300. Medieval Lit in Translation. 3-0-3 Units.
Surveys literature of the Anglo-Saxon and Anglo-Norman periods: Beowulf, Romance of the Rose, Sir Gawain and the Green Knight, and others. (F; alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3340. Hispanic Lit in Translation. 3-0-3 Units.
Provides an introduction to landmark Hispanic works within social, political, economic, and cultural contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3350. Latino/a Literature in English. 3-0-3 Units.
Offers a study of major ethnic American literature, with a particular focus on Latino American, Asian American, and/or Native American writers. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3360. Topics in Asian Literature. 3-0-3 Units.
Surveys the canonical writings of Asia. Prerequisite: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010(prerequisite or co-requisite, English majors)

ENGL 3400. Renaissance Literature. 3-0-3 Units.
Surveys Renaissance literature in its various aspects, including, but not limited to, poetry, prose, and drama, and a consideration of that literature as a part and product of its historical period. (F; alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).
ENGL 3405. Professional/Technical Writing. 3-0-3 Units.
An advanced writing course focusing on the elements of effective writing, particularly as they apply to business and the professions. Prerequisites: ENGL 1102.

ENGL 3410. Shakespeare. 3-0-3 Units.
Surveys representative works of comedy, history, tragedy, tragicomedy drawn from throughout the playwright’s career. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3500. Colonial American Lit to 1840. 3-0-3 Units.
Surveys important writings by representative American authors from the colonial period through the post-Revolutionary War era. Typically includes Bradford, Bradstreet, Winthrop, Crevecoeur, Franklin, Paine, and Irving. Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3510. American Literature, 1840-1913. 3-0-3 Units.
Surveys significant American authors from the post-Revolutionary War era to the turn of the twentieth century. Typically includes Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Douglass, Dickinson, Twain, Crane, Howells, Chopin, and Norris. Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3515. American Lit. 1914-Present. 3-0-3 Units.
Surveys significant works by representative twentieth-century writers. Authors typically covered include Bierce, Eliot, Hemingway, Frost, Fitzgerald, Faulkner, Wright, Stevens, Miller, Baldwin, Morrison, and O’Connor. Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one’s own work and the work of others as a screenwriter; dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years) Prerequisites: ENGL 1102 with a C or better.

ENGL 4000. Contemporary American Lit. 3-0-3 Units.
Examines selected texts produced in the last thirty years in the United States. (M, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4010. The American Novel. 3-0-3 Units.
Offers an investigation of the American novel from the late eighteenth century through the present in relation to literary, cultural, intellectual, technological, and aesthetic changes in America. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4020. Literature for Young Adults. 3-0-3 Units.
Offers a comprehensive study of young adult literature, including non-Western authors as well as literature representative of racial and ethnic groups, appropriate for students in secondary school programs, with emphasis on teaching techniques. (S) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4130. Restoration 18th Century Brit Lit. 3-0-3 Units.
Examines drama, fiction, poetry, and other textual expression from Restoration and eighteenth-century Britain. Works may be studied in their historical, political, cultural, and aesthetic contexts. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4140. British Romantic Literature. 3-0-3 Units.
Examines British literature of the Romantic period, focusing on major works, figures (three or more), and/or themes. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4150. British Victorian Literature. 3-0-3 Units.
Examines Victorian literature in its original historical, political, cultural, and aesthetic contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4160. Modern British Literature. 3-0-3 Units.
Surveys British poetry, fiction, and essays since 1900. Typically includes Hardy, Conrad, Joyce, Yeats, Lawrence, Woolf, Auden, and Lessing. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4170. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include film and the novel, representations of women in film, teen cultures in film, etc. May be repeated for a maximum of six hours with change of content. (Every other year) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4410. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include film and the novel, representations of women in film, teen cultures in film, etc. May be repeated for a maximum of six hours with change of content. (Every other year) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4420. Literature Non-Western World. 3-0-3 Units.
Offers an introduction to non-Western literature that examines a range of texts from a variety of different regions that may include the Americas, Asia, Africa, India, the Middle East, the Pacific Rim, and the African Diaspora. Subjects vary according to the availability of faculty. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).
ENGL 4440. William Faulkner. 3-0-3 Units.
Examines the works of William Faulkner, particularly selected stories and novels set in Yoknapatawpha County. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4700. English Internship. 1-10-3 Units.
Provides practical experience for students interested in a career in writing, editing, and/or interpersonal communication. Through real-world projects and professional work, students will apply writing, editing, and/or communication skills relevant to their major in a specific, real-world project. Students must apply for the internship during the semester prior to the intended internship experience. Student interns work for an average of 10 hours per week under the supervision of a professional in the Dalton, Chattanooga, and/or Northwest Georgia area. Repeatable for a maximum of 6 credit hours.
Prerequisites: 3.0 GPA or higher and 15 hours of upper-level English courses, including English 3030 (Technical Writing).

ENGL 4800. Criticism and Theory. 3-0-3 Units.
Examines texts in literary theory from Plato to Foucault and beyond, representing the rich history of the field and the contemporary debates. Literary theory considers the value and function of literature in society as well as the most rewarding ways to read and consider literature. English majors must take English 3010 as their first upper-division English course. (F, alternating years)
Prerequisites: ENGL 3010 with a C or better.

ENGL 4900. Special Topics. 3-0-3 Units.
Examines a topic in literature, theory, and/or writing that transcends the boundaries of the fixed curriculum. May be repeated for a maximum of six hours with change of content. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4905. Senior Seminar in Literature. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Topics vary. Required for English majors concentrating in literature. Must be taken in the English major's last semester. (F,S)
Prerequisites: 42 hours of upper-level English.

ENGL 4960. Research in English. 0-1-1-3 Unit.
Focuses on a research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor and English department chair required before registration. Variable 1-3 hours. Repeatable for a maximum of 3 hours. (F,S,M)
Prerequisites: ENGL 3010 and at least one additional 3,000- or 4,000-level English course with a C or better.

Sustainability

A minor must contain 15 to 18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

A minor in Mathematics must include 15 credit hours of mathematics coursework, with at least 9 hours at the 3000-level or above.

Courses

SUST 2000. Intro Envir Sustainability. 3-0-3 Units.
Environmental sustainability examines how society-environment interactions in the present can be maintained for the needs of future generations. Topics include population, climate change, renewable energy, water, waste, and food. (F,S)
Prerequisites: ENGL 0999 unless exempt.

SUST 2100. Sustainable Business Mgmt. 3-0-3 Units.
The course examines intelligent approaches for provisioning goods and services that result in long-term business profitability, restored natural world integrity, and the emergence of vibrant and stable communities. We will discuss the variety of strategies and components necessary for effective sustainable business management and successful real-world organization transitions inside the movement. (Spring)
Prerequisites: SUST 2000.

SUST 3000. Political Ecology. 3-0-3 Units.
Political ecology examines how political, economic, and cultural factors influence human-environment relationships. Topics include environmental degradation, conservation, knowledge and discourse, identity, and regional case studies. (Fall)
Prerequisites: SUST 2000.

SUST 3100. Environmental Security. 3-0-3 Units.
Global social, political, economic and environmental instability has created a world that is increasingly focused upon security. This course will specifically examine geographic approaches to environmental security from the scale of global geopolitics and economics to individual households. Topics include collapsing ecologies and ecosystem services, resource consumption and conflicts, disease and biosecurity, natural disasters, and technological risk. (Spring)
Prerequisites: SUST 2000.

SUST 3200. Sustainable Cities. 3-0-3 Units.
More than half the population of the planet now reside in cities. In the United States, more than eighty percent of the population live in urban areas. This course will examine the potential sustainability of urban growth. Topics include rural to urban migration, urban population, settlement patterns, urban ecology, and governance. (Fall)
Prerequisites: SUST 2000.
SUST 3300. Climate and Society. 3-0-3 Units.
Contemporary debates over climate change illustrate that climate is as much a social as a physical phenomenon. The focus of this course is to gain a better understanding of how societies understand and react to climate change. Climate will therefore be examined in its historical, social, cultural, economic, and political contexts. (Spring)
Prerequisites: SUST 2000.

SUST 3400. Sustain. Transport & Mobility. 3-0-3 Units.
We are living in a hyper-mobile world. People, goods, and ideas flow around the planet at ever-increasing numbers and speeds. This course aims to combine the traditional transport geographies approach (i.e., objective) with the newer mobilities paradigm (i.e., subjective) to examine the possibilities of sustainable transportation. The course will focus upon various modes of mobility (e.g., walking, bicycling, driving, public transit, trains, ships, planes, spacecraft) and their attending social, economic, political and environmental impacts. (Fall)
Prerequisites: SUST 2000.

SUST 3500. Environ Policies, Rules & Regu. 3-0-3 Units.
The goal of this course is to examine and better understand the history, institution, and implementation of environmental laws and policies in the US. The course will include discussions of the organizations and agencies responsible for laws related to land and water usage and care for the environment, as well as those governing interactions with the organisms in the ecosystem.
Prerequisites: ENGL 0999, unless exempt.

SUST 4000. Senior Seminar. 3-0-3 Units.
This course offers an experiential approach to applying key sustainable business principles to current business challenges and opportunities. Topics examined each week will focus on a different issue related to recreating a sustainable management system for a fictional business. Writing, research and presentations will assess students’ reading readiness as sustainable business professionals and agents of change. (Spring)
Prerequisites: Student should have at least 15 hours of 3-4000 level SUST courses.

SUST 4100. Water Resources. 3-0-3 Units.
This course is an introduction to water-society relationships. Focus will be placed upon hydrological problems (e.g., drought, flooding), water use (e.g., consumption, energy, agriculture) and conflict (e.g., local management, state and international boundaries). (Fall)
Prerequisites: SUST 2000.

SUST 4200. Energy Sustainability. 3-0-3 Units.
This course will examine energy geographies and sustainability. Specifically, the themes of energy environments (e.g., global and regional environmental impacts, landscapes of production), spatiality (e.g., energy geopolitics, global and regional flows of natural resources, unequal distribution of natural resources) and sustainability (e.g., energy conservation, new technologies). (Spring)
Prerequisites: SUST 2000.

SUST 4300. Waste and Recycling. 3-0-3 Units.
This course examines waste from a social, political, economic, and environmental perspective. Topics include waste creation (e.g., household waste, industrial waste), management (e.g., storage, landfills, garbage communities), movement (e.g., geopolitics and trade), re-use (e.g., land reclamation, industrial recycling), and aesthetics (e.g., art and design, cultural heritage). (Fall)
Prerequisites: SUST 2000.

SUST 4860. Internship Environmental Susta. 0-0-1-3 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (FS).
Prerequisites: Permission of department chair.

SUST 4900. Spec Top Envir. Sustainability. 3-0-3 Units.
Advanced concepts in sustainability will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. (Offered as Needed)
Prerequisites: SUST 2000

SUST 4960. Research: Environ Sustainabili. 0-0-1-3 Unit.
Research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor required before registration. Variable 1-4 hours. Repeatable for a maximum of 4 hours. (FS)
Prerequisites: 9 hours of sustainability courses and permission of the instructor and chair.
ASSOCIATE DEGREE PROGRAMS

Associate of Arts
- General Studies (p. 120)
- General Studies, Film Pathway (p. 117)
- General Studies, Theatre Pathway (p. 139)

Associate of Science
- Criminal Justice (p. 113)
- Early Childhood Education (p. 116)
- General Studies (p. 121)
- General Studies, Computer Science Pathway (p. 111)
- General Studies, Physics/Pre-Engineering Pathway (p. 127)
- General Studies, Nursing Transfer Pathway
  (http://catalog.daltonstate.edu/associatedegree/associatedegree nurs ingtransfer/)
- General Studies, Respiratory Therapy Pathway
  (http://catalog.daltonstate.edu/associatedegree/associatedegrees riptherapy pathway/)

Associate of Applied Science
- Computer Networking and Service Technology (p. 111)
- Medical Laboratory Technology (p. 122)
- Radiologic Technology (p. 131)
- Respiratory Therapy (p. 136)

Associate of Science in Nursing
- Nursing (Registered Nursing) (p. 108)

Nursing

Associate of Science in Nursing (ASN)
Dalton State College offers a nursing program leading to the Associate of Science in Nursing Degree (RN). This program provides persons with the knowledge and clinical expertise necessary to give direct nursing care to patients in a variety of settings. Some clinical experiences involve out-of-town travel and may include evening hours. Prospective students should be aware that all clinical sites are tobacco free areas and smoking is prohibited. The program of study includes general education and nursing theory, and provides opportunities to care for patients of all ages. This program has full approval with the Georgia Board of Nursing and continuing accreditation with the Accreditation Commission for Education in Nursing, Inc. (3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, Phone: 404-975-5000, Fax: 404-975-5020. www.acenursing.org). Graduates are eligible to take the National Council Licensure Examination (NCLEX-RN) for Registered Nurse (RN) licensure.

There are specific practices and/or acts delineated in the Nurse Practice Act which might prevent a candidate from being granted a license to practice as a Registered Nurse. Clinical facilities used by the program require students to submit to background checks and drug screenings before they are allowed in the facility. Based on the information obtained, these facilities can refuse student access. Failure to be accepted into clinical facilities may jeopardize a student’s ability to complete the program. For more information, contact the Nursing Department.

Pre-Nursing Requirements
1. Admission to Dalton State College and exit (or exempt) all areas of Learning Support.
2. High School graduate or G.E.D. equivalent.
3. SAT (math and verbal scores only) or ACT (composite score) by the application deadline. Students with an Associate or Bachelor’s degree will not be required to have SAT/ACT scores in order to apply.

Students meeting the selection criteria are not guaranteed admission to the Nursing program. Since enrollment in the Nursing program is limited, those students meeting pre-nursing requirements will be evaluated by the nursing department and the most qualified students will be selected. The nursing department selects two cohorts annually - Fall and Spring semester. The selection process for the Fall cohort takes place in February with students being notified by email of their status in the class in late March. The selection process for the spring cohort takes place in October with students being notified by email of their status in the class in mid November.

Selection Criteria
1. SAT (Math and Verbal only) or ACT (Composite) scores by the application deadline.
2. Completion of Biology 2212K; Math 1001, 1101, 1111 or 1113; and English 1101 (10 semester hours) before applying to the program.
3. The overall GPA (includes coursework from all colleges attended) will be used for ranking purposes. The overall GPA must be at least 2.75.
4. Completion of the Associate Degree Nursing Application (found on the ASN web page on the DSC web site) between November 1 - February 1 for the fall cohort or July 1 - October 1 for the spring cohort.
5. Students must score 60th percentile or above on the TEAS Test (overall percentage score) to be eligible for class selection. TEAS scores must be obtained within the last three years and must be submitted by the application deadline.
6. Applicants with an active and current LPN, CNA, EMT or Paramedic certification/licensure will receive point consideration on the admission worksheet.

Students must have been accepted to the college by the application deadline for the cohort they are applying for (February 1 for the fall cohort and October 1 for the spring cohort) to be eligible for class consideration. New students transferring to Dalton State College must submit unofficial transcripts to the nursing department administrative assistant by the application deadline to be eligible for class consideration. The GPA must remain at 2.75 or better to keep a place in the class. Students selected will begin nursing courses in August for the fall cohort and January for the spring cohort. For admission and retention in the nursing program, each student must meet stated performance standards. A copy of these standards are available in the Nursing Department office.

Former nursing students desiring to re-enter the nursing sequence and transfer students will be considered on a space available basis and MUST meet the current catalog requirements (including the 2.75 overall GPA). Students withdrawing from the nursing sequence must notify the Administrative Assistant in the Department of Nursing to be eligible for re-entry into the program.
The following documents must be submitted each year the student is enrolled in a nursing class:

1. Physical examination report, with documentation of required immunizations (including influenza).
2. CPR certification (American Heart Association BLS Provider).
3. Background check and drug screen (on initial entry into nursing sequence).
4. Please be advised that there are additional costs for uniforms, equipment, testing, liability insurance, tote bag, books and other items as needed.

**PROGRAM NOTES**

Students must maintain at least a “C” average while enrolled in the nursing program and shall earn at least a “C” in all nursing, math, and biological science courses, or the course shall be repeated. It is a privilege to take Biology 2212K without the pre-requisite requirement of Biology 1107K. If a student takes Biology 2212K and withdraws or makes below a ‘C’, they cannot retake the course without taking Biology 1107K first. Science and/or nursing courses must have been taken within six years of admission, readmission, or transfer into the program, or they must be repeated. It is also highly recommended that the following are completed before entering the nursing sequence: Biology 2212K, Biology 2213K, and Biology 2215K.

Students may repeat only one nursing course for academic reasons. Students are ineligible to enter, re-enter or remain in the nursing sequence if unable to pass any of the required biological science or math courses after two attempts for three years. Students must graduate within four years of entry into the nursing sequence. Students must also comply with all ASN and Dalton State College policies.

Because the nursing program is time consuming and challenging with both theoretical and clinical components, students are encouraged to complete as many of the general education requirements as possible before entering the nursing sequence. Most of the nursing courses have 12 hour clinical components that make it difficult to schedule other classes except in the evenings.

**LPN TO RN OPTION**

Credit-by-Examination:

Dalton State College Department of Nursing offers Licensed Practical Nurses (LPNs) the opportunity to earn up to 14 semester credit hours by examination for the following first year nursing courses. Students who graduate from the Dalton State College LPN program have already earned credit for NURS 1112 and NURS 1113.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>NURS 1111</td>
<td>Basic Nursing Care</td>
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<tr>
<td>NURS 1112</td>
<td>Intro. Pharm. &amp; Dosage Calc.</td>
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<tr>
<td>NURS 1113</td>
<td>Nutrition</td>
<td>2</td>
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<td>NURS 1115</td>
<td>Maternal Newborn Nursing</td>
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<tr>
<td><strong>Total Hours</strong></td>
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To be eligible to take the exam for credit, the Licensed Practical Nurse shall:

1. be admitted to Dalton State College.
2. be accepted for admission to the first nursing course in the program, NURS 1111.

To receive credit:

**Nursing 1111 & 1113**

1. Achieve a score of at least 75% on the Fundamentals Exam ($50 fee).

**Nursing 1112**

1. Achieve a score of at least 75% on the Fundamentals Exam ($50 fee)
2. Achieve a score of at least 80% on the Department of Nursing Pharmacology Exam (no charge).

**Nursing 1115**

1. Achieve a score of at least 75% on the Maternal Newborn Nursing Exam ($50 fee).

**Department of Nursing**

**Curriculum Grid**

**First Year**

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<tr>
<th>Semester</th>
<th>Course Title</th>
<th>Fall Hours</th>
<th>Spring Hours</th>
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<td>Summer</td>
<td>COMM 1110</td>
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<td></td>
<td>BIOL 2213K</td>
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<td></td>
<td>HIST 2111 or 2112</td>
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<td>NURS 1113</td>
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<td></td>
<td>NURS 1115</td>
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<th>Spring Course Title</th>
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**Total Credit Hours:** 60

**NURSING**

**Associate of Science in Nursing**

Prepares students for the NCLEX-RN for licensure as a Registered Nurse.

**General Education**

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<td>Anatomy and Physiology I</td>
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<td>BIOL 2213K</td>
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<tr>
<td>Anatomy and Physiology II</td>
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<td>BIOL 2215K</td>
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<td>Microbiology</td>
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<td>Fundamentals of Speech</td>
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<td>ENGL 1101</td>
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<td>HUMN 1202</td>
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<td>MUSC 1100</td>
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<td>THEA 1100</td>
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<tr>
<td>Theatre Appreciation</td>
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</tbody>
</table>
**Courses**

**NURS 1111. Basic Nursing Care. 3-8-6 Units.**
A foundation course that introduces nursing concepts and skills related to the care of multicultural individuals across the lifespan. Requires clinical applications using evidence-based practice in a variety of health care and simulated settings. (Career Course)(F)
Prerequisites: BIOL 2212K, MATH 1001, 1101, 1111, ror 1113, ENGL 1101.
Corequisites: NURS 1112, NURS 1113, BIOL 2213K.

**NURS 1112. Intro. Pharm. & Dosage Calc. 2-0-2 Units.**
Introduces pharmacological concepts including drug classifications, mathematical calculations, and principles of drug administration. Satisfies the computer literacy requirement. (Career Course)(F)
Corequisites: NURS 1111, NURS 1113, BIOL 2213K.

**NURS 1113. Nutrition. 2-0-2 Units.**
Introduces basic nutrition concepts of digestion, absorption and metabolism. Concentrates on essential nutrients including carbohydrates, lipids, proteins, vitamins and minerals. Addresses nutritional needs from infancy through adulthood and includes eating disorders. (Career Course)(F, S, M)

**NURS 1115. Maternal Newborn Nursing. 3-14-4 Units.**
A foundation course that concentrates on nursing concepts and skills related to the care of multicultural individuals in the maternal newborn setting. Addresses common well-defined health alterations as related to pregnancy, childbirth and the newborn as well as incorporating the child-bearing family. Requires clinical applications using evidenced-based practice in the maternal newborn and simulated settings. (Career Course) Prerequisite: NURS 1111, NURS 1112, NURS 1113, BIOL 2213K
Corequisite: BIOL 2215K, PSYC 1101

**NURS 1116. Mental Health Nursing. 3-12-3 Units.**
A foundation course that concentrates on nursing concepts and skills related to the care of multicultural individuals in the mental health setting. Addresses common well-defined health alterations and incorporates individuals with mental health issues. Requires clinical applications using evidenced-based practice in a variety of mental health, community based, and simulated settings. (Career Course) Prerequisite: NURS 1111, NURS 1112, NURS 1113, BIOL 2213K
Corequisite: BIOL 2215K, PSYC 1101

**NURS 2011. Nursing Care Lifespan II. 3-17-9 Units.**
A continuation course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. (Career course)(F)
Prerequisites: NURS 1111, NURS 1112, NURS 1113, NURS 1114, BIOL 2215K.

**NURS 2012. Nursing Care Lifespan III. 3-17-9 Units.**
A culmination course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses complex well-defined health alterations. Involves team management of patients and health care workers. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. (Career Course)(S)
Prerequisites: NURS 1111, NURS 1112, NURS 1113, NURS 1114, NURS 2011, BIOL 2215K, and all general education courses.
Corequisites: NURS 2013.

**NURS 2013. Nursing Issues. 2-0-2 Units.**
Discusses current issues in nursing, prepares students for the NCLEX-RN exam, and facilitates the transition from student to health care professional. Satisfies the computer literacy requirement. (Career Course) (S)
Prerequisites: NURS 2011 and all general education courses.
Corequisites: NURS 2012.

**NURS 3000. Health Assessment. 2-2-3 Units.**
A study of theory and skills needed to holistically assess the health of individuals across the life span. An introduction to a comprehensive assessment of groups/communities is included. This course includes 2 hours of lab practice. (S, M)
Prerequisites: RN licensure or permission of instructor.

**NURS 3001. RN-BSN Nursing Examination. 0-0-19 Units.**
19 hours of credit granted upon successful completion of NURS 4000.

**NURS 3100. Perspectives on USA Health Sys. 3-0-3 Units.**
This multi-disciplinary course focuses on nursing, business, and social perspectives of the American health care system. Issues related to safety and quality, access, finance, and politics will be emphasized. (F)
Corequisites: NURS 3000, NURS 4000.

**NURS 4000. Evidenced-based Practice. 3-0-3 Units.**
This course focuses on the understanding and use of nursing theory, nursing research, and evidence-based practices in clinical decision making regarding care of individuals, groups, and communities. (F)
Corequisites: NURS 3000, NURS 3100.
NURS 4100. Mgmt/Leadership-Groups/Comm. 3-9-6 Units.
A study of leadership/management theory and skills needed to effectively deliver safe and client-centered nursing care in a variety of settings including acute care, community health care, and international health care settings. This course includes clinical experience in leadership and community health arenas. (S)
Prerequisites: NURS 3000, NURS 3100, NURS 4000.
Corequisites: NURS 4200.

NURS 4200. Nursing Capstone. 3-0-3 Units.
A course designed to allow students to explore, discuss and begin to resolve issues in professional nursing and health care. In this course, students will complete a senior thesis project. (S)
Corequisites: NURS 4100.

Computer Networking and Service Technology
Associate of Applied Science
The A.A.S. Computer Networking and Service Technology degree prepares students for entry-level positions in the field of information technology. This degree gives students knowledge in several different areas of technological study, including computer networking, hardware maintenance and repair, computer programming, an introduction to Linux operating systems, and network security. Courses within the A.A.S. degree also prepare students to take entry-level technology certifications, giving them better odds of finding employment opportunities and starting positions at higher salaries. The A.A.S. degree meets the requirements for admission to the Dalton State College Bachelor of Applied Science in Technology Management.

General Education

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<td>or HIST 2112</td>
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<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
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<td>HIST 1111</td>
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<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<td>POLS 2101</td>
<td>Intro to Political Science</td>
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Major Field Courses

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<td>CAPS 1145</td>
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<td>CAPS 1152</td>
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<td>CAPS 1240</td>
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<td>CAPS 1276</td>
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<td>CAPS 2278</td>
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<td>ELCT 1100</td>
<td>PC Maint &amp; Troubleshooting</td>
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<td>A+ Certification Review</td>
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Physical Education

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<tr>
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Total Hours: 61

General Studies, Computer Science Pathway
Associate of Science
The Computer Science track at Dalton State allows students to grasp the fundamental concepts of computers and how they affect the world around us. Understanding the many characteristics of computing has become a necessary skill. Our two-year program develops a strong foundation of knowledge and skills necessary to succeed in computer science or to pursue a higher degree. The program incorporates practical and theoretical approaches to key aspects of computer science such as programming languages, operating systems, data structures, and software engineering. These courses, along with the math and problem-solving skills, represent the foundation to meet current and future industry needs.

Transfers toward the Bachelor of Science in Computer Science.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
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<td>MATH 1113</td>
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Area B: Institutional Options

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<td>COMM 1110</td>
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One of the following electives: 1

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<th>Course</th>
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<tr>
<td>COMM 1120</td>
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<td>Intro to Greek Mythology</td>
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<td>Creative Writing</td>
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### General Studies, Computer Science Pathway

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<th>Course Code</th>
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<td>Health and Wellness Concepts</td>
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<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>Christian Fiction/Pop Culture</td>
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<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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### Area C: Humanities/Fine Arts
Choose one to two ENGL course(s):

- ENGL 2000 Topics in Literature & Culture
- ENGL 2111 World Literature I
- ENGL 2112 World Literature II
- ENGL 2120 British Literature I
- ENGL 2121 British Literature II
- ENGL 2130 American Literature I
- ENGL 2131 American Literature II
- ENGL 2201 Intro to Film as Literature

If only one ENGL course chosen, add one of the following:

- ARTS 1100 Art Appreciation
- HUMN 1201 Expressions of Culture I
- HUMN 1202 Expressions of Culture II
- MUSC 1100 Music Appreciation
- MUSC 1110 World Music
- MUSC 1120 American Music
- THEA 1100 Theatre Appreciation

### Area D: Science/Mathematics/Technology
One of the following Laboratory Science Sequences:

- BIOL 1107K & BIOL 1108K Principles of Biology I and II
- CHEM 1211K & CHEM 1212K Principles of Chemistry I and II
- GEOL 1121K & GEOL 1122K Principles of Geology and Historical Geology
- PHYS 1111K & PHYS 1112K Introductory Physics I and II
- PHYS 2211K & PHYS 2212K Principles of Physics I and II
- MATH 2253 Calculus and Analytic Geom I * 4

### Area E: Social Sciences

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<td>United States Hist since 1877</td>
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<tr>
<td>POLS 1101</td>
<td>American Government</td>
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Two of the following electives:

- ANTH 1103 Intro to Cultural Anthropology
- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- GEOG 1100 Introduction to Geography
- GEOG 1101 Intro to Human Geography
- GEOG 1111 Intro to Physical Geography
- HIST 1111 World Civilization to 1500 CE
- HIST 1112 World Civilization since 1500
- HIST 2111 United States History to 1877
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- PHIL 2010 Intro to Philosophical Issues
- PHIL 2020 Logic and Critical Thinking
- POLS 2101 Intro to Political Science
- POLS 2201 State and Local Government
- POLS 2301 Comparative Politics
- POLS 2401 International Relations
- PSYC 1101 Introduction to Psychology
- PSYC 2101 Psychology of Adjustment
- PSYC 2103 Human Development
- SOCI 1101 Introduction to Sociology
- SOCI 1160 Social Problems

### Area F: Major Related

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<td>CMPS 1301</td>
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<tr>
<td>CMPS 2720</td>
<td>Data Structures</td>
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<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
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</table>

Two of the following electives:

- CMPS 2313 Intro to Software Engineering
- MATH 1401 Elementary Statistics
- MATH 2255 Calculus and Analytic Geom III
- MATH 2256 Introduction to Linear Algebra
- MATH 2602 Linear & Discrete Mathematics

### Physical Education

- PHED Activity Elective

Total Hours: 61-63

* One hour from MATH 2253 may be used toward Area F credit hour requirement.

### Courses

**CMPS 1301. Principles of Programming I. 3-0-3 Units.**
Introduces the principles of computer programming. Emphasis is on the design and teaching of correct well-structured algorithms using appropriate control structures with simple data types and data structures.(FS)
Prerequisites: MATH 1111.

**CMPS 1302. Principles of Programming II. 3-0-3 Units.**
This course continues the development of program design using a modern object-oriented language.(S)
Prerequisites: CMPS 1301.

**CMPS 1371. Computing for Sci & Engineer. 3-0-3 Units.**
Introduces skills and concepts which are needed to use the computer in scientific and engineering work. Topics include design and analysis of algorithms, methods and techniques of scientific computation, and the organization of software.(FS)
Corequisites: MATH 2253.

**CMPS 2313. Intro to Software Engineering. 3-0-3 Units.**
This course will develop students’ ability to apply a systematic, engineering approach to the development of software systems. Software development process will explore software development life cycles, requirements elicitation, architectural design, design decomposition, implementation, and testing. The course teaches students about modern techniques available for performing activities in each of these areas.(S)
Prerequisites: CMPS 1302.
CMPS 2720. Data Structures. 3-0-3 Units.
The design, analysis, implementation and evaluation of the fundamental structures for representing and manipulating data. Structures include collections, lists, linked lists, stacks, queues, trees, heaps, tables. (F)
Prerequisites: CMPS 1301.

CMPS 2900. Special Topics in Comp Science. 0-0-1-3 Unit.
Variable 1-3 hours. Special topics in computer science are presented, the content varies with the topic. This course may be repeated for credit when topic differs. (Offered As Needed) Prerequisite: Permission of Instructor

Criminal Justice

Associate of Science

The Associate of Science degree with a major in criminal justice transfers toward the Bachelor of Science degree in criminal justice and prepares students for possible employment in entry-level positions in municipal, state, and federal law enforcement; corrections; juvenile justice; and probation.

Area A: Essential Skills

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<th>Title</th>
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<td>ENGL 1102</td>
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<td>or MATH 1111</td>
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<td>or MATH 1113</td>
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<td>or MATH 1401</td>
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Area B: Institutional Options

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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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If only one ENGL course chosen, add one of the following: 0-3

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Area D: Science/Mathematics/Technology

Eight Credit Hours of Lab Science Electives: 8

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Area E: Social Sciences
CRJU 2200. The Judicial Process. 3-0-3 Units.
Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels. Completion of or exemption from Learning Support English.

CRJU 3100. Criminal Law. 3-0-3 Units.
Offers an overview of both substantive and procedural law related to the definitions, investigations, processing, and punishment of crimes. The course will introduce students to the legal idea of criminal responsibility, the concept and elements of criminal responsibility, required state of mind (mens rea), and prohibited conduct (actus reus). The course discusses the substantive content, structure, and sources of major crimes against persons and property and provides a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches. Prerequisites: CRJU 2200 or 4100.

CRJU 3101. Criminal Law II. 3-0-3 Units.
Offers a more extensive examination of the crimes addressed in CRJU 3100, as well as an exploration of more theoretical issues including Actus Reus, Mens Rea, and the conflict between criminal law and constitutional protections, including the right of privacy, freedom of speech, and religious freedom.

CRJU 3110. Criminal Procedure. 3-0-3 Units.
A study the nature and function of the law regulating the criminal processes, policies, and procedures in the administration of criminal justice. Special attention will be given to United States Supreme decisions.(F)
Prerequisites: CRJU 2200 or CRJU 4100.

CRJU 3200. Criminology. 3-0-3 Units.
A study of the nature and scope of crime in society with an emphasis on criminological theories.(S)
Prerequisites: CRJU 1100.

CRJU 3250. Crime and the Media. 3-0-3 Units.
Analyses the role the mass media has on human behavior, subsequently affecting human judgment, attitudes, perceptions of crime, and societal reactions to crime in general. This course analyzes how the general public processes the 'criminal event' and other pertinent information regarding crime and how this process is fundamentally derived from the media and is an instrumental element in the creation of fear of crime.
Prerequisites: CRJU 1100.

CRJU 3300. Corrections. 3-0-3 Units.
A study of the history, structure, and functions of corrections as well as the legal and philosophical basis for the punishment of criminal offenders.
Prerequisites: CRJU 1100.

CRJU 3350. Drugs in America. 3-0-3 Units.
Explores and analyzes the complex experience of illicit drug use in America from multiple angles with specific attention to the ways that our culture understands drugs, drug use, and drug policy as a social/criminal justice problem. Topics include punishment, interdiction, prevention, and rehabilitation.
Prerequisites: CRJU 1100.
CRJU 3400. Juvenile Delinquency & Justice. 3-0-3 Units.
Reviews the juvenile justice system, including the impact of Supreme Court decisions, and examines the theories of juvenile delinquency and the implications of those theories for preventing and controlling juvenile deviance.
Prerequisites: CRJU 1100.

CRJU 3450. White Collar Crime. 3-0-3 Units.
Provides an introduction to white-collar crime in the United States. Topics include definitions of and various types of white-collar crimes, who commits this type of crime and why they engage in white-collar crime, as well as how perpetrators are dealt with by the criminal justice system.
Prerequisites: CRJU 1100.

CRJU 3500. Criminal Investigation I. 3-0-3 Units.
An overview of principles, techniques, law and procedure involved in the criminal investigative process from its inception to culmination.
Prerequisites: CRJU 1100.

CRJU 3501. Criminal Investigation II. 3-0-3 Units.
Continues information introduced in CRJU 3500, with special focus on the investigation of the crimes of burglary, robbery, forgery, homicide, assault, and bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as well as obtaining fingerprints and other types of latent evidence.
Prerequisites: CRJU 3500.

CRJU 3550. Comparative Criminology. 3-0-3 Units.
Provides an overview and analysis of criminal justice systems-police, courts, and corrections-in selected eastern and western nations, as well as an analysis of the causes of crime in selected nations.
Prerequisites: CRJU 1100.

CRJU 3600. Criminal Justice Admin. 3-0-3 Units.
Introduction to criminal justice management theory, practice, and policy. This course includes a review of traditional schools or organizational theory, including bureaucratization, scientific management, human relations, and the behavioral approach, with particular emphasis on how each applies to criminal justice agencies.
Prerequisites: CRJU 1100.

CRJU 3700. Crim Just Research Methodology. 3-0-3 Units.
An introduction to criminal justice research methodologies, with a focus on research design, ethical concerns, conceptualization, sampling, data analysis, interpretation of research results, report writing, and application of research findings.
Prerequisites: CRJU 3200, ENGL 3000.

CRJU 3710. Special Topics in Crim Just. 1-0-1-3 Unit.
An intensive study of a specific topic relevant to criminal justice, including sex crimes, terrorism, drug law, or capital punishment. This course may be taken for a total of nine credit hours when topics vary. (F)
Prerequisites: CRJU 1100.

CRJU 3800. Race, Ethnicity & Crim Justice. 3-0-3 Units.
Addresses the racial impact of criminal laws enacted by the people's elected representatives, the actions and policies of law enforcement agencies, the courts, correctional institutions, the juvenile justice system, and the death penalty. Raises awareness and promotes critical thinking about the problems that exist in our system, how those problems originated and evolved, and possible solutions for these problems.
Prerequisites: CRJU 1100.

CRJU 3810. Victimology. 3-0-3 Units.
Addresses the physical, emotional, and financial impact of crime victimization; the relationship between victims and offenders; how the criminal justice system interacts with crime victims; and the policies designed by the government to offer assistance to individuals who are victimized by crime. Raises awareness and promotes critical thinking and problem solving about the most effective strategies for interaction with crime victims, the measurement of crime victimization, and victim trends.
Prerequisites: CRJU 1100.

CRJU 3850. Deviance, Soc Cntrl&Collec Vio. 3-0-3 Units.
Reviews the nature of deviance and social control, including terrorism, riots, lynching, vigilantism and genocide, in three segments: collective deviance, collective violence and the theoretical models, including Pure Sociology, associated with collective deviance and collective violence.
Prerequisites: CRJU 1100.

CRJU 4000. Internship in Criminal Justice. 0-12-3 Units.
Supervised, practical experience in an appropriate criminal justice agency. This course allows students the opportunity to discover the integration between theory and practice. This course may be taken three times for a total of nine hours of credit.
Prerequisites: Permission of Instructor and 12 credit hours of upper-level Criminal Justice courses.

CRJU 4110. The Law of Criminal Evidence. 3-0-3 Units.
An examination of the rules of evidence used in criminal prosecutions, including burden of proof, presumptions, inferences and stipulations, relevancy of evidence and competency of witnesses, expert testimony, hearsay, and constitutional limitations.
Prerequisites: CRJU 1100.

CRJU 4200. Profiling the Serial Offender. 3-0-3 Units.
An examination of the type and patterns of crimes committed by serial offenders and the process by which profiles are developed to solve these crimes.
Prerequisites: CRJU 1100.

CRJU 4210. Terrorism & Crim Just System. 3-0-3 Units.
An examination of the motives and actions of terrorists, the governmental response to terrorism, especially in the wake of 9/11, and the legal and constitutional restraints on the government. Included will be issues such as surveillance of American citizens, detention of suspected terrorists, enemy combatants, limits on the methods of interrogation, and use of military tribunals.
Prerequisites: CRJU 1100.

CRJU 4300. Community Corrections. 3-0-3 Units.
An examination of alternatives to incarceration. Special emphasis will be given to the issues of probation and parole, as well as diversion, community service, electronic monitoring, and various treatment programs.
Prerequisites: CRJU 2261 or CRJU 3300 or CRJU 3400.

CRJU 4350. Family Violence. 3-0-3 Units.
Explores a range of crimes that occur in the family setting, including violence between intimate partners, child abuse, and neglect. Theoretical factors, as well as how the criminal justice system responds to both victims and perpetrators of family violence, will be examined.
Prerequisites: CRJU 1100.

CRJU 4500. Management of Forensics. 3-0-3 Units.
The scientific investigation of crime with emphasis on the collection, analysis, comparison, and identification of physical evidence.
Prerequisites: CRJU 1100, CRJU 3500.
CRJU 4600. Police Practices and Issues. 3-0-3 Units.
An advanced examination of policing, exploring topics including the police subculture, the police use of discretion, the broken-windows approach, community policing, and problem-solving approaches.
Prerequisites: CRJU 1100 and CRJU 2100.

CRJU 4700. Ethical Issues in Criminal Justice. 3-0-3 Units.
An examination of the philosophical theories underlying ethics and how they relate to issues involving the police, courts, corrections, law, and principles of justice.
Prerequisites: CRJU 1100.

CRJU 4710. Readings in Criminal Justice. 3-0-3 Units.
Permits selected students to pursue approved topics through independent study under the direction of a faculty member. This course may be taken twice for a total of six credit hours with change of topics.
Prerequisites: Permission of Instructor.

CRJU 4750. Advanced Criminological Theory. 3-0-3 Units.
Expands on the study of criminology as examined in CRJU 3200. This course provides further and more in-depth understanding of why people engage in criminal behavior, the policies that are derived from criminological theory, and how those policies are implemented. This is an advanced class and will be taught in a fashion similar to a graduate-level class to help students prepare for graduate and/or law school.
Prerequisites: CRJU 3200 and ENGL 3000. Prerequisite or co-requisite: CRJU 3700.

CRJU 4800. Senior Capstone in CRJU. 3-0-3 Units.
Serves as the comprehensive experience in criminal justice utilizing the student's knowledge and academic skills, including pursuing archival research, journal keeping, note taking and report writing to address a topic or issue of contemporary interest in criminal justice or one of its sub-fields. The course will be taught at the senior level and will focus on criminal justice issues at the national and international levels. In addition to the course requirements, students will complete a major research paper that results in an end-of-semester presentation to the class. This course serves as a capstone course for criminal justice majors.
Prerequisites: CRJU 3700, 45 hours of upper-level criminal justice courses, senior standing.

Early Childhood Education

Associate of Science

Applies toward the Bachelor of Science in Education.

Area A: Essential Skills
Grades of C or better required.

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Area B: Institutional Options

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Eight Credit Hours of Lab Science Electives: 8

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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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If only one ENGL course taken, add one of the following: 0-3

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<td>THEA 1100</td>
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<td>Environmental Studies (Prerequisite for ISCI 2001)</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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</tbody>
</table>
**Area A: Essential Skills**

(Grade of C or higher)

- ENGL 1101 English Composition I 3
- ENGL 1102 English Composition II 3
- MATH 1001 Quantitative Skills/Reasoning 3
- or MATH 1111 College Algebra 3
- or MATH 1401 Elementary Statistics 3

**Area B: Institutional Options**

- COMM 1110 Fundamentals of Speech 3

One of the following electives: 1

- COMM 1120 Argumentation and Advocacy
- ENGL 1105 Intro to Greek Mythology
- ENGL 1110 Creative Writing
- GEOL 1000 Natural Hazards
- HIST 1050 Appalachian Hist-Special Topic
- HIST 1051 Sports Hist & Amer Character
- HLTH 1030 Health and Wellness Concepts
- HUMN 1000 Mystery Fiction in Pop Culture
- HUMN 1300 Christian Fiction/Pop Culture

**Area E: Social Sciences**

- HIST 2111 United States History to 1877 3
- or HIST 2112 United States History since 1877 3
- POLS 1101 American Government 3
- PSYC 1101 Introduction to Psychology * 3

One of the following electives: 3

- ANTH 1103 Intro to Cultural Anthropology
- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- GEOG 1100 Introduction to Geography (Recommended)
- GEOG 1101 Intro to Human Geography (Recommended)
- GEOG 1111 Intro to Physical Geography (Recommended)
- HIST 1111 World Civilization to 1500 CE
- HIST 1112 World Civilization since 1500
- HIST 2111 United States History to 1877
- HIST 2112 United States History since 1877
- PHIL 1103 Intro to World Religions
- PHIL 2010 Intro to Philosophical Issues
- PHIL 2020 Logic and Critical Thinking
- POLS 2101 Intro to Political Science
- POLS 2201 State and Local Government
- POLS 2301 Comparative Politics
- POLS 2401 International Relations
- PSYC 2101 Psychology of Adjustment
- PSYC 2103 Human Development
- SOCI 1101 Introduction to Sociology
- SOCI 1160 Social Problems

**Area F: Major Related (Grades of C or better required.)**

Prior to enrollment in EDUC 2110, EDUC 2120, and EDUC 2130, students must have taken PSYC 1101, COMM 1110, and Area A courses with grades of C or better. Approved Background check, proof of professional Liability Insurance, completion of the mandated reporter training course, and a passing score on an Ethics assessment are also required.

- EDUC 2110 Investig Critical/Contem Issue (Includes 10 hours of practicum) 3
- EDUC 2120 Expl Socio-Cultural Perspect (Includes 10 hours of practicum) 3
- EDUC 2130 Exploring Learning/Teaching (Includes 10 hours of practicum) 3
- MATH 2008 Found of Numbers & Operations 3
- ISCI 2001 Life and Earth Sciences 3
- ISCI 2002 Integrated Physical Sciences 3

**Physical Education**

- PHED Activity Elective 1

Total Hours 61-62

* COMM 1110 and PSYC 1101 are prerequisites for EDUC 2110, EDUC 2120, and EDUC 2130. Grade of C or better required.

**Film Pathway**

The Associate of Arts in General Studies with a Film Pathway allows qualified students to complete their certification from the Georgia Film Academy and earn the associate's level credential from Dalton State at the same time. All courses in Area F are taken at the Georgia Film Academy facilities in the Atlanta Metropolitan area. Students may begin their courses at GFA after finishing 30 hours of college credit, which includes dual enrolled and transfer credit, and achieving a 2.5 GPA. Georgia Film Academy courses (three six-hour courses) can be completed in two semesters and are taught in the summers as well. For further questions, contact Dr. Barbara Tucker at btucker@daltonstate.edu.

**Area A: Essential Skills**

(Grade of C or higher)

- ENGL 1101 English Composition I 3
- ENGL 1102 English Composition II 3
- MATH 1001 Quantitative Skills/Reasoning 3
- or MATH 1111 College Algebra 3
- or MATH 1401 Elementary Statistics 3

**Area B: Institutional Options**

- COMM 1110 Fundamentals of Speech 3

One of the following electives: 1

- COMM 1120 Argumentation and Advocacy
- ENGL 1105 Intro to Greek Mythology
- ENGL 1110 Creative Writing
- GEOL 1000 Natural Hazards
- HIST 1050 Appalachian Hist-Special Topic
- HIST 1051 Sports Hist & Amer Character
- HLTH 1030 Health and Wellness Concepts
- HUMN 1000 Mystery Fiction in Pop Culture
- HUMN 1300 Christian Fiction/Pop Culture

**Area E: Social Sciences**

- HIST 2111 United States History to 1877 3
- or HIST 2112 United States History since 1877 3
- POLS 1101 American Government 3
- PSYC 1101 Introduction to Psychology * 3

One of the following electives: 3

- ANTH 1103 Intro to Cultural Anthropology
- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- GEOG 1100 Introduction to Geography (Recommended)
- GEOG 1101 Intro to Human Geography (Recommended)
- GEOG 1111 Intro to Physical Geography (Recommended)
- HIST 1111 World Civilization to 1500 CE
- HIST 1112 World Civilization since 1500
- HIST 2111 United States History to 1877
- HIST 2112 United States History since 1877
- PHIL 1103 Intro to World Religions
- PHIL 2010 Intro to Philosophical Issues
- PHIL 2020 Logic and Critical Thinking
- POLS 2101 Intro to Political Science
- POLS 2201 State and Local Government
- POLS 2301 Comparative Politics
- POLS 2401 International Relations
- PSYC 2101 Psychology of Adjustment
- PSYC 2103 Human Development
- SOCI 1101 Introduction to Sociology
- SOCI 1160 Social Problems

**Area F: Major Related (Grades of C or better required.)**

Prior to enrollment in EDUC 2110, EDUC 2120, and EDUC 2130, students must have taken PSYC 1101, COMM 1110, and Area A courses with grades of C or better. Approved Background check, proof of professional Liability Insurance, completion of the mandated reporter training course, and a passing score on an Ethics assessment are also required.

- EDUC 2110 Investig Critical/Contem Issue (Includes 10 hours of practicum) 3
- EDUC 2120 Expl Socio-Cultural Perspect (Includes 10 hours of practicum) 3
- EDUC 2130 Exploring Learning/Teaching (Includes 10 hours of practicum) 3
- MATH 2008 Found of Numbers & Operations 3
- ISCI 2001 Life and Earth Sciences 3
- ISCI 2002 Integrated Physical Sciences 3

**Physical Education**

- PHED Activity Elective 1

Total Hours 61-62

* COMM 1110 and PSYC 1101 are prerequisites for EDUC 2110, EDUC 2120, and EDUC 2130. Grade of C or better required.
Film Pathway

SOCI 1000 Race and Ethnicity in America
PRSP Elective (see advisor)
Choose of one or two of ENGL course(s): 3-6

ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature **

If only one ENGL course is chosen, add one of the following: 0-3

ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation *

Area D: Science/Mathematics/Technology
Lab Science Electives: 8

ASTR 1010 Astronomy of the Solar System
& 1010L and Astronomy of Solar Sys. Lab
ASTR 1020 Stellar and Galactic Astronomy
& 1020L and Stellar & Galac. Astronomy Lab
BIOL 1105K Environmental Studies
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
BIOL 1203K Principles of Botany
BIOL 1224K Entomology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
GEOL 1131K Geology & the Environment
PHYS 1111K Introductory Physics I
PHYS 1112K Introductory Physics II
PHYS 2211K Principles of Physics I
PHYS 2212K Principles of Physics II

One of the following electives: 3-4

ASTR 1010 Astronomy of the Solar System
ASTR 1020 Stellar and Galactic Astronomy
BIOL 1105K Environmental Studies
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
BIOL 1203K Principles of Botany
BIOL 1224K Entomology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
CMPS 1301 Principles of Programming I
CMPS 1302 Principles of Programming II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
GEOL 1131K Geology & the Environment
MATH 1113 Precalculus Mathematics
MATH 1401 Elementary Statistics
MATH 2181 Applied Calculus
MATH 2253 Calculus and Analytic Geom I
MATH 2254 Calculus and Analytic Geom II
PHYS 1111K Introductory Physics I
PHYS 1112K Introductory Physics II
PHYS 2211K Principles of Physics I
PHYS 2212K Principles of Physics II

Area E: Social Sciences

HIST 2111 United States History to 1877 3
or HIST 2112 United States Hist since 1877
POLS 1101 American Government 3

Two of the following electives: 6

ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
PHIL 1103 Intro to World Religions
PHIL 2101 Intro to Philosophical Issues
PHIL 2102 Logic and Critical Thinking
POLS 2101 Intro to Political Science
POLS 2201 State and Local Government
POLS 2301 Comparative Politics
POLS 2401 International Relations
PSYC 1101 Introduction to Psychology
PSYC 2101 Psychology of Adjustment
PSYC 2103 Human Development
SOCI 1101 Introduction to Sociology
SOCI 1160 Social Problems

Area F: Major Related

GFA 1000 Intr to On-Set Film Production 6

GFA Craft Courses 12

GFA 2010 GFA Set Construction & Paint
GFA 2020 GFA Lighting & Electric
GFA 2030 Grip & Rigging
GFA 2040 Post ProdAvid Media Composer I
GFA 2050 Special Effects Make-Up

Physical Activity Elective:
Choose one PHED course.

* If used in Area F, another Area C elective should be chosen.
** Recommended
Courses

GFA 1000. Intr to On-Set Film Production. 6-0-6 Units.
This course is the first of an 18-credit hour certificate program which will provide an introduction to the skills used in on-set film production, including all forms of narrative media which utilize film-industry standard organizational structure, professional equipment and on-set procedures. In addition to the use of topical lectures, PowerPoint presentations, videos and hand-outs, the course will include demonstrations of equipment and set operations as well as hands-on learning experiences. Students will learn: film production organizational structure, job descriptions and duties in various film craft areas, names, uses and protocols related to various pieces of professional on-set film equipment. Students will also learn, through lecture and exercises, how the various film craft relate to one-another on a working set, as well as how and why they all must operate in sync. In addition, students will learn skills related to networking and self-marketing.
Prerequisites: 2.5 GPA and completion of at least 25 hours of credit at Dalton State College (dual enrollment courses may count).

GFA 2000. GA Film & TV Prod Internship. 6-0-6 Units.
Upon successful completion of GFA 1000: GFA Introduction to On-Set Film Production and one GFA specialty craft course, the GFA Film & Television Production Internship course is a 6 hour option as part of the 18 credit hours needed for the Georgia Film Academy (GFA) Certification Program. The course is designed to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standards, organizational structure, professional equipment and on-set procedures by giving students hands-on experience on the sets and offices of working film productions and businesses. Students will also have an opportunity to network and to build resumes in order to help market themselves with the intention of integrating into the film industry as entry-level workers. This course is by application only.

GFA 2010. GFA Set Construction & Paint. 6-0-6 Units.
This course is designed to equip students with entry-level skills and knowledge of set construction for the film and television industry. Students will participate in goal-oriented class projects including model boards, drafting, reading blueprints, architectural models, set safety, use of power tools, carpentry and scenic paint. Students will ultimately work on a final project that will give them hands on experience from concept to completion, solving real world problems with the skills they learn. A large emphasis will be placed on set etiquette, including but not limited to, attitude, professionalism and technique on and off set.

GFA 2020. GFA Lighting & Electric. 6-0-6 Units.
This course is designed to equip students with the skills and knowledge of electrical distribution and set lighting on a motion picture or episodic television set in order to facilitate their entry and advancement in the film business. Students will participate in goal oriented class projects including power distribution, set protocol and etiquette, properly setting lamps, department lingo, how to light a set to feature film standards, motion picture photography, etc. Upon completion of this course, the student will have a very solid and broad base of knowledge that includes, but is not limited to, the equipment, techniques, communications, specifications, etc. used in the set lighting department. The student will also have a virtually complete understanding of the behavior of light and how to manipulate and control it to feature film standards.

GFA 2030. Grip & Rigging. 6-0-6 Units.
Grip and Rigging is an introduction and orientation to the practice of rigging and supporting grip equipment, cameras, vehicles and other physical/mechanical devices. This class is designed to move cameras from beyond sticks and lights from beyond stands. In addition to a gaining a thorough knowledge of the equipment used in grip and rigging, students will engage in on-set exercises in inventory, maintenance, set-up, trouble-shooting, teamwork, set protocol and safety. The purpose of this course is to prepare students to work on a motion picture production set. As such, student responsibilities are matched to potential responsibilities as a team member on a production set as closely as possible.

GFA 2040. Post Prod Avid Media Composer I. 6-0-6 Units.
This course is designed to certify students with Avid Media Composer User Certification. This certification is recognized world-wide as the industry standard for assistant editors in feature films and broadcast television. This course will equip students with a unique skillset and knowledge of industry standard digital imaging, editorial process and story forging on both motion picture or episodic nonlinear productions. At the end of the course, the students will be qualified to advance a career in entertainment post production of film and television. Successful completion of the coursework will award students Avid Media Composer Certified User 100 certification and qualify them to work as an assistant editor in feature films and episodic television. Students will learn "Avid Media Composer" post production processes and best practices, industry standard department lingo, image processing, basic visual effects, and color grading as well as "Digital Imaging Technician (DIT)" workflows. A large emphasis will be placed on the technical aspects of the industry standard editing tools, as well as attitude, professionalism and technique in and out of the edit room. Students will certify as an Avid Media Composer User upon passing Avid’s certification exam.

GFA 2050. Special Effects Make-Up. 6-0-6 Units.
This course is designed to educate students with entry-level skills and knowledge in practical Special Effects (SFX) Make Up for the film and television industry. Students will participate in goal-oriented class projects including fabrication, material safety, use casting materials, professional make-up, sculpting, airbrushing, and design. A large emphasis will be placed on set etiquette including, but not limited to, attitude, professionalism and technique on and off set.

GFA 2060. GFA Production Accounting. 6-0-6 Units.
This course is designed to give students a broad understanding of Production Accounting and related production concepts. Students will learn the fundamentals of Production Accounting for the entertainment industry, including how to manage the finances on a production and maintain accurate records. This course will explain the relationship between the production accounting department, the producers, the production office and set. Practical experience will be created by the use of industry standard software.
Prerequisites: GFA 1000.
GFA 3140. Prof Asst Sound Engwr/ Avid P. 6-0-6 Units.
This course is designed to certify and equip students with a unique skillset and knowledge of the Digital Audio editorial process in order to facilitate their entry and advancement in the entertainment post production industry. Students will have the opportunity to certify as an “Avid Technology ProTools User.” More specifically, students learn and may certify in industry best practices for the digital audio process within an industry standard sound department. Upon successful completion of this course, the student will be ready to enter the film industry as a working digital audio technician and/or assistant digital audio technician. The student will have the opportunity to achieve globally recognized certification in Avid ProTools 100 level curriculum. Upon completion, students will have a broad base of knowledge that will allow him/her to integrate with a digital audio team from the first day. This knowledge includes, but is not limited to, the equipment, techniques, communications, specifications, etc. used in the digital audio department.

GFA 4040. Professional Editing-Post Prof. 6-0-6 Units.
Students who successfully complete this course and pass the embedded AVID Media Composer Professional Editing I (MC 200) and Media Composer Professional Editing II (MC 210) exams will earn the industry post production credential of “Avid Certified Professional in Media Composer.” With the step-by-step guidance from an Avid Certified Professional Instructor in this course, students will learn the skills needed to optimize editing workflows, streamline and ingest process and manage media. Students will learn advanced picture editing techniques, how to quickly prepare for multi-cam editing and how to work with graphics and mattes. This course also covers compositing with the 3D Warp effect, color correction and an in-depth look at some of the wide range of audio tools and effects included in Media Composer. Focusing on real world workflows, Media Composer Professional Editing takes students to a new and higher level of editing, providing an in-depth knowledge to distinguish as industry recognized, true editing professional.

General Studies, AA

Associate of Arts

This degree is designed for students undecided on a particular field of study or a career path, for students planning to pursue majors not offered at Dalton State, for students planning to transfer to private or out-of-state institutions, or for students wishing to earn the general associate’s degree only. The Associate of Arts in general studies provides students a solid foundation for further academic or professional achievement. For students planning to enter a baccalaureate degree program, coursework allows them to explore a variety of fields including psychology, history, literature, natural sciences, mathematics, and communication toward selection of an academic major of interest. For students preferring to enter the workforce, the acquisition of communication and interactive skills prepares them for successful careers in such diverse fields as management, health care, sales, and marketing. Whether pursuing academic or professional goals, students following the Associate of Arts in general studies program develop foundational knowledge and skills in communication, problem solving, and critical thinking that will enable them to be successful in whatever endeavors they engage.

Area A: Essential Skills

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<td>ENGL 1101</td>
<td>English Composition I</td>
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<td>ENGL 1102</td>
<td>English Composition II</td>
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<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
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<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<td>or MATH 1111</td>
<td>College Algebra</td>
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<td>or MATH 1401</td>
<td>Elementary Statistics</td>
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Area B: Institutional Options

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<th>Title</th>
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<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
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<td>One of the following electives:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<td>ENGL 1110</td>
<td>Creative Writing</td>
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<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one or two ENGL course(s):

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<th>Course</th>
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<td>ENGL 2000</td>
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<td>ENGL 2111</td>
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<td>ENGL 2112</td>
<td>World Literature II</td>
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<td>ENGL 2130</td>
<td>American Literature I</td>
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<td>ENGL 2131</td>
<td>American Literature II</td>
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<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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<td>If only one ENGL course is chosen, add one of the following:</td>
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<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
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<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 1110</td>
<td>World Music</td>
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<td>MUSC 1120</td>
<td>American Music</td>
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<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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Area D: Science/Mathematics/Technology

Lab Science Electives:

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<th>Course</th>
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<tbody>
<tr>
<td>ASTR 1010 &amp; 1010L</td>
<td>Astronomy of the Solar System and Astronomy of Solar Sys. Lab</td>
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<tr>
<td>ASTR 1020 &amp; 1020L</td>
<td>Stellar and Galactic Astronomy and Stellar &amp; Galac. Astronomy Lab</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<td>BIOL 1224K</td>
<td>Entomology</td>
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<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
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<td>CHEM 1211K</td>
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<td>GEOL 1121K</td>
<td>Principles of Geology</td>
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<td>GEOL 1122K</td>
<td>Historical Geology</td>
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<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
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</table>
PHYS 1111K Introductory Physics I
PHYS 1112K Introductory Physics II
PHYS 2211K Principles of Physics I
PHYS 2212K Principles of Physics II

One of the following electives: 3-4

ASTR 1010 Astronomy of the Solar System
ASTR 1020 Stellar and Galactic Astronomy
BIOL 1105K Environmental Studies
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
BIOL 1203K Principles of Botany
BIOL 1224K Entomology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
CMPS 1301 Principles of Programming I
CMPS 1302 Principles of Programming II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
GEOL 1131K Geology & the Environment
MATH 1113 Precalculus Mathematics
MATH 1401 Elementary Statistics
MATH 2181 Calculus
MATH 2253 Calculus and Analytic Geom I
MATH 2254 Calculus and Analytic Geom II
PHYS 1111K Introductory Physics I
PHYS 1112K Introductory Physics II
PHYS 2211K Principles of Physics I
PHYS 2212K Principles of Physics II

Area E: Social Sciences

HIST 2111 United States History to 1877 3
or HIST 2112 United States Hist since 1877 3
POLS 1101 American Government 3

Two of the following electives: 6

ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1101 Intro to Human Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877 3
HIST 2112 United States Hist since 1877 3
PHIL 1103 Intro to World Religions
PHIL 2010 Intro to Philosophical Issues
PHIL 2020 Logic and Critical Thinking
POLS 2101 Intro to Political Science
POLS 2201 State and Local Government
POLS 2301 Comparative Politics
POLS 2401 International Relations
PSYC 1101 Introduction to Psychology
PSYC 2101 Psychology of Adjustment
PSYC 2103 Human Development
SOCI 1101 Introduction to Sociology
SOCI 1160 Social Problems

Area F: Major Related: General Studies Option * 18

18 credit hours chosen from Areas B-F. Courses previously used to satisfy other Area B-F requirements cannot be shared here.

Please note that courses from Area B are one credit hour.

Physical Education

PHED Activity Elective 1

Total Hours 61-62

* MUSC 1080, 1090, 2600, and 2800 are repeatable with a maximum of 6 credit hours counted toward Area F.

General Studies, AS

Associate of Science

Designed for undecided students, students planning to pursue majors not listed in this catalog, students planning to transfer to private or out-of-state institutions, or students who wish to earn the general associate degree only. Students planning to transfer to another unit of the University System should decide on a major as early as possible.

Area A: Essential Skills

ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
MATH 1111 College Algebra 3

Area B: Institutional Options

COMM 1110 Fundamentals of Speech 3

Select one of the following: 1

COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See advisor)

Area C: Humanities/Fine Arts

MUST choose one to two ENGL course(s): 3-6

ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature

If only one ENGL course chosen, add one of the following: 0-3
PHED Activity Elective 1

**Medical Laboratory Technology**

**Associate of Applied Science**

A candidate for the Associate of Applied Science degree in Medical Laboratory Technology must follow the required procedure for admission to the College and, in addition, is required to:

1. Contact the MLT faculty to schedule an interview and a career interest/options guidance session. (Prospective MLT students who lack a strong science background may also be required to complete BIO 1107K before progressing further than MLTS 1101.) It is highly recommended that those who do not complete these requirements prior to starting the MLTS major field courses, but at least MATH 1111 and BIO 2213K.

2. Apply and be accepted to Dalton State College and meet all regular A.A.S. degree admission requirements.

3. Procure a physical examination form from the MLT department once accepted into the program, involving a background check and drug screen at the students cost. (Information distributed in MLTS 1101, Introduction to Health Sciences/Phlebotomy.)

4. Satisfactorily complete all chemistry requirements and clinical courses before beginning clinical practicum at an affiliated hospital.

5. Become acquainted with policies pertaining to college and hospital regulations as set forth in the MLT Student Handbook.

6. Achieve a 2.5 GPA on general education courses.

Students must complete all learning support, MATH 1111 and BIO 2213K prior to entering MLT major courses. It is highly recommended that most, if not all, pre-requisites be completed prior to enrolling in the BIOL 2213K program director before the clinical practicum begins. Students will be required to have up to date immunizations and obtain a TB skin test once accepted into the program. Additional requirements, after acceptance, may involve a background check and drug screen at the students cost. (Information distributed in MLTS 1101, Introduction to Health Sciences/Phlebotomy.)

Assignments are determined by the MLT faculty. Students are required to purchase liability insurance and appropriate uniforms for clinical practicum. Clinical facilities used by the program may require students to submit background checks and drug screenings before they are allowed in the facility. Based on the information obtained, these facilities can refuse student access. Failure to be accepted into clinical facilities may jeopardize the student’s ability to complete the program.

**MLT Technical Essentials**

These are the essential non-academic requirements of the MLT Program, “that the student must master to successfully participate in the program and become employable.”

MLT students must be able to meet the following essentials:

1. Ability to read and write legibly.
2. To see through a microscope accurately, to differentiate colors/stains/special stain reactions.

**Area D: Science/Mathematics/Technology**

Select one of the following Lab Science sequences: 8

- **BIOL 1107K** Principles of Biology I
- **& BIOL 1108K** and Principles of Biology II
- **CHEM 1211K** Principles of Chemistry I
- **& CHEM 1212K** and Principles of Chemistry II
- **GEOL 1121K** Principles of Geology
- **& GEOL 1122K** and Historical Geology
- **PHYS 1111K** Introductory Physics I
- **& PHYS 1112K** and Introductory Physics II
- **PHYS 2211K** Principles of Physics I
- **& PHYS 2212K** and Principles of Physics II

**MATH 1113** Precalculus Mathematics 3

**Area E: Social Sciences**

- **HIST 2111** United States History to 1877 3
- or **HIST 2112** United States History since 1877 3
- **POLS 1101** American Government 3

Select two of the following: 6

- **ANTH 1103** Intro to Cultural Anthropology
- **ECON 2105** Principles of Macroeconomics
- **ECON 2106** Principles of Microeconomics
- **GEOG 1100** Introduction to Geography
- **GEOG 1101** Intro to Human Geography
- **GEOG 1111** Intro to Physical Geography
- **HIST 2111** World Civilization to 1500 CE 3
- **HIST 2112** World Civilization since 1500 3
- **HIST 2111** United States History to 1877 3
- **HIST 2112** United States History since 1877 3
- **PHIL 1103** Intro to World Religions
- **PHIL 2100** Intro to Philosophical Issues
- **PHIL 2102** Logic and Critical Thinking
- **POLS 2101** Intro to Political Science
- **POLS 2201** State and Local Government
- **POLS 2301** Comparative Politics
- **POLS 2401** International Relations
- **PSYC 1101** Introduction to Psychology
- **PSYC 2101** Psychology of Adjustment
- **PSYC 2103** Human Development
- **SOCI 1101** Introduction to Sociology
- **SOCI 1160** Social Problems

**Area F: Major Related**

18 credit hours chosen from Areas B-F. Courses previously used to satisfy other Area B-F requirements cannot be shared here. Please note that courses from Area B are one credit hour.

**Physical Education**
Medical laboratory technologists and technicians typically do the following:

- Analyze body fluids, such as blood, urine, and tissue samples, and record normal or abnormal findings.
- Study blood samples for use in transfusions by identifying the number of cells, the cell morphology or the blood group, blood type, and compatibility with other blood types.
- Operate sophisticated laboratory equipment, such as microscopes and cell counters.
- Use automated equipment and computerized instruments capable of performing a number of tests at the same time.
- Log data from medical tests and enter results into a patient's medical record.
- Discuss results and findings of laboratory tests and procedures with physicians.
- Supervise or train medical laboratory technicians.

Both technicians and technologists perform tests and procedures that physicians and surgeons or other healthcare personnel order. However, technologists perform more complex tests and laboratory procedures than technicians do. For example, technologists may prepare specimens and perform manual tests that are based on detailed instructions, whereas technicians perform routine tests that may be more automated. Medical laboratory technicians usually work under the general supervision of medical laboratory technologists or laboratory managers.

Technologists in small laboratories perform many types of tests; in large laboratories, they generally specialize. The following are examples of types of specialized medical laboratory technologists:

- **Blood bank technologists, or immunohematology technologists**, collect blood, classify it by type, and prepare blood and its components for transfusions.
- **Clinical chemistry technologists** prepare specimens and analyze the chemical and hormonal contents of body fluids.
- **Cytotechnologists** prepare slides of body cells and examine these cells with a microscope for abnormalities that may signal the beginning of a cancerous growth.
- **Immunology technologists** examine elements of the human immune system and its response to foreign bodies.
- **Microbiology technologists** examine and identify bacteria and other microorganisms.
- **Molecular biology technologists** perform complex protein and nucleic acid tests on cell samples.

Like technologists, medical laboratory technicians may work in several areas of the laboratory or specialize in one particular area. For example, histotechnicians cut and stain tissue specimens for pathologists, that are doctors that study the cause and development of diseases at a microscopic level.

Technologists and technicians often specialize after they have worked in a particular area for a long time or have received advanced education or training in that area.

**Work Environment**

Medical laboratory technologists operate sophisticated laboratory equipment such as microscopes and cell counters.

**Prospective MLT students:**

**Application Process:**

1. Meet all regular A.A.S. degree admission requirements for the college.
2. Satisfactorily complete all general education courses prior to starting the MLT major career courses.
3. Achieve a 2.5 GPA on general education courses and maintain ‘80’ or better in major courses.
4. The MLT faculty will contact applicant to schedule an interview (May) and a career interest/options guidance session. (Prospective MLT students who lack a strong science background may also be required to complete BIOL 1107K and BIOL 2212K.)
5. Submit program Health Career Data Sheet Technical Evaluation Form. Submission Deadline April 1 for Fall admission. Interviews set up May, before Fall semester.
6. Become acquainted with policies pertaining to college and hospital regulations as set forth in the MLT Student Handbook once accepted into the MLT program.

Once accepted into the MLT program, students are required to procure a physical examination form from the MLT department and have a personal physician complete it (distributed in the MLTS 1101 course), and forward the completed form to the MLT program director before the clinical practicums begin. Students are required to submit a background check and drug screen prior to attending any clinical portion at any clinical affiliate (once accepted into the program). Additional costs for the student include requirements for malpractice insurance, uniform(s), and name tag.

All admissions documents (including Health Career Data Sheet, background check results, drug screening results) must be received by the program director prior to enrollment in the MLT major course beyond MLTS 1101. Admission documents deadline is APRIL 1 for a fall cohort. Extensions of application documents deadline are made on a situational basis.

Students meeting the MLT requirements are not guaranteed admission to the Medical Laboratory Technology program. Program enrollment is limited (12-15) and competitive. Those students meeting MLT requirements and completing all program admission assessments and documents will be evaluated by the faculty of the MLT program with the most qualified students being selected.

The MLT program is a full-time commitment consisting of class and practicum Monday-Friday 7:30 a.m.-4:30 p.m. (mainly) for 3 semesters once starting the MLT major courses. Any change in the scheduled courses must be approved by the MLT faculty. (Example: failure to proceed as scheduled due to course failure or extended illness.) Students who fail a MLT course (make less than a ‘B’, which is a score less than an 80) may repeat the course only once. Students who fail a MLT course a second time or who fail two MLT courses, make less
than a 'B'= 80 within a single or one semester will not be eligible for continuation of the program.

Applicants will be ranked by points using information the applicant provides to the MLT Program. Ranking will be based on GPA. Completion of MLTS 1101 (not required) and grade in the MLTS 1101 course, Course Grade(s) for Math/Science General Education courses, Course Grades for Non-Science/Math General Education courses, additional courses completed with grades of B or higher (up to limit of 4 courses: Biology, Chemistry, Math and Reference Score). Selection is based on total qualifying score in rank order from the highest until admission quota is reached.

All documentation must be submitted to be included in the point system by application deadline. All information is kept confidential.

The DSC Medical Laboratory Program is an accredited and approved program by NAACLS (National Accrediting Agency for Clinical Laboratory Sciences): 5600 N. River Rd.

Phone Number: 847.939.3597, 773.714.8880, 773.714.8886 (FAX)
info@naacls.org
http://www.naacls.org

The DSC MLT Program Outcome

One of the Clinical Laboratory Science Program outcomes is placement of graduates in the workforce; the pass rate for those that sit for the ASCP registry and graduation rate. An acceptable placement for a graduate is if they begin working as a Medical Technologist/Medical Laboratory Scientist (MLS) or continue on with their education. A total of 10 MLT A.A.S. students graduated in December 2019 (January 1 -December 31, 2019). The job placement of these graduates was 100% either part-time or full time employment within 3-6 month after graduation. As for The ASCP registry, all 10 graduates sat for the ASCP registry in the 2019 testing year. The Dalton State College students achieved 90% pass rate (national pass rate 89%) with a minimum program score of 552 compared to the national minimum score of 497. Graduation rate for 2019; number of students midpoint 10; number of program score of 552 compared to the national minimum score of 497.

MLT PROGRAM PROSPECTIVE STUDENT SCHEDULE:

Any learning support courses must be completed prior to beginning pre-requisite courses.

MLTS 1101(Fall II) is required prior to beginning MLT major courses (Spring II). It is highly recommended that students take BIOL 1107K and BIOL 2212K prior to enrolling in the BIOL 2213K. Based on Science background, BIOL 1107K and BIOL 2212K may be necessary.

Option 1 Beginning Freshman

(Student must have permission to take BIOL 2213K without the BIOL 2212K pre-req.)

<table>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<td>MATH 1111</td>
<td>College Algebra</td>
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<td>POLS 1101</td>
<td>American Government</td>
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<tr>
<td>HIST 2111</td>
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<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
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<th>Spring I</th>
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MLT courses after completion of pre-req's courses

Students must complete all learning support and all pre-req's prior to beginning MLT Major courses beyond MLTS 1101. MLTS 1101 is required prior to beginning MLT major courses. It is highly recommended that students take BIOL 1107 and BIOL 2212 prior to enrolling in the BIOL 2213 based on Science background.

<table>
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<tr>
<th>FALL II</th>
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<tbody>
<tr>
<td>MLTS 1101</td>
<td>Intro to Health Sci/Phlebotomy</td>
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<tr>
<td>BIOL 2213K</td>
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<td>BIOL 2212K</td>
<td>Anatomy and Physiology II (*)</td>
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Any pre-req's required: All pre-req's must be completed by the end of the semester enrolled in the MLTS 1101 course and acceptance in the MLT program prior to proceeding forward in the MLT major courses.

<table>
<thead>
<tr>
<th>SPRING II</th>
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<tr>
<th>FALL II</th>
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<tbody>
<tr>
<td>MLTS 1103</td>
<td>Hematology/Coagulation I</td>
<td>3</td>
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<tr>
<td>MLTS 1118</td>
<td>Instrumentation/Computer Appli</td>
<td>3</td>
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<tr>
<td>MLTS 2218</td>
<td>Microbiology</td>
<td>4</td>
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</tr>
<tr>
<td>MLTS 1190</td>
<td>MLT Clinical Practicum I</td>
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</table>
MLTS 1107  Clinical Chemistry (Tentative subject to change based on the student enrollment and requirements to complete the program. Bases on student’s needs and courses that are needed.) 4

FALL III
MLTS 1104  Hematology/Coagulation II 3
MLTS 1105  Serology/Immunology 3
MLTS 1106  Blood Bank 3
MLTS 1112  Urinalysis/Parasitology 3

SPRING III
MLTS 1191  MLT Clinical Practicum II 1
MLTS 2290  MLT Clinical Practicum III 12

SUMMER III
MLTS 2291  MLT Clinical Practicum IV 4

Transfer students: (Students that have all pre-req’s)

MLT courses after completion of pre-req courses

Students must complete all learning support and all pre-req’s prior to beginning MLT Major (Spring II) courses beyond MLTS 1101. MLTS 1101 is required prior to beginning MLT major courses. It is highly recommended that students take BIOL 1107 and BIOL 2212 prior to enrolling in the BIOL 2213 based on Science background.

FALL II
MLTS 1101  Intro to Health Sci/Phlebotomy 3
All pre-req’s must be completed by the end of the semester enrolled in the MLTS 1101 course and acceptance in the MLT program prior to proceeding forward in the MLT major courses.

SPRING II
MLTS 1103  Hematology/Coagulation I 3
MLTS 1118  Instrumentation/Computer Appli 3
MLTS 2218  Microbiology 4
MLTS 1190  MLT Clinical Practicum I 1
MLTS 1107  Clinical Chemistry 4

FALL III
MLTS 1104  Hematology/Coagulation II 3
MLTS 1105  Serology/Immunology 3
MLTS 1106  Blood Bank 3
MLTS 1112  Urinalysis/Parasitology 3

SPRING III
MLTS 1191  MLT Clinical Practicum II 1
MLTS 2290  MLT Clinical Practicum III 12

SUMMER III
MLTS 2291  MLT Clinical Practicum IV 4

For more information contact:
Tyra Stalling, BSMT, MLS (ASCP), M.S.H.S
Program Director of Medical Laboratory Technology and Phlebotomy
Dalton State College
650 College Drive

Dalton, Ga. 30720
tstalling@daltonstate.edu
706-272-2508

Or
Doris Shoemaker
Educational Coordinator of Medical Laboratory Technology and Phlebotomy
Dalton State College
650 College Drive
Dalton, Ga. 30720
dshoemaker@daltonstate.edu
706-272-4512

MEDICAL LABORATORY TECHNOLOGY
Associate of Applied Science

This degree requires proof of computer literacy.

General Education
BIOL 2213K  Anatomy and Physiology II 4
CHEM 1211K  Principles of Chemistry I 4
COMM 1110  Fundamentals of Speech 3
ENGL 1101  English Composition I 3
ENGL 1102  English Composition II 3
HIST 2111  United States History to 1877 3
or HIST 2112  United States Hist since 1877 3
MATH 1111  College Algebra 3
POLS 1101  American Government 3

Major Field Courses
MLTS 1101  Intro to Health Sci/Phlebotomy 3
MLTS 1103  Hematology/Coagulation I 3
MLTS 1104  Hematology/Coagulation II 3
MLTS 1105  Serology/Immunology 3
MLTS 1106  Blood Bank 3
MLTS 1107  Clinical Chemistry 4
MLTS 1112  Urinalysis/Parasitology 3
MLTS 1118  Instrumentation/Computer Appli 3
MLTS 1190  MLT Clinical Practicum I 1
MLTS 1191  MLT Clinical Practicum II 1
MLTS 2218  Microbiology 4
MLTS 2290  MLT Clinical Practicum III 12
MLTS 2291  MLT Clinical Practicum IV 4

Physical Education
PHED Activity Elective 1

Total Hours 74

- Successful completion of all MLTS major field courses with a “B” (80) or better is required.
- MLTS major field courses can be repeated a maximum of one time.
courses

MLTS 1101. Intro to Health Sci/Phlebotomy. 3-1-3 Units.
The student is introduced to the health sciences environment and language. The hospital as an organization is discussed, as well as the role of each major department. The concepts, personnel, and work flow of the clinical laboratory is discussed in detail, as an example of health care application. Other topics include professional ethics, regulatory agencies, legal concepts as applied to confidentiality and patients rights, infection control, and safety. Students will learn venipuncture/capillary puncture techniques, equipment, application, and specimen processing. Enrollment islimited to students of the Medical Laboratory or Phlebotomy programs. (Career Course)

MLTS 1102. Phlebotomy Clinical Practicum. 1-11-5 Units.
Students receive clinical application of the venipuncture and micropuncture skills learned in MLTS 1101. Five days per week students are assigned to an area hospital where they work under the direct supervision of a preceptor. Students return to campus one afternoon per week for problem-solving and review. (Career Course)
Prerequisites: ALHT 1130, CAPS 1101, MLTS 1101, and BIOL 1100 with a grade of C or better.

MLTS 1103. Hematology/Coagulation I. 2-0-3 Units.
Introduces the fundamental formation of normal blood cells and some disease states related to hematopoiesis. Safety and quality control are also included throughout the course. Instrumentation relating to hematology is introduced. (Career Course)

MLTS 1104. Hematology/Coagulation II. 2-2-3 Units.
Coagulation and related diseases, instrumentation relating to coagulation, critical level, blood cell dyscrasias, special stains, leukemias/lymphomas, flow cytometry, safety and quality control are covered. (Career Course)
Prerequisites: MLTS 1103.

MLTS 1105. Serology/Immunology. 2-2-3 Units.
Introduces the fundamental theory and techniques applicable to serology and immunology practice in the clinical laboratory. Topics include: immune system, antigen and antibody reactions, common clinical applications, serological/microbiological applications, common serological techniques, and safety and quality control. (Career Course)
Prerequisites: BIOL 2215K or BIOL 2213K.

MLTS 1106. Blood Bank. 2-2-3 Units.
Provides an in-depth study of immunohematology principles and practices as applicable to medical laboratory technology. Topics include: genetic theory and clinical implications, immunology, donor collection, pre-transfusion testing, management of disease statistics, and safety and quality control. (Career Course)
Prerequisites: BIOL 2215K or BIOL 2213K.

MLTS 1107. Clinical Chemistry. 3-2-4 Units.
Develops concepts and techniques of clinical chemistry applicable to medical laboratory technology. Topics include: carbohydrates, electrolytes and acid-base balance, nitrogenous compounds, enzymes and endocrinology, bilirubin metabolism, lipids, toxicology and therapeutic drug monitoring, and safety and quality control. (Career Course)
Prerequisites: CHEM 1211K.

MLTS 1112. Urinalysis/Parasitology. 2-2-3 Units.
Provides theory and techniques of urinalysis. Urinalysis topics include: significance, correlation to disease states, physical, chemical and microscopic urinalysis theory and practice. Selected types of other body fluids will be discussed to discover their significance and uses in disease correlation. This class also introduces concepts and techniques used in the identification of selected human parasites. (Career Course)

MLTS 1118. Instrumentation/Computer Appli. 2-2-3 Units.
Clinical Laboratory provides an introduction to basic physics concepts used in clinical laboratory instrumentation. Examines, in detail, selected equipment in the laboratory representing the principles of cell counting, spectrophotometry, continuous-flow analysis, and radioimmunoassay. Computer concepts, applications, and interfacing with laboratory instrumentation is introduced. Satisfies the computer literacy requirement. (Career Course)
Prerequisites: MLTS 1101, MLTS 1103, and MLTS 1105.

MLTS 1190. MLT Clinical Practicum I. 0-3-1 Unit.
Introduces Medical Laboratory Technician students to the hospital environment. Students gain experience with venipuncture and micropuncture techniques while working under the direction of a hospital preceptor. (Career Course)
Prerequisites: MLTS 1101 or permission of instructor.

MLTS 1191. MLT Clinical Practicum II. 0-3-1 Unit.
Resumes the clinical experience begun in Medical Laboratory Technology 1190. Students rotate through selected departments in the clinical laboratory to apply and complement concepts and applications learned in previous Medical Laboratory Technology courses. Introduces students to problem solving at the clinical level. (Career Course)
Prerequisites: MLTS 1101, MLTS 1104, MLTS 1105, MLTS 1190.

MLTS 2218. Microbiology. 2-4-4 Units.
Introduces fundamental clinical microbiology theory and techniques applicable to disease state identification. Topics include: isolation techniques, biochemical techniques, anti-microbial sensitivity, safety and quality control, and disease processes. (Career Course)
Prerequisites: BIOL 2215K or BIOL 2213K.

MLTS 2290. MLT Clinical Practicum III. 1-32-12 Units.
Full-time supervised experience in an affiliated clinical laboratory. Students will rotate among designated laboratory sections where they will work side by side with, and be under the supervision of, medical technologists and the laboratory director, to develop professional skills in the practice of medical laboratory technology. (Career Course)

MLTS 2291. MLT Clinical Practicum IV. 0-12-4 Units.
Full-time supervised experience in an affiliated clinical laboratory. Students will rotate among designated laboratory sections where they will work side by side with, and be under the supervision of medical technologists and the laboratory director, to develop professional skills in the practice of medical laboratory technology. (Career Course)
Prerequisites: MLTS 2290 with a grade of C or better.
General Studies, Physics/Pre-Engineering Pathway

Associate of Science

Students completing the associates of science degree in physics/pre-engineering at Dalton State College may transfer to one of the five REPP (Regents Engineering Pathway Program) institutions within the university system of Georgia. These institutions are as follows: Georgia Institute of Technology, Kennesaw State University, Georgia Southern University, Mercer University and the University of Georgia. Each student must complete all required courses as specified by the institution before successfully transferring. REPP students will complete the first two years of the engineering degree at Dalton State College before transferring to one of the REPP institutions to complete the Bachelor of Science Degree in Engineering.

This degree requires proof of computer literacy. REPP (Regent’s Engineering Pathway Program) should follow this program of study. For more information about the REPP program, see /programs/#regentsengineeringtransferprogram (p.).

Area A: Essential Skills

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
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<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
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Area B: Institutional Options

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<td>COMM 1110</td>
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<td>One of the following electives:</td>
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<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<td>ENGL 1110</td>
<td>Creative Writing</td>
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<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<td>HIST 1050</td>
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<td>HIST 1051</td>
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<td>HLTH 1030</td>
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<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>HUMN 1100</td>
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<td>HUMN 1300</td>
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<td>SOCI 1000</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<td>ENGL 2121</td>
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<td>ENGL 2131</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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If only one ENGL course chosen, add one of the following: 0-3

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<thead>
<tr>
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<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
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<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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Area D: Science/Mathematics/Technology

<table>
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<tr>
<td>MATH 2254</td>
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<tr>
<td>PHYS 2211K &amp; PHYS 2212K</td>
<td>Principles of Physics I and Principles of Physics II</td>
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Area E: Social Sciences

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<tr>
<td>HIST 2111</td>
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<td>HIST 1111</td>
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<td>HIST 1112</td>
<td>United States History since 1500</td>
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<td>POLS 1103</td>
<td>Intro to World Religions</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<tr>
<td>POLS 2101</td>
<td>Intro to Political Science</td>
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<td>POLS 2201</td>
<td>State and Local Government</td>
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<td>POLS 2301</td>
<td>Comparative Politics</td>
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<td>POLS 2401</td>
<td>International Relations</td>
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<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
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<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<td>PSYC 2103</td>
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<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<td>SOCI 1160</td>
<td>Social Problems</td>
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Area F: Major Related

Sixteen hours of elective credit: 16

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<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
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<tr>
<td>ASTR 1010L</td>
<td>and Astronomy of Solar Sys. Lab</td>
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<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
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<tr>
<td>ASTR 1020L</td>
<td>and Stellar &amp; Galac. Astronomy Lab</td>
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<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<td>CMPS 1301</td>
<td>Principles of Programming I</td>
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<td>CMPS 1302</td>
<td>Principles of Programming II</td>
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<td>CMPS 1371</td>
<td>Computing for Scien &amp; Engineer</td>
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<td>ENGR 1105</td>
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<td>ENGR 2240</td>
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<tr>
<td>MATH 2255</td>
<td>Calculus and Analytic Geom III</td>
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</table>
**Computer Science Courses**

**CMPS 1301. Principles of Programming I. 3-0-3 Units.**
Introduces the principles of computer programming. Emphasis is on the design and teaching of correct well-structured algorithms using appropriate control structures with simple data types and data structures. (F,S)
Prerequisites: MATH 1111.

**CMPS 1302. Principles of Programming II. 3-0-3 Units.**
This course continues the development of program design using a modern object-oriented language. (S)
Prerequisites: CMPS 1301.

**CMPS 1371. Computing for Sci & Engineer. 3-0-3 Units.**
Introduces skills and concepts which are needed to use the computer in scientific and engineering work. Topics include design and analysis of algorithms, methods and techniques of scientific computation, and the organization of software. (F,S)
Corequisites: MATH 2253.

**CMPS 2313. Intro to Software Engineering. 3-0-3 Units.**
This course will develop students’ ability to apply a systematic, engineering approach to the development of software systems. Software development process will explore software development life cycles, requirements elicitation, architectural design, design decomposition, implementation, and testing. The course teaches students about modern techniques available for performing activities in each of these areas. (S)
Prerequisites: CMPS 2253.

**CMPS 2720. Data Structures. 3-0-3 Units.**
The design, analysis, implementation and evaluation of the fundamental structures for representing and manipulating data. Structures include collections, lists, linked lists, stacks, queues, trees, heaps, tables. (F)
Prerequisites: CMPS 1301.

**CMPS 2900. Special Topics in Comp Science. 0-0-1-3 Unit.**
Variable 1-3 hours. Special topics in computer science are presented, the content varies with the topic. This course may be repeated for credit when topic differs. (Offered As Needed) Prerequisite: Permission of Instructor

**Mathematics Courses**

**MATH 0996. Support for Elem Statistics. 2-0-2 Units.**
This Learning Support course provides co-requisite support in mathematics for students enrolled in MATH 1401 – Elementary Statistics. Topics will parallel topics being studied in MATH 1401 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1401. Taken with MATH 1401, this course provides an introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Emphasis is on the mathematical foundations for statistics.

**MATH 0997. Support Quantitative Skill/Rea. 2-0-2 Units.**
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1001 – Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data. (F,S)
Corequisites: MATH 1001 Quantitative Reasoning.

**MATH 0998. Support for Math Modeling. 2-0-2 Units.**
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1101 – Introduction to Mathematical Modeling. Topics will parallel topics being studied in MATH 1101 and the course will provide support for essential quantitative skills needed to be successful in MATH 1101. Taken with MATH 1101, this course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Corequisites: MATH 1101 Introduction to Mathematical Modeling.

**MATH 0999. Support for College Algebra. 2-0-2 Units.**
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. (F,S,M) MATH 1111 College Algebra.

**MATH 1001. Quantitative Skills/Reasoning. 3-0-3 Units.**
This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequence for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. (F,S)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

**MATH 1101. Intro to Mathematical Modeling. 3-0-3 Units.**
This course is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequences for mathematics and science majors. This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of linear, polynomial, exponential, and logarithmic functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.
MATH 1104. Applied Mathematics. 3-0-3 Units.
Topics include arithmetic, elementary algebra, geometry, measurement, and elementary trigonometry. (Career Course)(F,S,M)
Prerequisites: MATH 0990 unless exempt for learning support mathematics.

MATH 1111. College Algebra. 3-0-3 Units.
Provides immediate transition from high school algebra into calculus and physics. Material goes beyond that normally covered in Mathematics 1111. Algebra topics include linear, quadratic equations, functions and graphing, exponential and logarithmic functions. Trigonometry topics include trigonometric functions and inverse, law of sines, law of cosines and identities. For students planning to take calculus and/or physics. (F,S,M)
Prerequisites: MATH 1111.

MATH 1113. Precalculus Mathematics. 3-0-3 Units.
Prerequisites: MATH 0998 and MATH 1101 if not eligible for MATH 0999. Corequisites: MATH 0999 unless exempt from learning support.

MATH 111. Precalculus Mathematics. 3-0-3 Units.
Provides immediate transition from high school algebra into calculus and physics. Material goes beyond that normally covered in Mathematics 1111. Algebra topics include linear, quadratic equations, functions and graphing, exponential and logarithmic functions. Trigonometry topics include trigonometric functions and inverse, law of sines, law of cosines and identities. For students planning to take calculus and/or physics. (F,S,M)
Prerequisites: MATH 1111.

MATH 1401. Elementary Statistics. 3-0-3 Units.
Prerequisites: MATH 1101.
Introduces the student to topics in probability, probability distributions, point estimation, confidence intervals, hypothesis testing, and other selected statistical topics. Pre-requisite: MATH 2256 and Co-requisite: MATH 2254.

MATH 2008. Found of Numbers & Operations. 3-0-3 Units.
This course will emphasize the understanding and use of the major concepts of number and operations. Topics include problem-solving strategies; inductive and deductive reasoning; numeration systems and place value; operations and algorithms; identity elements and inverse operations; rational and irrational numbers; integers and number theory; special sets of numbers; exponents and decimals; ratios, percent's, and proportional reasoning.(F,S)
Prerequisites: MATH 1101, MATH 1111, or MATH 1113.

MATH 2181. Applied Calculus. 3-0-3 Units.
Surveys differential and integral calculus of polynomial, rational, exponential and logarithmic functions. Detailed applications to problems and concepts from business, economics and life science are covered. (F,S,M)
Prerequisites: MATH 1111, MATH 1101, or MATH 1113 with a grade of C or better.

MATH 2253. Calculus and Analytic Geom I. 4-0-4 Units.
Includes topics limits and continuity, derivatives and their applications and an introduction to the concept of the integral. The first in a four course sequence in Calculus. Prerequisite: MATH 1113 or satisfactory mathematics scores of SAT 600/ACT 26 and one year of high school trigonometry.(F,S,M)
Prerequisites: MATH 1113.

MATH 2254. Calculus and Analytic Geom II. 4-0-4 Units.
Emphasizes the definite integral and its applications, the calculus of trigonometric, exponential, logarithmic, hyperbolic and inverse functions, techniques of integration, improper integrals, L'Hopital's Rule, infinite series and conic sections. The second course in the Calculus sequence. (F,S,M)
Prerequisites: MATH 2253.

MATH 2255. Calculus and Analytic Geom III. 4-0-4 Units.
Emphasizes calculus in three dimensions. Topics include vectors, parametric equations, partial derivatives, multiple integrals and their applications and topics in vector calculus. The third course in the Calculus sequence.(F,S,M)
Prerequisites: MATH 2254.

MATH 2256. Introduction to Linear Algebra. 3-0-3 Units.
Introduces low-dimensional linear algebra through eigenvalues and eigenvectors. Applications to linear systems, least-square problems, and the calculus, including elementary differential equations.(F,S,M)
Prerequisites: MATH 2253.
Corequisites: MATH 2254.

MATH 2403. Differential Equations. 3-2-4 Units.
A study of differential equations, including first and higher order equations, linear and nonlinear systems of equations, numerical methods to approximate solutions, using Laplace transforms to determine solutions, and methods that yield infinite series solutions.(F,S,M)
Prerequisites: MATH 2254 and Co-requisite: MATH 2256.

MATH 2602. Linear & Discrete Mathematics. 3-2-4 Units.
Explores topics in linear algebra, induction, combinatorics, difference equations, and multivariate optimization with an emphasis on discrete and recursive methods.(F,S)
Prerequisites: MATH 2255.

MATH 2770. Statistics and Applications. 3-0-3 Units.
Introduces the student to topics in probability, probability distributions, point estimation, confidence intervals hypothesis testing, linear regression and analysis of variance.(F,S,M)
Prerequisites: MATH 2255.

MATH 3050. Biological Statistics. 3-0-3 Units.
Advanced concepts in statistics are introduced. Topics include experimental design, hypothesis testing, t-test, z-test, chi-squared test, regression, ANOVA, and non-parametric methods. (F) Pre-requisite: MATH 2200 or 1401.

MATH 3101. Intro to Advanced Mathematics. 3-0-3 Units.
Preparation in mathematical reasoning and proof-writing necessary for upper division course work in mathematics. Topics include logic, integers and induction, sets and relations, equivalence relations and partitions, and functions.(S)
Prerequisites: MATH 2254.

MATH 3201. Geometry. 3-0-3 Units.
An introduction to Euclidean and non-Euclidean geometries developed with the study of constructions, transformations, applications, and the rigorous proving of theorems.(F)
Prerequisites: MATH 3101.
MATH 3301. Combinatorics. 3-0-3 Units.
Basic counting principles: permutations, combinations, probability, occupancy problems, and binomial coefficients. More sophisticated methods include generating functions, recurrence relations, inclusion/exclusion principles, and the pigeonhole principle. Additional topics include asymptotic enumeration, Polya counting theory, combinatorial designs, coding theory, and combinatorial optimization. (Spring Odd Years)
Prerequisites: MATH 2256.

MATH 3401. Linear Algebra. 3-0-3 Units.
Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality. (Spring Even Years)
Prerequisites: MATH 2256.

MATH 3703. Geometry for P-8 Teachers. 3-0-3 Units.
Continues MATH 2008, with emphasis for teachers of grades P-8. Logic; real numbers; basic and transformational geometry; measurement, including the metric system; problem solving; methods and materials for teaching mathematics at the P-8 level. (S,M)
Prerequisites: MATH 2008.

MATH 3803. Algebra for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on understanding the fundamental concepts of algebra with particular attention to specific methods and materials of instruction. (F,S)
Prerequisites: MATH 2008.

MATH 3900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. Course may be repeated for credit when topic differs. Pre-requisite: MATH 2253 Calculus and Analytic Geometry I and Permission of Instructor. (Offered As Needed).

MATH 4001. History of Mathematics. 3-0-3 Units.
Examines major developments, central themes, and important issues in mathematics throughout history. Undertakes an overview of the historical development of the discipline by focusing on specific theories, problems, and results. (F)
Prerequisites: MATH 2254.

MATH 4101. Abstract Algebra I. 3-0-3 Units.
An axiomatic approach to algebraic structures. Topics include groups, permutations, homomorphisms, and factor groups. (F)
Prerequisites: MATH 3101.

MATH 4102. Abstract Algebra II. 3-0-3 Units.
Examines the central concepts of ring theory and field theory. Topics include modules, Galois theory, integral domains, and advanced linear algebra. Strongly recommended for students intending to complete a graduate degree in mathematics. (S)
Prerequisites: MATH 4101.

MATH 4201. Number Theory. 3-0-3 Units.
A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, and continued fractions. (S)
Prerequisites: MATH 3101.

MATH 4301. Graph Theory. 3-0-3 Units.
Elementary theory of graphs and digraphs. Topics include connectivity, reconstructions, trees, Euler's problem, hamiltonicity, network flows, planarity, node and edge colorings, tournaments, matchings, and extremal graphs. A number of algorithms and applications are included. (F)
Prerequisites: MATH 3101.

MATH 4401. Operations Research. 3-0-3 Units.
Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming. (S)
Prerequisites: MATH 2256.

MATH 4502. Statistics for Process Control. 3-0-3 Units.
Introduces application techniques used in quality/process control with particular application to area industries. Topics include probability, sampling distributions, control charts for variables and attributes, lot-by-lot sampling plans, acceptance sampling for variables, elementary reliability calculations, and an introduction to the concept of quality costs. (Spring Even Years As Needed)
Prerequisites: MATH 2181 or MATH 2253 and MATH 1401 or MATH 2200 or MATH 4701 or BUSA 2850.

MATH 4511. Numerical Analysis I. 3-0-3 Units.
Prerequisites: CMPS 1301 or CMPS 1371.

MATH 4512. Numerical Analysis II. 3-0-3 Units.
Numerical solutions of systems of linear equations, numerical computations of eigenvalues and eigenvectors, error analysis. Written programs using the algorithms. (S)
Prerequisites: MATH 2256 and CMPS 1301 or CMPS 1371.

MATH 4601. Real Analysis I. 3-2-4 Units.
Develops a rigorous approach to functions of a real variable. Topics include limits, continuous functions, differentiation, and Riemann integration. (F)
Prerequisites: MATH 2255 and MATH 3101.

MATH 4602. Real Analysis II. 3-0-3 Units.
Continuous and rigorous approach to functions with an emphasis on functions in higher dimensions, including derivatives and integrals in n-dimensional Euclidean space. (S)
Prerequisites: MATH 4601.

MATH 4611. Complex Analysis. 3-0-3 Units.
Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping. (Summer)
Prerequisites: MATH 2255.

MATH 4701. Probability and Statistics I. 3-0-3 Units.
Sampling distributions, Normal, t, chi-square and F distributions. Moment generating function methods, Bayesian estimation and introduction to hypothesis testing. (F)
Prerequisites: MATH 2255.

MATH 4702. Probability and Statistics II. 3-0-3 Units.
Hypothesis testing, likelihood ration tests, nonparametric tests, bivariate and multivariate normal distributions. (S)
Prerequisites: MATH 4701.

MATH 4713. Prob & Stat for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on the fundamental concepts of probability and statistics with particular attention to specific methods and materials of instruction. (F,S,M)
Prerequisites: MATH 2008.

MATH 4800. Topology. 3-0-3 Units.
This course develops the concepts of open and closed sets, topological spaces, bases, subspaces, continuous functions, homeomorphisms, connected spaces and compact spaces. (F)
Prerequisites: MATH 3101.
MATH 4850. Mathematical Finance. 3-0-3 Units.
Introduces finance concepts from a mathematical perspective. Topics include the theory of pricing derivatives, the Black-Scholes model for pricing options, portfolio optimization, and capital asset pricing models. Prerequisites: MATH 2770 or MATH 4701 with a grade of C or better on either math course.

MATH 4860. Internship In Mathematics. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (F,S,M). Prerequisites: Permission of department chair.

MATH 4900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1-3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. The course may be repeated for credit when topic differs. Pre-requisite: MATH 3101 Intro to Advanced Mathematics and 2 additional upper level Mathematics courses excluding MATH 3703, 3803, and 4713. Approval of the Instructor is required before registration. (As Available)

MATH 4960. Research in Mathematics. 0-0-1-3 Unit.
Students will select a research topic, complete a written research proposal, and in association with a faculty mentor, execute the research plan. This course affords interested junior and senior students an opportunity to participate in a basic research experience with a member of the department faculty. The student will prepare both written and oral presentations of the work, and where appropriate, will be encouraged to make presentations at professional meetings or submit work to a journal for publication. (Dept. Chair Approval) (F,S,M as available)
Prerequisites: Permission of the faculty mentor.

Radiologic Technology Program (AAS)

Associate of Applied Science in Radiologic Technology

This limited enrollment program prepares students for potential employment in radiology imaging, which requires a degree in addition to certification as a Registered Radiologic Technologist (RT(R)). Admission to this program is competitive and applicants must meet program admission requirements in addition to Dalton State College admission requirements for degree students. The Dalton State College Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). For accreditation concerns, the JRCERT may be contacted at the following address:

JRCERT
20 N. Wacker Dr., Ste. 2850
Chicago, IL 60606-3182
Tel: (312) 704-5300; Email: mail@jrcert.org

Admission Procedures
1. One class (of 17-18 students) is selected to begin the professional field courses from the applicant pool. The final selection for the class is completed in April with the class beginning radiology courses in the Summer Semester. The program runs consecutively for six semesters. Program applications are available from June 1 - November 1. All admission documents (including application, background check results, medical drug screening results) must be received by the program between June 15 - November 15. Interested persons should contact the program at (706) 272-4567 or (706) 272-2605. To obtain a program application, contact Holly Miller Sampson hmiller@daltonstate.edu or phone (706) 272-4567. More program information can be found in the Radiologic Technology web page at: https://www.daltonstate.edu/academics/radiologic-technology.cms
2. Students meeting the pre-rad tech requirements are not guaranteed admission to the Radiologic Technology program. Program enrollment is limited and competitive. Those students meeting pre-rad tech requirements and completing all program admission assessments and documents will be evaluated by the faculty of the Radiologic Technology program with the most qualified students being selected. Applicants are required to follow the Phases of Admission as listed in #3 below.
3. General admission procedures are

Phase I:

• Acceptance to Dalton State College (DSC) to assure acceptance for spring semester per DSC catalog.
• Submit official college transcripts to the program if student attended colleges other than DSC.
• Minimum cumulative college Grade Point Average (GPA) of 2.00/4.00.
• Completion (or near completion) of the A.A.S. Degree pre-program college courses (see #4 below).
• Complete and return promptly: program application; technical skills statement; all (3) reference forms; drug screen; medial form; verification of dental check-up, hearing, and vision; current immunization record, two (2 step) TB skin tests; two validations of MMR; two validations of Varicella or titer; proof of current Flu vaccine; and criminal background check.
• Program Application and other admission documents deadline is November 15th. Extensions of application documents deadline are made on a situational basis.
• Once program application has been received and eligibility has been determined by the faculty, the applicant will be contacted by the Clinical Coordinator to discuss and schedule clinical apprenticeship hours (see #7 below for specific details of apprenticeship). There are a limited number of apprenticeship slots available.

Phase II:

• Complete 20-40 hours of pre-program clinical apprenticeship as scheduled by the program faculty once academic eligibility is satisfied and all admission documents have been received by the program.
• Applications received in the latter part of the due date deadlines may only be able to obtain minimum hours of apprenticeship.

Phase III:

• Attend Application Orientation Day (scheduled in February/March) and take program admission assessments.

Phase IV:

• Program Interview: Applicants with the highest admission points after program admission tests are graded will be contacted to schedule a program interview. Applicant interviews will not be scheduled if all admission documents have not been received by the program.

Phase V:
• All applicants will be notified of their admission status. Accepted students will begin the program Summer semester.

4. Specific pre-program (pre-rad tech) admission requirements (all courses must be passed with a grade of "C" or better).

For AAS Degree (10 Courses):

<table>
<thead>
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<th>Course</th>
<th>Description</th>
<th>Hours</th>
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<td>ALHT 1130</td>
<td>Allied Health Terminology</td>
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<tr>
<td>BIOL 2212K</td>
<td>Anatomy and Physiology I <em>/</em>*</td>
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<tr>
<td>BIOL 2213K</td>
<td>Anatomy and Physiology II *</td>
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<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
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</tr>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>32</strong></td>
</tr>
</tbody>
</table>

* Science and Algebra courses shall have been taken within five years of admission, readmission, or transfer into the program, or they shall be repeated.

** It is a privilege to take Biology 2212K without the pre-requisite requirement of Biology 1107K. If a student takes Biology 2212K and withdraws or earns below a 'C', the student cannot retake the course without taking Biology 1107K first.

+ Additional Notes:
  • It is not recommended that students enroll in more than 15 credit hours per semester unless specific SAT/ACT scores have been achieved. Please speak with a program advisor prior to registering if you are planning to take over 15 credits in a semester.
  • Students must maintain at least a “C” average while enrolled in the Radiologic Technology program. For pre-rad tech courses, a student shall earn at least a “C” in all courses or the course(s) shall be repeated.
  • Students are ineligible to enter the Radiologic Technology program if unable to pass any of the required biological science courses or College Algebra after two attempts.
  • Students must also comply with all Radiologic Technology Program policies and Dalton State College policies.

5. Admission Procedures

• Acceptance to Dalton State College
• Program Application/Technical skills forms (completed)
• Drug Screen (negative), Immunization records, TB/MMR/VAR
• Background Check (clear)
• Medical Assessment Form
• Reference Forms (3)
• Apprenticeship
• Interviews with program admissions committee
• Selection process completed

Program Application and other admission documents deadline is November 15th. Extension of application deadline are made on a situational basis. If student is in first semester at DSC, notify program faculty of grades at mid-term.

6. The program is a full-time endeavor consisting of class and clinic Monday-Friday 7:30 a.m.-4:30 p.m. (mainly) for two years. To gain beneficial clinical experience, students may be required to attend several weekend and second shift clinical assignments in a variety of clinical education sites throughout northwest Georgia and southeast Tennessee. The program involvement (clinicals and class) does not exceed 40 hours per week. Each student is required to experience a 40 hour clinical week before the start of the published college Fall semester date each year. All program courses and Exit Exam must be passed with a grade of at least a score of 75% (courses) and a 75% (Exit Exam) to progress through the program. The grading scale for courses in the Radiologic Technology program is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100</td>
</tr>
<tr>
<td>B</td>
<td>84-92</td>
</tr>
<tr>
<td>C</td>
<td>75-83</td>
</tr>
<tr>
<td>F</td>
<td>74 or below</td>
</tr>
</tbody>
</table>

Apprenticeship hours require the following:

• After the submission of the program application, the applicant will be contacted by the program clinical coordinator to discuss the scheduling of apprenticeship hours: a minimum of 12 hours scheduled in Dalton clinical sites.
• Scheduling of apprenticeship sessions is limited and applicants are urged to complete application documents as soon as possible to start the apprenticeship orientation process.
• Applicants must be accepted to Dalton State College, have a minimum college cumulative grade point average of 2.00/4.00, and all program application documents received by the program for apprenticeship eligibility.
• Required dress: apprentice smock, khaki pants, white collared polo shirt, white tennis shoes, and socks.
• Neat dress (no jeans, no colored tennis shoes, no shorts, no sandals).
• Minimal: jewelry, make-up, and cologne; no visible body tattoos; no body piercings except for one earring per ear lobe for females (no visible body piercings includes tongue, eyebrow, nose, chin, facial, and/or ear cartilage). All visible tattoos must be covered with flesh-tone bandages or sleeves. Artificial fingernails are not permitted.
• Hairstyle: neatly maintained and conservative color with little to no contrast in colors. Females: pulled back if long, hair out of eyes. Males: hair short to no longer than top of shirt collar in back, neatly trimmed facial hair, hair out of eyes.
• Enthusiasm to learn; highly productive sessions (quality and quantity of exams observed).
• Mobile phones/pagers/cameras/computers are NOT permitted on apprenticeships.
• Professional and ethical language and behavior displayed at all times.
• Observe and/or assist with all procedures performed during the apprenticeship sessions.
• Additional information will be given to apprentices during the Apprenticeship Orientation session.

Program Fees

The following fees are estimates for various program items:

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background Check</td>
<td>$50</td>
</tr>
<tr>
<td>Drug Screening</td>
<td>$50</td>
</tr>
</tbody>
</table>

*Please note: All receiving application fees are completed within one month of receiving application.*
Books $900 Purchased prior to Program Orientation and during enrollment
Liability Insurance (professional) $15/year Purchased prior to beginning of each year
Uniforms, Shoes, Lab Coat, Patch $175 Purchased prior to Program Orientation
Health Occupation Fee $25/semester, each semester
ARRT Certification Exam $200 Early-sixth semester

Additional costs: Semester Tuition and Fees; Cost of books, withdrawal, and refund schedule are located in the Dalton State College Catalog.

**Policies outlining the tuition fee structure, costs of books, withdrawal, and refund schedule are located in the Dalton State College Catalog.**

**Radiologic Technology Program Curriculum Model**

**First Year**

<table>
<thead>
<tr>
<th>Summer</th>
<th>HourFall</th>
<th>HourSpring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADT 1105</td>
<td>3 RADT 1107</td>
<td>2 RADT 1127</td>
<td>3</td>
</tr>
<tr>
<td>RADT 1111</td>
<td>3 RADT 1125</td>
<td>3 RADT 1143</td>
<td>3</td>
</tr>
<tr>
<td>RADT 1121</td>
<td>3 RADT 1152 (Clinical Hours: 340 (1/5wks@20/wk + 40 August week) Total: 340)</td>
<td>4 RADT 1153 (Clinical Hours: 300 (1/5wks @ 20/wk) Total: 300)</td>
<td>4</td>
</tr>
<tr>
<td>RADT 1151 (Clinical Hours: 160 (10/wks@16/wk) + 40 (mentoring) Total: 200)</td>
<td>3 RADT 1232</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Second Year**

<table>
<thead>
<tr>
<th>Summer</th>
<th>HourFall</th>
<th>HourSpring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADT 2229</td>
<td>2 RADT 2104</td>
<td>2 RADT 2106</td>
<td>4</td>
</tr>
<tr>
<td>RADT 2234</td>
<td>2 RADT 2145</td>
<td>3 RADT 2246</td>
<td>3</td>
</tr>
<tr>
<td>RADT 2224</td>
<td>2 RADT 2255</td>
<td>5 RADT 2256</td>
<td>5</td>
</tr>
<tr>
<td>RADT 2254</td>
<td>5 Clinical Hours: 400 (15wks@24/wk + 40 Aug wk) Total: 400 Clinical Hours: 360 (15wks @ 2/wk) Total: 360</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Clinical Hours: 240 (10wk @ 24/wk) Total: 240

<table>
<thead>
<tr>
<th>Hours</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours: 66

First Year Total Clinical Hours Estimation 840
Second Year Total Clinical Hours Estimation 1000
Total Hours 1840

* Clinical Hours may extend into final exam week.

**General Education**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALHT 1130</td>
<td>Allied Health Terminology</td>
</tr>
<tr>
<td>BIOL 2212K</td>
<td>Anatomy and Physiology I **</td>
</tr>
<tr>
<td>BIOL 2213K</td>
<td>Anatomy and Physiology II ***</td>
</tr>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
</tr>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
</tr>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra *</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
</tbody>
</table>

**Major Field Requirements**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADT 1105</td>
<td>Radiologic Tech&amp;Patient Care I</td>
</tr>
<tr>
<td>RADT 1107</td>
<td>Patient Care II</td>
</tr>
<tr>
<td>RADT 1111</td>
<td>Radiographic Anatomy I</td>
</tr>
<tr>
<td>RADT 1121</td>
<td>Radiologic Procedures I</td>
</tr>
<tr>
<td>RADT 1125</td>
<td>Radiographic Proc II &amp; Anatomy</td>
</tr>
<tr>
<td>RADT 1127</td>
<td>Radiographic Proc&amp;Anatomy III</td>
</tr>
<tr>
<td>RADT 1143</td>
<td>Intro to Radiologic Science I</td>
</tr>
<tr>
<td>RADT 1151</td>
<td>Intro Clinical Rad Tech I</td>
</tr>
<tr>
<td>RADT 1152</td>
<td>Intro Clin Rad Tech II</td>
</tr>
<tr>
<td>RADT 1153</td>
<td>Intern Clin Rad Tech I</td>
</tr>
<tr>
<td>RADT 1232</td>
<td>Introduction to Exposure I</td>
</tr>
<tr>
<td>RADT 2104</td>
<td>Radiologic Seminar</td>
</tr>
<tr>
<td>RADT 2106</td>
<td>Radiologic Review</td>
</tr>
<tr>
<td>RADT 2145</td>
<td>Adv Radiologic Science III</td>
</tr>
<tr>
<td>RADT 2229</td>
<td>Radiographic Procedures IV</td>
</tr>
<tr>
<td>RADT 2234</td>
<td>Adv Radiologic Exposure II</td>
</tr>
<tr>
<td>RADT 2244</td>
<td>Radiation Protection</td>
</tr>
<tr>
<td>RADT 2246</td>
<td>Radiation Biology</td>
</tr>
<tr>
<td>RADT 2254</td>
<td>Intern Clin Rad Tech II</td>
</tr>
<tr>
<td>RADT 2255</td>
<td>Adv Clin Rad Tech I</td>
</tr>
<tr>
<td>RADT 2256</td>
<td>Advanced Clinical Rad Tech II</td>
</tr>
</tbody>
</table>

Total Hours 98

* Science and Algebra courses shall have been taken within five years of admission, readmission, or transfer into the program, or they shall be repeated.

** It is a privilege to take Biology 2212K without the pre-requisite requirement of Biology 1107K. If a student takes Biology 2212K and withdraws or earns below a ‘C’, the student cannot take the course without taking Biology 1107K first.

*** Successful completion of Dalton State College Radiologic Technology program major field courses. Acceptable transfer credits from other equivalent JRCERT-approved Radiography programs will be considered on an individual basis.

Note: Graduation from Dalton State College Radiologic Technology program curriculum satisfies the Standard First Aid component. A valid and current Adult CPR card is required for program applicants and entire program enrollment. It is recommended that students wait to take the CPR when the student begins RADT courses.

**Courses**

**RADT 1101. Intro to Radiologic Technology. 2-2-3 Units.**
Introduction to Radiologic Technology and technologist’s skills; patient care and assessment; clinical observation and documentation, phlebotomy/venipuncture, vital signs, medical emergencies, basic life support/CPR, infection control, OSHA Standards, blood/air borne pathogens, methods of sterilization, medical law and ethics; equipment and imaging principles introduction, basic radiation protection principles, and issues common to many specializations in the health care profession. (Career Course)

Prerequisites: Program Admission, Radiologic Technology.
RADT 1102. Radiology Terminology. 2-0-2 Units.
Introduces the elements of medical terminology as it relates to the field of radiologic technology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. (Career Course)
Prerequisites: RADT 1101.

RADT 1105. Radiologic Tech & Patient Care I. 2-2-3 Units.
Introduction to Radiologic Technology and technologist’s skills; patient care and assessment, clinical observation and documentation, phlebotomy/venipuncture, vital signs, medical emergencies, basic life support/CPR, infection control, OSHA Standards, blood/air-borne pathogens, methods of sterilization, medical law and ethics, equipment and imaging principles introduction, basic radiation protection principles, and issues common to many specializations in the health care profession. (Career Course)

RADT 1107. Patient Care II. 2-0-2 Units.
Continues the development of the knowledge and skills for delivering patient care in the clinical setting, including consideration for the physical and psychological needs of the patient and family, routine and medical emergency patient care, infection control procedures using universal precautions, education of patient as it pertains to the radiologic procedure, awareness of ethical law in radiology, concepts of pharmacology, venipuncture, and administration of contrast media and intravenous medications. Laboratory evaluations will be administered. (Career Course)

RADT 1111. Radiographic Anatomy I. 2-1-3 Units.
Introduces students to the anatomy and physiology of the human body with an emphasis on radiologic correlation to pertinent radiologic procedures. Topics include: respiratory system, upper and lower extremities, abdomen, bony thorax, pelvis and hip, ossification, joints, human chemistry and cells, and integumentary system. (Career Course)
Prerequisites: Program Admission, Radiologic Technology.

RADT 1112. Radiographic Anatomy II. 2-1-2 Units.
Continues the study of the human anatomy and physiology with an emphasis on radiologic correlation to pertinent radiologic procedures. Topics include: vertebral column, skull, sinuses, and systems including: digestive, urinary, and biliary. (Career Course)
Prerequisites: RADT 1111.

RADT 1113. Adv Radiologic Anatomy III. 2-0-2 Units.
The third course in the radiologic anatomy sequence. Provides the student with knowledge of the following topical areas and body systems: circulatory, lymphatic, reproductive, endocrine, muscular, special senses, nervous system and cross-sectional anatomy. The student will also be able to correlate basic cross-sectional anatomy to a variety of imaging modalities. (Career Course)
Prerequisites: RADT 1112.

RADT 1121. Radiologic Procedures I. 3-1-3 Units.
Introduces the student to radiologic procedures, positioning, image analysis, and correlation of anatomical structures to radiographic films. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Laboratory evaluations will be administered. Topics include: introduction to radiologic procedures, positioning terminology, positioning considerations, and procedures, anatomy, and topographical anatomy related to body cavities (chest, abdomen). (Career Course)

RADT 1122. Radiologic Procedures II. 2-1-3 Units.
Continues development of the knowledge and skill prior to execution of radiologic procedures in the clinical setting. Laboratory evaluations will be administered. Topics include: methodology for the routine procedures performed for the upper and lower extremities, pelvis, spines, and bony thorax. (Career Course)
Prerequisites: RADT 1121.

RADT 1123. Radiologic Procedures III. 2-2-3 Units.
Continues the study of radiologic procedures to include: skull, sinuses, mastoids, zygomatic arches, facial bones, upper and lower gastrointestinal, urinary, and biliary systems. Laboratory evaluations will be administered. (Career Course)
Prerequisites: RADT 1122.

RADT 1125. Radiographic Proc & Anatomy. 2-1-3 Units.
Continues development of the knowledge and skill required prior to execution of radiologic procedures in the clinical setting. Laboratory evaluations will be administered. Topics include: anatomy and routine radiologic procedures methodologies performed for the upper and lower extremities, pelvis, spines, bony thorax, skull. (Career Course)

RADT 1127. Radiographic Proc & Anatomy III. 3-2-3 Units.
Continues the study of anatomy and radiologic procedures to include: skull, sinuses, mastoids, zygomatic arches, facial bones, upper and lower gastrointestinal, urinary, biliary systems, and cross-sectional anatomy. Laboratory evaluations will be administered. (Career Course)

RADT 1143. Intro to Radiologic Science I. 3-0-3 Units.
Introduces the concept of basic physics and emphasizes the fundamentals of x-ray generating equipment. Topics include: units of measure, physical principles, atomic structure, structure of matter, electrostatics, magnetism, electromagnetism, control of high voltage, rectification, basic principles of x-ray tube operation and x-ray circuitry. (Career Course)
Prerequisites: RADT 1232.

RADT 1151. Intro Clinical Rad Tech I. 0-16-3 Units.
Introduces students to the performance of radiographic procedures in a variety of clinical settings (i.e., hospitals, doctor’s offices) and provides an opportunity for students to participate in or observe radiographic procedures. Emphasis is placed on clinical exposure to competencies taught and evaluated in Radiologic Procedures I. Students’ activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)

RADT 1152. Intro Clin Rad Tech II. 0-20-4 Units.
Continues introductory student learning experiences in a variety of clinical settings. Emphasis is placed on those procedures presented in Radiologic Procedures I and II. Students’ activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)
Prerequisites: RADT 1151.

RADT 1153. Interm Clin Rad Tech I. 0-20-4 Units.
Provides students with continued clinical setting work experience. Students improve skills in executing procedures introduced in Radiologic Procedures I and II and practiced in previous clinical practicums. Students activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)
Prerequisites: RADT 1152.
RADT 1232. Introduction to Exposure I. 2-1-2 Units.
Introduces knowledge of the factors that govern and influence the production of the radiographic image on radiographic film. Emphasis will be placed on knowledge and techniques required to process radiographic film. Topics include: introduction to atomic structure and x-ray production, film processing and chemicals, artifacts, automatic processor troubleshooting, processing quality assurance, state and federal regulations, silver recovery systems, radiographic quality principles to include: recorded detail, distortion, density, and contrast, film holders and intensifying screens, grids and solving technique problems with a variety of mathematical formulas. (Career Course)

RADT 2104. Radiologic Seminar. 2-2-2 Units.
Provides students the opportunity to enhance critical thinking and problem-solving skills. Each student will exhibit creativity in the production of course assignments and evaluations. In addition to creativity assignments, students will be introduced to job-finding skills, resume production, and job-interviewing techniques. Additional topics included in the course are: radiographic pathology, and radiographic quality assurance. Students will also have the opportunity to be evaluated on a variety of mock registry examinations. (Career Course)

RADT 2105. Radiologic Seminar. 2-2-3 Units.
Provides students the opportunity to enhance critical thinking and problem solving skills. Each student will exhibit creativity in the production of course assignments and evaluations. In addition to creativity assignments, students will be introduced to job-finding skills, resume production, job-interviewing techniques. Additional topics included in the course are: radiographic pathology, and radiographic quality assurance. Students will also have the opportunity to be evaluated on a variety of mock registry examinations. (Career Course)

RADT 2106. Radiologic Review. 3-3-4 Units.
Provides a review of basic knowledge from previous courses and helps the student prepare for the national certification for radiographers. Topics include: principles of image production and evaluation, radiation protection and biology, radiologic equipment, radiographic anatomy, physiology and pathology, radiographic procedures, and patient care techniques. (Career Course)

Prerequisites: RADT 2145.

RADT 2145. Adv Radiologic Science II. 3-0-3 Units.
Continues discussion of the concepts of basic physics and the fundamentals of x-ray generating equipment. A basic review of Radiologic Science I will be presented. Additional course topics include: production and characteristics of radiation, inter-actions of x-ray and matter, survey of a variety of radiographic equipment, image intensified fluoroscopy, recording media and techniques, image noise, and equipment monitoring and maintenance. (Career Course)

Prerequisites: RADT 1143.

RADT 2224. Radiology Procedures IV. 2-1-3 Units.
The final course in the radiologic procedures sequence. Topics include radiologic procedures for the following: reproduction system, venograms, arteriograms, panorex, myelograms, arthrograms, bronchograms, tomograms, and pediatric and trauma radiology. The course also includes an introduction to adjunct imaging modalities including: computerized tomography, magnetic resonance imaging, radiation therapy technology, ultrasound, nuclear medicine, cardiac catheterization, digital radiology, mammography, and angioplasty. Also includes a review and evaluation of the basic radiologic procedures presented in the previous three radiologic procedures courses. Laboratory evaluations will be administered. (Career Course)

Prerequisites: RADT 1123.

RADT 2229. Radiographic Procedures IV. 2-1-2 Units.
The final course in the radiologic procedures sequence. Topics include radiologic anatomy and procedures for the following: reproduction system, venograms, arteriograms, panorex, myelograms, arthrograms, bronchograms, tomograms, and pediatric and trauma radiology. The course also includes an introduction to adjunct imaging modalities including: computerized tomography, magnetic resonance imaging, radiation therapy technology, ultrasound, nuclear medicine, cardiac catheterization, digital radiology, mammography, and angioplasty. Also includes a review and evaluation of the basic radiologic procedures presented in the previous three radiologic procedures courses. Laboratory evaluations will be administered. (Career Course)

RADT 2234. Adv Radiologic Exposure II. 2-1-2 Units.
Continues to develop knowledge of the factors that govern and influence the production of the radiographic image on radiographic film. Topics include: beam limiting devices, beam filtration, technique alterations for a variety of equipment and patient pathology, control of scattered radiation, advanced technique formation and exposure calculation. (Career Course)

Prerequisites: RADT 1232.

RADT 2244. Radiation Protection. 2-1-2 Units.
Provides instruction on the principles of safe radiation usage, protection, and interaction of radiation on living matter. Topics include: radiation detection, measurement, patient and radiographer protection, dose limits, state and federal regulations and agencies. (Career Course)

Prerequisites: RADT 1143.

RADT 2246. Radiation Biology. 2-1-3 Units.
Provides a review of the topics discussed in Radiation Protection as well as instruction on the interaction of radiation on living matter. Topics include: radiation detection, measurement, patient and radiographer protection, dose limits, radiation biology, cell anatomy, radiation/cell interaction, and effects of radiation. (Career Course)

Prerequisites: RADT 2145.

RADT 2254. Intern Clin Rad Tech II. 0-24-5 Units.
Provides students with continued clinical setting work experience. Students improve skills in executing procedures introduced in Radiologic Procedures I, II, and III; and practiced in previous clinical practicums. Students activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)

Prerequisites: RADT 1153.

RADT 2255. Adv Clin Rad Tech I. 2-24-5 Units.
Provides students with continued clinical setting work experience. Students improve skills in executing procedures introduced in Radiologic Procedures I, II, III, and IV; and practiced in previous clinical practicums. Students activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)

Prerequisites: RADT 2254.

RADT 2256. Advanced Clinical Rad Tech II. 2-24-5 Units.
Provides a culminating clinical setting work experience which allows the students to synthesize information and procedural instruction provided throughout the Radiologic Technology program. Emphasis is placed on skill level improvements and final completion of all required clinical competencies presented in previous courses and practiced in previous clinical Radiologic Technology courses. Execution of radiographic procedures will be conducted under indirect supervision.
Respiratory Therapy

Associate of Applied Science

Admission Procedures

Program Description:
The Associate of Applied Science Degree in the Respiratory Therapy program is a sequence of courses designed to prepare graduates to assist physicians in the evaluation, diagnosis, and treatment of patients with cardiopulmonary dysfunction. Conditions requiring respiratory care include asthma, emphysema, chronic obstructive lung disease, pneumonia, cystic fibrosis, infant respiratory distress syndrome, and conditions brought on by trauma and postoperative surgical complications. Respiratory Therapists treat a diverse group of patients ranging from newborns and children to adults and the elderly.

Length of Program: A minimum of five (5) semesters is required to complete the RESP Occupational Core Courses.

Entrance Dates: Students may take pre-respiratory occupational courses at any time. Each summer a new group of students is selected to begin the professional respiratory courses in the upcoming fall semester.

In order to be considered for acceptance to the Respiratory Therapy program:

- Acceptance to Dalton State College;
- Must be at least 18 years of age;
- Minimum cumulative college Grade Point Average of 2.50/4.00;
- Have completed required preprogram college courses: ENGL 1101; MATH 1111; BIOL 2212K and 2213K and 2215K; and CHEM 1151K or 1211K;
- Have earned at least a “C” in each preprogram course. Preprogram science courses taken more than five years prior to enrollment in the program will be evaluated by the Respiratory Therapy program faculty and may need to be repeated. Only courses that had the same documented content and hours of credit will be accepted and then only if the applicant has applied the knowledge of the course through documented work experience in a hospital, lab, pharmacy, or patient care setting.
- Coursework from other Coarc accredited Respiratory Therapy Programs will be examined on an individual basis. Catalog descriptions of transferring courses will be required. Testing to determine competency may also be required. Decisions on student placement will be determined on the basis of these criteria.
- Submit a completed program application by May 25 preceding the fall semester in which the applicant wishes to enroll in RESP 1100. Applications may be downloaded from this website or may be requested from the Respiratory Therapy program director by calling 706.272.2657.
- Complete Interview Process

Admission Selection Process:
Admission selection is competitive and each applicant is awarded points for the following:

- College GPA;
- Number of college credits completed;
- Prior work experience;
- References’ recommendations;
- GPA of required pre-program science courses;
- Student Interview.

The Respiratory Care Professional (RCP) is a caregiver with the responsibility of providing life supporting therapies and diagnostic services. Implied in this care giving role are essential job functions that require the RCP to demonstrate certain cognitive, psychomotor, and affective skills. The performance of these job functions must be consistent with the expectation that the RCP must not place himself/herself, a fellow worker, or the patient in jeopardy.

The purpose of the following is to identify the essential functional requirements of the RCP in the categories of visual acuity, hearing, physical ability, speech, manual dexterity, and mental stress. The examples below are not all inclusive.

Physical Standards for Respiratory Care Professionals:
The respiratory student must be able to:

1. Work in a clinical setting eight to twelve hours a day performing physical tasks without jeopardizing patient, colleague, or his own safety.
2. Frequently bend, reach, stoop, lift, and use manual dexterity operating medical equipment, and performing necessary patient therapies. This includes sufficient tactile ability for performing a physical assessment, as well as manipulation of syringes to draw arterial blood safely without harm to patient or self.
3. Lift devices weighing up to 50 pounds.
4. Report visual observations of patients and equipment operations, as well as read the patient’s medical records and medical information.
5. Adequately hear the patient during all phases of care, especially breath sounds through a stethoscope and perceive and interpret equipment signals.
6. Communicate clearly and instruct patients before, during, and after procedures.

Mental/Attitudinal Standards for Respiratory Care Professionals:
The Respiratory Therapists must:

1. Function calmly under stressful situations, maintain composure while managing multiple tasks simultaneously, and prioritize multiple tasks.
2. Exhibit social skills necessary to interact effectively with patients, families, supervisors, physicians and co-workers of the same or different cultures.
3. Maintain personal hygiene consistent with close personal contact associated with patient care.
4. Display attitudes and actions consistent with the ethical standards of the profession as stated by the American Association of Respiratory Care. These ethical standards can be found on their website at http://www.aarc.org/.

Additional Requirements:

- Students must earn a “C” (75%) or better in all professional courses with the “RESP” prefix in order to proceed to the next course in the sequence. Any student failing a professional course (<75%) will not be allowed to continue in the program. The student may reapply for admission in the next program tract class. Students seeking readmission will be evaluated by the Respiratory Care faculty to determine acceptability and placement in the program. Previously completed professional courses may be accepted or may need to be
repeated at the discretion of the faculty. This will depend upon the content, grade, credit hours earned and when the previous course was taken. Students who fail more than one Respiratory course or the same course twice will be dismissed from the program and will not be re-accepted. Students who fail a clinical practicum must repeat both the clinical and classroom courses covering that content.

- Students must maintain a minimum cumulative 2.5 GPA to graduate from the program and Dalton State College.
- Students must abide by the policies and procedures of the Respiratory Therapy Handbook. Failure to do so may result in removal from the program.
- Prior to participation in practicum courses, students are required to submit medical examination forms. All required immunizations, including Hepatitis B, must be accompanied by documentation. A drug test at the expense of the student must be performed before clinical practicum participation is allowed.
- Conviction of a felony or gross misdemeanor may prohibit employment in field and may make a student ineligible to take licensing exams required for the profession. A background check is required before a student attends clinical practicum. The cost of the background check is the student’s responsibility.
- To work in the state of Georgia Respiratory Care Professionals must apply and be granted a license. In order to obtain a license, graduates must pass accreditation exams.
- Please be advised that there may be additional costs for uniforms, equipment, testing, liability insurance, books and other items as needed. For a listing of these additional costs, please see an official in your program office.

### Respiratory Therapy Associate of Applied Science

This program is a five semester sequence that will allow students to achieve respiratory care skill sets mandated by the Committee on Accreditation of Respiratory Care (CoARC). The curriculum is designed to prepare the graduate to function as a Registered Respiratory Therapist.

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<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
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<tr>
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</tr>
<tr>
<td>or HIST 2112</td>
<td>United States History since 1877</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<td>Principles of Chemistry I</td>
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<td>RESP 1100</td>
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<td>RESP 1111</td>
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<td>RESP 1121</td>
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<td>RESP 1131</td>
<td>Patient Assess &amp; Protocols</td>
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<td>RESP 1133</td>
<td>Cardiopulmonary Anatomy &amp; Phys</td>
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<td>RESP 2110</td>
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<td>RESP 2121</td>
<td>Neonatal/Pediatric Resp Care</td>
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<td>RESP 2330</td>
<td>Credential Preparation</td>
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</table>

Total Hours: 84

*Respiratory Therapy majors are exempt from BIOL 1107K as a prerequisite for BIOL 2212K.

### Courses

**RESP 1100. Intro to Respiratory Care. 3-0-3 Units.**

This course introduces students to the Respiratory Care profession and the skills needed to become a Respiratory Therapist. Topics will include the history of the Respiratory Care profession, a discussion of the future of Respiratory Care, a description of the organization of a hospital Respiratory Care department, an overview of common modalities and specialized areas of Respiratory Care including an introduction to Therapist driven protocols and clinical practice guidelines, a discussion of job opportunities and areas for advancement within the profession, an overview of legal and ethical issues impacting Health Care, and particularly Respiratory Care, in today’s Health Care environment. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the NBRC, AARC, CoARC, and the Georgia Medical Board will be examined and the credentialing and licensing processes outlined. Specific terminology and abbreviations needed by the respiratory profession will be developed. Mastery of Cardiopulmonary Resuscitation will be expected of the student during this course. Prerequisites: Acceptance into the Respiratory Program.
RESP 1111. Fundamentals of Resp Care. 3-2-4 Units.
This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosols, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid base balance and gas laws. The application of basic physical principles involving the properties of matter, thermodynamics, and mechanics as it relates to respiratory practices and equipment will be explored in class and lab. To progress to RESP 1121, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program.
Prerequisites: Admission into Respiratory Care Program, RESP 1100 is required as a prerequisite or a co-requisite.
Corequisites: RESP 1131.

RESP 1121. Clinical Practicum I. 0-16-5 Units.
An introduction to respiratory care of the non-critically ill Patient in the clinical environment. An emphasis will be placed on departmental protocols, clinical practice guidelines, patient identification, and communication skills The student will be required to master the following modalities: oxygen therapy, humidity therapy, bland continuous aerosol therapy, medicated nebulizer therapy, passive hyperinflation, chest physiotherapy and postural drainage, arterial blood gas draws and analysis, equipment cleaning and environmental therapy. Basic airway management, and bedside pulmonary function testing will also be explored. Equipment theory and application will be reinforced.
Prerequisites: RESP 1111, RESP 1131.
Corequisites: RESP 1132, RESP 1133.

RESP 1131. Patient Assess & Protocols. 3-2-4 Units.
This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination in order to progress to RESP 1121.
Prerequisites: Admission into Respiratory Care program RESP 1100 is required as a prerequisite or a co-requisite.
Corequisites: RESP 1111.

RESP 1132. Cardiopulmonary Pharmacology. 3-0-3 Units.
A general pharmacology course for the respiratory care professional caring for the acute and sub-acute patient. Emphasis will be placed on the indications, contraindications, hazards, and routes of administration for the drugs discussed. The pharmacology of the major therapeutic classes of drugs important to respiratory care will be presented.
Prerequisites: RESP 1111, RESP 1131.
Corequisites: RESP 1121, RESP 1133.

RESP 1133. Cardiopulmonary Anatomy & Phys. 3-0-3 Units.
A study of normal and abnormal anatomy and physiology of the cardiac, pulmonary, and renal systems. The mechanisms of homeostatic control for acid/base balance, ventilation, gas transport, and circulation will be addressed. Hemodynamic monitoring will be emphasized.
Prerequisites: RESP 1111, RESP 1131.
Corequisites: RESP 1121, RESP 1132.

RESP 2110. Mech Ventilation/Critical Care. 3-2-4 Units.
This course introduces the critical care modalities of airway management and positive pressure ventilation including tracheal succioning, endotracheal intubation, and tracheostomy care. Concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each student will be required to successfully pass a lab competency exam in order to progress to RESP 2210.
Prerequisites: RESP 1121, RESP 1132, RESP 1133.
Corequisites: RESP 2310.

RESP 2121. Neonatal/Pediatric Resp Care. 2-0-2 Units.
This course presents the physiological and clinical concepts of mechanical ventilation and critical care monitoring of the pediatric and neonatal patient. The course focuses on respiratory care modalities and concepts specifically related to the pediatric and neonatal patient. Some topics include: ventilator design and function, assessment and monitoring of pediatric/neonatal patients, techniques for improving ventilation oxygenation, weaning strategies, and labor and delivery. Critical thinking skills will be emphasized to support the application of neonatal/pediatric physician and therapist driven protocols.
Prerequisites: RESP 2110, RESP 2310.
Corequisites: RESP 2210, RESP 2310, sophomore year.

RESP 2130. Specialized Areas of Resp Care. 2-0-2 Units.
This course surveys the important principles and practices of respiratory care in specialty areas. Students will apply the knowledge learned in this course in Practicum III RESP 2201. Clinical Practicum IA 0-11-3Co-requisites: RESP 2110, RESP 2310.This course is a continuation of Clinical Practicum I and a bridge to Clinical Practicum II. Students will be required to present evidence based case studies in specialty areas.
Prerequisites: RESP 2110, RESP 2310.
Corequisites: RESP 2210, RESP 2211.

RESP 2201. Clinical Practicum IA. 9-1-3 Units.
This course is a continuation of Clinical Practicum I and a bridge to Clinical Practicum II. Emphasis will be placed on refining skills and care for the non-critical patient with a gradual development of skills and competencies to care for ventilator dependent patients. Students will apply skills they will be learning in RESP 2110. Students will be required to present clinical case studies on major cardiopulmonary pathologies in conjunction with studies in RESP 2310.
Prerequisites: RESP 1121, RESP 2110, RESP 2310.

RESP 2210. Clinical Practicum II. 0-16-5 Units.
This course is a continuation of RESP 1121 and RESP 2201. Emphasis will be placed on departmental protocols and clinical practice guidelines. Students will care for adult critically ill patients in the Intensive Care Unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures and analysis, and concepts of airway management and mechanical ventilation is expected. The student will be required to attend a competency workshop and to successfully demonstrate intubations and ventilator competency. Students will be required to complete weekly logs and case studies as part of this course.
Prerequisites: Current CPR, RESP 1121, RESP 2201.
Corequisites: RESP 2121, RESP 2210.
RESP 2220. Clinical Practicum III. 0-16-5 Units.
Practicum to support content presented in RESP 2121 and RESP 2130. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion courses. This course may also provide an opportunity for accelerated or advance students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient, pulmonary function studies and sleep studies. Prerequisites: RESP 2121, RESP 2210, RESP 2130. Corequisites: RESP 2121, RESP 2330.

RESP 2310. Cardiopulmonary Disease & Treatment. 3-0-3 Units.
A survey course of the clinical pathophysiology of selected cardiopulmonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestations, diagnosis, therapeutics, and prognosis of acute and chronic diseases of the cardiopulmonary patient. Student will be required to present clinical case studies on the major cardiopulmonary pathologies. Prerequisites: RESP 1112, RESP 1132, RESP 1133. Corequisites: RESP 2110.

RESP 2330. Credential Preparation. 1-0-1 Unit.
This course will focus on a review of essential concepts of Respiratory Care with emphasis on content for national credentialing. Each student must take the NBRC multiple choice and clinical simulation practice exam. Students will be required to attend a national review seminar. This course will also prepare students to obtain licensure and prepare the student with skills necessary for job placement. Prerequisites: RESP 2121, RESP 2130, RESP 2210. Corequisites: RESP 2220.

RESP 4010. Adv Sem Neonatal/Peds Res Care. 3-0-3 Units.
Focuses on the advanced practice of Respiratory Care in pediatrics and neonatology in the intensive care setting. Students will increase their knowledge base in assessment, evaluation, identification, utilization of critical skills, and procedures used in the neonatal/pediatric critical care setting. This course will provide the student with a general review of perinatal/pediatric respiratory care as applicable to the National Board for Respiratory Care Neonatal/Pediatric Specialty credentialing examination. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4020. Adv Sem Critical Care/Mech Ven. 3-0-3 Units.
This course reviews relevant material to prepare the student for the ACCS Exam. Particular focus includes airway management, advanced modes of mechanical ventilation, pharmacology and respiratory diseases and disorders. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4110. Mentoring/Educ in Healthcare. 3-0-3 Units.
Introduces topics related to clinical education, professional supervision, and mentoring in Respiratory Care. Beyond student supervision, the course will discuss supervision of professionals in the workplace and the emerging importance of professional mentoring for ongoing professional development. Students will be required to complete course to become certified in Pulmonary Disease Educator. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4120. Geriatrics/LT Respiratory Care. 3-0-3 Units.
This course provides an analysis of the current professional environment and the role of the respiratory therapist in the long-term care setting. An overview of concepts, procedures, in geriatrics and long-term care will be presented. Students will discover how the respiratory therapist's role is impacted interacting between the acute care facility, sub-acute care sites and self-administered care in the patient's home. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4130. Research Healthcare Prof. 3-0-3 Units.
This course presents a review of basic statistics and its application to evidence-based theory as it pertains to the practice of clinical medicine. Modules in accessing computer based medically oriented information and medical data bases are presented. The course emphasizes the use of literature to validate and improve the practice of clinical medicine. Students identify, review, and critique published literature relevant to clinical settings. Students learn to use medical literature as a tool in clinical decision making. Prerequisites: MATH 2200 with a grade of “C” or better; RRT Credential and acceptance into the Bachelor of Science program.

RESP 4140. Mngt in Cardiopulmonary Dept. 3-0-3 Units.
This course will present topics related to the management of the Cardiopulmonary Department in a variety of clinical facilities ranging from acute to long-term care. Beyond basic principles of management, this course will explore the responsibilities of the Cardiopulmonary Department manager including appointment, direction and evaluation of personnel; policy and procedure development; budget and fiscal planning; and negotiation of purchase and contracts for new equipment. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

General Studies, Theatre Pathway

ASSOCIATE OF ARTS

Students who are interested in transferring to a baccalaureate program in theatre can begin their college career by choosing the A.A. in general studies with a theatre pathway option. The theatre pathway offers students foundational course work in acting, theatrical production, and performance as well as opportunities to participate in campus theatre productions each semester. Degrees in theatre provide a base from which to pursue careers in acting, production, directing, stage management, and set design.

Area A: Essential Skills

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<tr>
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<td>English Composition II</td>
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<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
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Area B: Institutional Options

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<td>COMM 1120</td>
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<td>ENGL 1105</td>
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<td>ENGL 1110</td>
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<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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**General Studies, Theatre Pathway**

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<tr>
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<td>Health and Wellness Concepts</td>
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<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<td>PRSP Elective (See advisor)</td>
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**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s): 3-6

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<td>Topics in Literature &amp; Culture</td>
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<td>World Literature I</td>
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<td>ENGL 2112</td>
<td>World Literature II</td>
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<td>ENGL 2120</td>
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<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
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<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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**Area D: Science/Mathematics/Technology**

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<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy and Stellar &amp; Galac. Astronomy Lab</td>
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<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>Principles of Biology II</td>
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<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
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<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
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<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
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<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
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<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
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<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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<td>PHYS 2211K</td>
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One of the following electives: 3-4

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<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<td>BIOL 1224K</td>
<td>Entomology</td>
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**Area E: Social Sciences**

HIST 2111 or HIST 2112 3

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<td>United States History to 1877</td>
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<tr>
<td>HIST 2112</td>
<td>United States History since 1877</td>
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<tr>
<td>POLS 1101</td>
<td>American Government</td>
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Two of the following electives: 6

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<td>Intro to Cultural Anthropology</td>
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<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
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<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
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<td>GEOG 1100</td>
<td>Introduction to Geography</td>
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<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
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<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World Civilization since 1500</td>
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<td>HIST 2111</td>
<td>United States History to 1877</td>
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<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<td>POLS 2101</td>
<td>Intro to Political Science</td>
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<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
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<td>POLS 2301</td>
<td>Comparative Politics</td>
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<td>PSYC 1101</td>
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<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<td>PSYC 2103</td>
<td>Human Development</td>
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<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<td>SOCI 1160</td>
<td>Social Problems</td>
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**Area F: Theatre Pathway**

Basic Theory and Performance 9

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
</tr>
<tr>
<td>THEA 2000</td>
<td>Practicum in Theatre (must be taken three times to receive credit here)</td>
</tr>
<tr>
<td>THEA 2200</td>
<td>Fundamentals of Acting</td>
</tr>
<tr>
<td>THEA 2201</td>
<td>Fundamentals of Acting II</td>
</tr>
<tr>
<td>THEA 2300</td>
<td>Children's Theatre</td>
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</table>
Basic Technical Theatre and Design 3
THEA 2100 Play Development

Humanities/Fine Arts/History Electives* 6
ARTS 1100 Art Appreciation
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation
THEA 2000 Practicum in Theatre (Must be taken three times to receive credit here)

THEA 2200 Fundamentals of Acting
THEA 2201 Fundamentals of Acting II
THEA 2300 Children’s Theatre

Physical Education
PHED Activity Elective 1

Total Hours 61-62

* Courses used to satisfy Areas C and E or Basic Theory and Performance cannot be used to satisfy Area F electives.

Courses

THEA 1100. Theatre Appreciation. 3-0-3 Units.
Survey and critical appreciation of theatre. Provides an overview of theatre history, the elements of a play as literature, insight into how a play is analyzed from preproduction and production point of view, an understanding of theatre as an art form, and knowledge of technical aspects of theatre. No previous experience required. (F,S,M) Pre- or co-requisite ENGL 0999, unless exempt.

THEA 2000. Practicum in Theatre. 0-3-1 Unit.
Provides students with experience in the College’s main stage or experimental theatre productions (acting, sound, lighting, publicity, costumes, set construction, etc.) for at least 30 hours, assisting the director. Offered C session. May be repeated for up to three credits. Note: THEA 2000 needs to be taken three times to receive credit in Area F. (F, S)

THEA 2100. Play Development. 3-0-3 Units.
Provides a practical introduction to the creation and development of a theatrical production from inception to completed presentation. (F,S)

THEA 2200. Fundamentals of Acting. 3-0-3 Units.
Offers an introduction to the basics of stage acting, including physical and vocal work, acting exercises and improvisations, acting terminology, character development, and work on monologues and scenes with others. (Offered as needed)
CAREER CERTIFICATE PROGRAMS

Certificates

• Computer Networking and Service Technology (p. 142)
• Licensed Practical Nursing (p. 143)

Mini-Certificates

• Phlebotomy (p. 146)

Computer Networking and Service Technology Certificate

The certificate prepares students for potential employment in the computer service industry with an emphasis on computer networks. This program prepares students to create, administer, and maintain the local area and enterprise networks and to service and maintain stand-alone PC's.

General Education

<table>
<thead>
<tr>
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<tr>
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<td>ENGL 1102</td>
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<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
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Major Field Courses

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<tr>
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<tbody>
<tr>
<td>CAPS 1101</td>
<td>Introduction to Computers</td>
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<tr>
<td>or BUSA 2201</td>
<td>Fundamentals of Computer Appl</td>
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</tr>
<tr>
<td>CAPS 1140</td>
<td>Microcomputer Operating System</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1145</td>
<td>Introduction to Networks</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1152</td>
<td>Linux</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1270</td>
<td>Switch, Route, Wireless Ess</td>
<td>3</td>
</tr>
<tr>
<td>CMPS 1301</td>
<td>Principles of Programming I</td>
<td>3</td>
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<tr>
<td>ELCT 1100</td>
<td>PC Maint &amp; Troubleshooting</td>
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6 hours from the following electives:

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<tr>
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<td>CAPS 1240</td>
<td>Advanced Topics in CAPS</td>
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<tr>
<td>CAPS 1275</td>
<td>Comp Syst/Networking Security</td>
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<tr>
<td>CAPS 1276</td>
<td>Ent Net, Security, Automation</td>
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</tr>
<tr>
<td>CAPS 1390</td>
<td>Intro to Cybersecurity</td>
<td></td>
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<tr>
<td>ELCT 2120</td>
<td>A+ Certification Review</td>
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Physical Education

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</thead>
<tbody>
<tr>
<td>PHED Activity Elective</td>
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</tr>
</tbody>
</table>

Total Hours 37

Courses

CAPS 1101. Introduction to Computers. 2-2-3 Units.
If a student has no computer experience, it is advised to take OADM 1140. Students who have no knowledge of computer key function and do not type a minimum 20 words per minute are urged to take OADM 1140, either prior to, or in conjunction with, this course. A survey of computer-related topics; including the basic elements of a computer system, ways in which computers can be used, and their organizational and social impact. Hands-on experience with microcomputers using Microsoft Windows, data-management, and electronic-spreadsheet programs. This course satisfies the computer literacy requirement. (Career Course) (FS,M)

CAPS 1140. Microcomputer Operating System. 2-2-3 Units.
An overview of operating system essentials for microcomputers, with emphasis on a current version of MS-Windows. This course satisfies the computer literacy requirement. (Career Course) (FS)

CAPS 1145. Introduction to Networks. 3-0-3 Units.
Introduces the architecture, structure, functions, components, and models of the Internet and computer networks. The principles of IP addressing and fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. (F)

CAPS 1152. Linux. 3-0-3 Units.
Study of the Linux operating system, to include basic system operation and access, system installation and configuration, file system organization, file management and manipulation, shell usage, and system maintenance and security. This course satisfies the computer literacy requirement. (F)

Prerequisites: CAPS 1140.

CAPS 1211. Intro to RPG Programming. 3-2-4 Units.
Students design, code, and test programs using the Report Program Generator (RPG) language. Programs written include report editing, mathematical operations, use of subroutines to support structured programming, IFs and case structures, and external and logical files. (As needed for Industry)

CAPS 1212. Advanced RPG Programming. 3-2-4 Units.
A continuation of CAPS 1211. Programs written include file processing, interactive applications, tables and arrays, and subfiles. Review of RPG logic cycle. (As needed for Industry)

CAPS 1213. Control Lang Prog iSeries 400. 2-2-3 Units.
Introduces concept, purpose, uses, and implementation of Control Language (CL) programming. Emphasis is on CL syntax and interactive and batch programs in the iSeries environment. (As needed for Industry)

CAPS 1216. Database/Interactive Applicati. 3-2-4 Units.
This course involves database design; queries; application development in a database environment. Students receive hands-on experience with a rational database package. (As needed for Industry)

CAPS 1240. Advanced Topics in CAPS. 3-0-3 Units.
Selected topics in the use of the computer based on current needs and trends; for example, an in-depth exploration of an operating system or an introduction to a programming language not currently taught. This course satisfies the computer literacy requirement. (F)

Prerequisites: CAPS 1270.
CAPS 1270. Switch, Route, Wireless Ess. 3-0-3 Units.
Describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. (FS)
Prerequisites: CAPS 1145.

CAPS 1275. Comp Syst/Networking Security. 3-0-3 Units.
An introduction to communication security in computer systems and networks. Both information flow and information integrity policies will be considered. Topics include: authentication, protection, security models, cryptography, application, hacker tools and public policy, along with case studies. (Offered as needed)
Prerequisites: CAPS 1140.

CAPS 1276. Ent Net, Security, Automation. 3-0-3 Units.
Describes the architecture, components, and operations of routers and switches in a large and complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. (FS)
Prerequisites: CAPS 1270.

CAPS 1277. Connecting Networks. 3-0-3 Units.
Discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students also develop the knowledge and skills needed to implement IPSec and virtual private network (VPN) operations in a complex network. (FS)
Prerequisites: CAPS 1276.

CAPS 1390. Intro to Cybersecurity. 3-0-3 Units.
Covers foundational knowledge in all aspects of security in the cyber world, including information security, systems security, network security, mobile security, physical security, ethics and laws. Students gain skills in related technologies, procedures, defense and mitigation techniques used in protecting business assets and interests. Prerequisites: Any 2 of the following courses: CAPS 1145, CAPS 1152, CMPS 1301, CMPS 1302

CAPS 2278. CCNA Security. 3-0-3 Units.
This course provides an introduction to the core security concepts and skills needed for the installation, troubleshooting, and monitoring of network devices to maintain the integrity, confidentiality, and availability of data and devices. This course is a hands-on, career-oriented e-learning solution with an emphasis on practical experience to help students develop specialized security skills, along with critical thinking and complex problem solving skills. (S)
Prerequisites: CAPS 1270.

Licensed Practical Nursing Certificate
Dalton State College School of Health Professions offers a nursing program leading to a certificate in Practical Nursing (PN). This program provides graduates with the knowledge and clinical expertise necessary to give direct nursing care to patients in a variety of settings. Some clinical experiences involve out-of-town travel and may include evening hours. Prospective students should be aware that all clinical sites are tobacco-free areas and smoking is prohibited. The program of study includes general education and nursing theory which provides opportunities to care for patients of all ages. This program has full approval with the Georgia Board of Nursing. Graduates are eligible to take the National Council Licensure Examination (NCLEX-PN) for Licensed Practical Nurse (LPN) licensure. There are specific practices and/or acts delineated in the Nurse Practice Act which might prevent a candidate from being granted a license to practice as a Licensed Practical Nurse (LPN). Clinical facilities used by the program require students to submit to background checks and drug screenings before they are allowed in the facility. Based on the information obtained, these facilities can refuse student access. Failure to be accepted into clinical facilities may jeopardize a student's ability to complete the program. For more information, contact the Department of Nursing.

LPN Program admission requirements are:
1. Official acceptance to Dalton State College;
2. Submit a LPN online application found on the LPN web page (Fall application dates are February 1 - May 1 and spring application dates are August 1 - November 1);
3. Complete each program prerequisite with a “C” or better and achieve a minimum 2.5 Overall GPA. Overall GPA includes coursework from all colleges attended by the application deadline;
4. Students must score 50th percentile or above on the TEAS Test (overall percentage score) for class selection. TEAS scores must be obtained within the last three years and must be submitted by the application deadline.

Students meeting the above criteria are not guaranteed admission to the Licensed Practical Nursing program. Since enrollment in the program is limited, those students meeting admission requirements will be evaluated using the LPN Admission Worksheet. Students may repeat only one nursing course for academic reasons. Students are ineligible to enter, re-enter or remain in the nursing sequence if unable to pass any of the required biological science or math courses after two attempts for three years. Students must graduate within two years of entry into the LPN sequence. Students must also comply with all LPN and Dalton State College policies.

Selection Criteria
1. Completion of Biology 1100 or Biology 2212; Math 1001, 1101, 1111 or 1113; and English 1101 (10 semester hours) by the application deadline with a grade of C or better. The letter grade from these courses will be used to compute your points on the admission worksheet. Students who have taken Biology 2212 must also complete Biology 2213 to complete the science requirement*. The overall GPA must be at least 2.5.
2. The overall GPA (includes coursework from all colleges attended) will be used for ranking purposes. The overall GPA must be at least 2.5.
3. Completion of the Licensed Practical Nurse (LPN) application (found on the Nursing Department's LPN web page on the DSC web site) between February 1 - May 1 for Fall and August 1 - November 1 for Spring.
4. 50th percentile overall on the ATI TEAS-PN Test. Applicants have unlimited attempts on the TEAS test. Scores must be obtained by the application deadline.
Math and Science prerequisites must have been taken within six years of admission or transfer into the program, or they must be repeated. Students must have a grade of C or better in these courses.

The following documents must be submitted AFTER acceptance into the program:

1. Physical examination report, with documentation of required immunizations (including influenza).
2. CPR certification (American Heart Association BLS Provider).
3. Background check and drug screen (on initial entry) into nursing cohort.
4. Please be advised that there are additional costs for uniforms, equipment, testing, liability insurance, skills tote bag, books and other items, as needed.

**LPN Program Curriculum**

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ALHT 1130</td>
<td>Allied Health Terminology</td>
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<tr>
<td>BIOL 1100</td>
<td>Human Biology **/<em>/</em></td>
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<tr>
<td>or BIOL 2212K</td>
<td>Anatomy and Physiology I</td>
<td>3</td>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
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<tr>
<td>or COMM 1110</td>
<td>Fundamentals of Speech</td>
<td></td>
</tr>
<tr>
<td>MATH 1101</td>
<td>Intro to Mathematical Modeling **</td>
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<tr>
<td>or MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
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<td>or MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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<tr>
<td>NURS 1113</td>
<td>Nutrition</td>
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<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
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Major Field Courses

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>LPNS 1001</td>
<td>Med Calculation</td>
<td>2</td>
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<tr>
<td>LPNS 1006</td>
<td>Nursing Fundamentals</td>
<td>6</td>
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<tr>
<td>LPNS 1009</td>
<td>Maternal/Newborn Nursing</td>
<td>5</td>
</tr>
<tr>
<td>LPNS 1012</td>
<td>Medical Surgical I</td>
<td>8</td>
</tr>
<tr>
<td>LPNS 1022</td>
<td>Medical Surgical II</td>
<td>9</td>
</tr>
<tr>
<td>LPNS 1051</td>
<td>Leadership</td>
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</table>

Total Hours 53

* If BIOL 2212K is taken instead of BIOL 1100, student must take BIOL 2213K prior to starting the program or as a co-requisite of LPNS 1006.

** Math and Science prerequisites must have been taken within six years of admission or transfer into the program or they must be repeated.

**ORDER OF PROGRAM PROGRESSION:**

1ST SEMESTER CLASSES

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>LPNS 1001</td>
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<tr>
<td>LPNS 1006</td>
<td>Nursing Fundamentals</td>
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2ND SEMESTER CLASSES

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<td>LPNS 1012</td>
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<td>8</td>
</tr>
<tr>
<td>LPNS 1009</td>
<td>Maternal/Newborn Nursing</td>
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3RD SEMESTER OF CLASSES

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<th>Course</th>
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<tr>
<td>LPNS 1022</td>
<td>Medical Surgical II</td>
<td>9</td>
</tr>
<tr>
<td>LPNS 1051</td>
<td>Leadership</td>
<td>3</td>
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</tbody>
</table>

**Courses**

LPNS 1001. Med Calculation. 2-0-2 Units.
This course provides the student with the basic skills to compute medication dosages and calculate solutions. Proficiency in conversion between systems of measurement will be developed. Content includes some broad drug classifications, actions, common side effects and criteria for evaluating effectiveness of drug therapy.

LPNS 1006. Nursing Fundamentals. 3-3-6 Units.
A foundation course that introduces nursing concepts and skills related to the care of multicultural individuals across the lifespan with a focus on geriatric nursing. Requires clinical applications using evidence-based practice in a variety of health care and simulated settings. Prerequisites: BIOL 1100, MATH 1001, 1111, or 1113, ENGL 1101, ENGL 1102 or COMM 1110, and PSYC 1101.

LPNS 1008. Nursing Care of Children. 3-5-5 Units.
This course is designed to focus on children as unique individuals with different capacities and vulnerabilities according to developmental level and health status. Children's responses in health and illness situations are examined within the context of their environment with an emphasis on the family. Nursing interventions that promote, maintain, or restore health and optimal functioning are explored in relation to children and their families. Clinical experiences focus on nursing care of children and families in health care and community settings. Prerequisites: BIOL 1100 or BIOL 2212, MATH 1001, 1111, or 1113, ENGL 1101, ENGL 1102 or COMM 1110, and PSYC 1101. Corequisites: ALHT 1130, NURS 1113, BIOL 2213 is a corequisite if a student took BIOL 2212 and not BIOL 1100.

LPNS 1009. Maternal/Newborn Nursing. 3-5-5 Units.
This course focuses on the provision of nursing care to women across the lifespan and the childbearing family. Women's health focuses on the physical and psychosocial needs of women throughout their life. A developmental framework for understanding the life cycle, physiological and psychological changes provides the foundation for care giving. An emphasis is on the normal reproductive phases of the life cycle, including prenatal, childbirth, postpartum and newborn care. The concepts of communication, pharmacology, nutrition and education are integrated throughout the course. Students will utilize the nursing process when planning care for women and childbearing families who may vary in age, ethnicity, and cultural backgrounds. Clinical experiences focus on care of women. Prerequisites: LPNS 1006, LPNS 1008, NURS 1112

LPNS 1010. Medical Surgical I Theory. 4-0-4 Units.
The first of four Medical Surgical courses, this theory course focuses on the health management, maintenance, and the prevention of illness and care of the individual as a whole, with attention to deviations from the normal state of health. The definition of client care includes using the nursing process, performing assessments, using critical thinking, and providing client education. This course includes: health management and maintenance, prevention of illness, care of the individual as a whole, and deviations from the normal state of health, client care, treatment, pharmacology, and diet therapy in the cardiac, hematology/lymphatic, immune and musculoskeletal systems and standard precautions related to these systems. All curriculum threads are continuous.
LPNS 1011. Medical Surgical I. 4-16-8 Units.
The first of four medical-surgical courses. This course concentrates on
nursing concepts and skills related to the care of multicultural individuals
across the lifespan. It includes: health management and maintenance,
prevention of illness, care of the individual as a whole, and deviations
from the normal state of health, client care, treatment, pharmacology, and
diet therapy. Addresses relevant well-defined health alterations. Requires
clinical applications using evidence-based practice in a variety of health
care, community based, and simulated settings. All curriculum threads
are continuous. Prerequisites: LPNS 1001, LPNS 1006.

LPNS 1012. Medical Surgical I. 3-5-8 Units.
The first of two medical surgical courses. This course concentrates on
nursing concepts and skills related to the care of multicultural individuals
across the lifespan. Addresses relevant well-defined health alterations.
Requires clinical applications using evidence-based practice in a variety
of health care, community based, and simulated settings.
Prerequisites: LPNS 1001, LPNS 1006, LPNS 1008.

LPNS 1015. Medical Surgical I Practicum. 0-16-4 Units.
The first of four Medical Surgical practicum course will provide the
student with the opportunity to utilize skills acquired in the core
curriculum, to acquire insight into his/her personal development toward
becoming a practical nurse, to develop and utilize communication skills,
verbal and non-verbal (including documentation in the clients record
or chart) and to safely and effectively relate theory in the areas of the
cardiovascular, hematologic/lymphatic, immune and musculoskeletal
systems. Clinical skills relating to diagnostic tests and procedures,
medical and surgical treatments, medications and diet therapy,
psychosocial, cultural aspects, and support of the terminally ill and death
will be studied.

LPNS 1020. Medical Surgical II Theory. 4-0-4 Units.
The second of four Medical Surgical courses this theory course focuses
on the health management, maintenance, and the prevention of illness
and care of the individual as a whole, with attention to deviations from
the normal state of health. The definition of client care includes using the
nursing process, performing assessments, using critical thinking, and
providing client education. As a continuation of LPNS 1010, this course
includes: health management and maintenance, prevention of illness,
care of the individual as a whole, and deviations from the normal state
of health, client care, treatment, pharmacology, and diet therapy in the
endocrine, renal, urinary, respiratory and integumentary systems and
standard precautions related to these systems. All curriculum threads are
continuous.

LPNS 1021. Medical Surgical II. 3-5-9 Units.
A continuation course that concentrates on nursing concepts and
skills related to the care of multicultural individuals across the lifespan.
Addresses relevant well-defined health alterations. Requires clinical
applications using evidence-based practice in a variety of health care,
community based, and simulated settings.
Prerequisites: LPNS 1006, LPNS 1001, LPNS 1011.

LPNS 1022. Medical Surgical II. 3-5-9 Units.
A culmination course that concentrates on nursing concepts and skills
related to the care of multicultural individuals across the lifespan.
Addresses complex well-defined health alterations. Involves team
management of patients and health care workers. Requires clinical
applications using evidence-based practice in a variety of health care,
community based, and simulated settings.
Prerequisites: LPNS 1009, LPNS 1011.

LPNS 1025. Med Surgical II Practicum. 0-16-4 Units.
The second of four Medical Surgical practicum courses will provide
the student with the opportunity to utilize skills acquired in the core
curriculum, to acquire insight into his/her personal development toward
becoming a practical nurse, to develop and utilize communication skills,
verbal and non-verbal (including documentation in the clients record
or chart) and to safely and effectively relate theory in the areas of the
endocrine, renal, urinary, respiratory and integumentary systems. Clinical
skills relating to diagnostic tests and procedures, medical and surgical
treatments, medications and diet therapy, psychosocial and cultural
aspects will be studied.

LPNS 1030. Medical Surgical III Theory. 4-0-4 Units.
The second of four Medical Surgical courses this theory course focuses
on the health management, maintenance, and the prevention of illness
and care of the individual as a whole, with attention to deviations from
the normal state of health. The definition of client care includes using the
nursing process, performing assessments, using critical thinking, and
providing client education. As a continuation of LPNS 1020, this course
includes: health management and maintenance, prevention of illness,
care of the individual as a whole, and deviations from the normal state
of health, client care, treatment, pharmacology, and diet therapy in the
neurologic, gastrointestinal, sensory and mental health systems and
standard precautions related to these systems. All curriculum threads are
continuous.

LPNS 1031. Medical Surgical III. 4-16-8 Units.
A continuation course that concentrates on nursing concepts and
skills related to the care of multicultural individuals across the lifespan.
Addresses relevant well-defined health alterations. Requires clinical
applications using evidence-based practice in a variety of health care,
community based, and simulated settings.
Prerequisites: LPNS 1001, LPNS 1006, LPNS 1011, LPNS 1021

LPNS 1035. Med Surgical III Practicum. 0-16-4 Units.
The third of four Medical Surgical practicum courses, will provide
the student with the opportunity to utilize skills acquired in the core
curriculum, to acquire insight into his/her personal development toward
becoming a practical nurse, to develop and utilize communication skills,
verbal and non-verbal (including documentation in the clients record
or chart) and to safely and effectively relate theory in the areas of the
neurologic, gastrointestinal, sensory systems and mental health. Clinical
skills relating to diagnostic tests and procedures, medical and surgical
treatments, medications and diet therapy, psychosocial and cultural
aspects will be studied.

LPNS 1040. Medical Surgical IV Theory. 4-0-4 Units.
This theory based course focuses on the reproductive system, maternal/
newborn nursing, and pediatrics. The class begins with an introduction
to the reproductive system, caring for clients with reproductive system
disorders, and sexually transmitted diseases. The focus then shifts to
maternal/newborn nursing and the prevention of illness, care of the
individual as a whole, and deviations from the normal state health in the
antenatal, intrapartum client, postpartum client, and the neonate.
The course ends with the development, prevention of illness, care of the
individual as a whole, and deviations from the normal state health in the
newborn, child and adolescent.
LPNS 1045. Med Surgical IV Practicum. 0-16-4 Units.
The fourth of four Medical Surgical practicum courses, will provide
the student with the opportunity to utilize skills acquired in the core
curriculum, to acquire insight into his/her personal development toward
becoming a practical nurse, to develop and utilize communication skills,
verbal and non-verbal (including documentation in the clients record
or chart) and to safely and effectively relate theory in the areas of the
reproductive system, obstetrics and pediatrics. Clinical skills relating
to diagnostic tests and procedures, medical and surgical treatments,
medications and diet therapy, psychosocial and cultural aspects will be
studied.

LPNS 1050. Leadership Theory. 2-0-2 Units.
This online course builds on the concepts presented in previous nursing
courses. This course increases the development of skills necessary for
successful performance in the job market. Topics include changing roles,
nursing supervisory skills, conflict resolution, critical thinking, client/
patient education, group dynamics skills, and application of nursing
process as a problem solving tool.

LPNS 1051. Leadership. 2-2-3 Units.
This online course builds on the concepts presented in previous nursing
courses. This course increases the development of skills necessary for
successful performance in the job market. Topics include changing roles,
nursing supervisory skills, conflict resolution, critical thinking, client/
patient education, group dynamics skills, and application of nursing
process as a problem solving tool. Clinical experience will be in a skilled
nursing home or acute care setting.
Prerequisites: LPNS 1001, LPNS 1005, LPNS 1011, LPNS 1021,
LPNS 1031.

LPNS 1055. Leadership Practicum. 0-2-2 Units.
This clinical course builds on concepts presented in LPNS 1050 and
develops the skills necessary for successful performance in the job
market. Clinical experience will be in a skilled nursing home or acute care
setting.

LPNS 1109. Nursing Fundamentals I. 4-0-4 Units.
The first of two courses. This course assists students in developing
the knowledge and skills needed to perform basic nursing procedures.
Through emphasis on the nursing process students are taught the basic
principles and concepts involved in meeting the needs of the individual
patient. Topics include: orientation to the profession, ethics and law,
community health, cultural diversity, and basic nursing procedures.
(Career Course)(F,S)
Prerequisites: Acceptance into LPN program.

LPNS 1141. Pediatrics. 3-4-5 Units.
This course is structured toward the utilization of the nursing process
and nursing skills applicable to child care in the home and hospital
setting. Instruction focus will lend itself to relevant pharmacology, diet
therapy, normal growth and development, and nursing interventions
associated with health prevention and disease/disorders of all body
systems. (Career Course)(F,S)
Prerequisites: LPNS 1140.

Phlebotomy

Mini-Certificate
This program is designed to train students in the collection and
processing of blood specimens, skills known as Phlebotomy. Although
the Phlebotomist does not actually perform any laboratory testing.

Phlebotomists do work side-by-side with Medical Laboratory Technicians
and Technologists in hospitals and other health care organizations.

Phlebotomists talk with patients and donors so they are less nervous
about having their blood drawn. Phlebotomists draw blood for tests,
transfusions, research, or blood donations. Some of them explain
their work to patients and provide assistance if patients have adverse
reactions after their blood is drawn.

Phlebotomists typically do the following:
- Draw blood from patients and blood donors
- Talk with patients and donors so they are less nervous about having their
  blood drawn
- Label the drawn blood for testing or processing
- Enter patient information into an onsite database
- Assemble and maintain medical instruments such as needles, test tubes
  and blood vials

The Phlebotomy Program is offered on an as-needed basis when the job
market appears suitable.

Phlebotomists work mainly in hospitals, medical and diagnostic
laboratories, and doctor’s offices.

http://www.bls.gov/ooh/healthcare/phlebotomists.htm

Phlebotomy program requirements:
1. Meet all Dalton State College admission requirements for certificate
   students.
2. Be at least 17 years of age with a high school diploma or GED.
3. Receive career counseling from a School of Health Professions’ advisor.
4. Submit application and documentation for the Phlebotomy program
to the School of Health Professions. These requirements include:
   a. Two (2) letters of business reference. (included in packet)
   b. Proof of academic abilities (transcripts, etc.).
   c. An interview with a Phlebotomy Admissions Counselor.
   d. A completed Data Sheet and Notification Sheet.

Other program requirements, such as name tag, uniforms, medical forms,
physical, malpractice insurance, background check and drug screen at
the student’s expense will be required after acceptance into the program.

For more information, please call the School of Health Professions at
(706) 272-2658.

Major Field Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ALHT 1130</td>
<td>Allied Health Terminology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1100</td>
<td>Human Biology*</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1101</td>
<td>Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>MLTS 1101</td>
<td>Intro to Health Sci/Phlebotomy **</td>
<td>3</td>
</tr>
<tr>
<td>MLTS 1102</td>
<td>Phlebotomy Clinical Practicum ***</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Hours 17

* No substitution allowed.
** Must be taken the semester immediately before MLTS 1102.
Successful completion of ALHT 1130, BIOL 1100, CAPS 1101, and MLTS 1101, with a "C" (78) or better is required.

### Plan I

**Semester I:**
- ALHT 1130 Allied Health Terminology
- BIOL 1100 Human Biology
- CAPS 1101 Introduction to Computers
- MLTS 1101 Introduction To Health Science

**Semester II:**
- MLTS 1102 Phlebotomy Practicum

### Plan II

Courses may be taken in any combination with exception of MLTS 1101 which has to be taken the semester prior to attending the MLTS 1102 practicum. Also note MLTS 1101 is only offered Fall and Spring semester.

**Semester I:**
- BIOL 1100 Human Biology

**Semester II:**
- ALHT 1130 Allied Health Terminology
- CAPS 1101 Introduction to Computers
- MLTS 1101 Introduction to Health Science

**Semester III:**
- MLTS 1102 Phlebotomy Practicum

*MLTS 1101 must be taken the semester immediately before MLTS 1102

*Courses are offered almost every semester.

Clinical facilities used by the program may require students to submit to background checks and drug screenings before they are allowed in the facility. Based on the information obtained, these facilities can refuse student access. Failure to be accepted into clinical facilities may jeopardize a student’s ability to complete the program.

The Dalton State Phlebotomy program is an approved program by NAACLS (National Accrediting Agency for Clinical Laboratory Sciences) 5600 N. River Rd. Suite 720, Rosemont, IL 60018-5119 Phone: 847-939-3597, 773-714-8880. Fax: 773-714-8886

**Program Outcome:**

One of the Phlebotomy mini-certificate Program outcomes, is placement of graduates in the workforce and pass rate for those that sit for the ASCP registry. An acceptable placement for a graduate is if they begin working as a Phlebotomist or continue on with their education.

Dalton State College Phlebotomy Program has 100% pass rate for those students that tested for The ASCP registry for 2019 based on ASCP Program Performance Report and program outcomes. The pass rate for the Dalton State College Program for phlebotomy is 100% compared to the national pass rate 89%, maximum program score 438 compared to national score maximum score 550. Job placement for graduates after completion of the program is 100% job placement within 3-6 months of completion based on program and employee evaluations and surveys. Graduation rate for 2019 (Fall/Spring) number of students midpoint 15 compared to number of students graduated 15, 100% graduation rate.

**More Information on this career:**

Tyra D. Stalling MLS (ASCP), M.S.H.S.
Program Director
Medical Laboratory Technology and Phlebotomy
Dalton State College
650 College Drive
Dalton, Ga. 30720
SCHOOL OF ARTS AND SCIENCES

Bachelor's
- Biology (p. 148), B.S. (Secondary Teacher Certification option (p. 153))
- Chemistry (p. 158), B.S. (Secondary Teacher Certification option (p. 161))
- Communication (p. 164), B.A.
- Criminal Justice (p. 168), B.S.
- Criminal Justice eMajor (p. 172), B.S.
- Engineering Technology (p. 176), B.A.S.
- English (p. 178), B.A. (Secondary Education Certification (p. 185) option)
- Environmental and Sustainability Studies (p. 188), B.S.
- History (p. 189), B.A. (Secondary Education Certification (p. 195) option)
- Interdisciplinary Studies (p. 198), B.A.
- Mathematics (p. 199), B.S. (Secondary Teacher Certification option (p. 204))
- Mathematics, B.S. (Actuarial Science Concentration (p. 208))
- Psychology (p. 209), B.S.
- Technology Management (p. 213), B.A.S.

Minors
- African American Studies (p. 56)
- Biology (p. 56)
- Chemistry (p. 65)
- Communication Studies (p. 67)
- Criminal Justice (p. 69)
- English (p. 72)
- Geography (p. 85)
- Global Studies (p. 86)
- History (p. 88)
- Latina/o and Latin American Studies (p. 93)
- Mathematics (p. 96)
- Psychology (p. 99)
- Rhetoric and Writing (p. 102)
- Sustainability (p. 106)

Associate of Arts
- General Studies (p. 120)
- General Studies, Film Pathway (p. 117)
- General Studies, Theatre Pathway (p. 139)

Associate of Science
- Criminal Justice (p. 113)
- General Studies (p. 121)
- General Studies, Computer Science Pathway (p. 111)
- General Studies, Physics/Pre-Engineering Pathway (p. 127)

ASSOCIATE OF APPLIED SCIENCE
- Computer Networking and Service Technology (p. 111)

CERTIFICATES
- Computer Networking and Service Technology (p. 142)

Biology

Bachelor of Science

The Bachelor of Science in Biology program guides students in the study of the structure, function, growth, development, reproduction, origin, evolution, and distribution of living organisms. Students gain a strong foundation of knowledge in the biological sciences and develop their scientific skills needed to succeed in careers or post-graduate study. Guided by expert faculty, students can choose from a variety of authentic hands-on learning experiences including undergraduate research, service-learning, internships, human dissection, or working with our turtle assurance colony. Students can also practice leadership skills and engage in extracurricular biology through involvement in our award-winning biological honors society or other registered student clubs. Students in this program select one of three concentrations; Environmental Sciences, General Biology, and Pre-Health Sciences as described further below.

General Biology:

This concentration provides students the opportunity to study a broad range of subjects across the biological sciences. This track is designed to allow flexibility in preparing students for a multitude of biological roles. Students can design a course of study that will prepare them for work in private sectors, government agencies or for continued graduate education.

Environmental Sciences: This concentration integrates the biological, chemical, and physical sciences providing students with a strong foundation in how earth's systems function and ways our environmental and human health can be protected. Many environmental scientists work for local, state, or federal governments conducting research or monitoring and advising on policy, non-governmental organizations or in academia.

Pre-Health Sciences: This concentration provides students with a strong foundation in a variety of the clinical sciences required for entry into and success in post-graduate professional programs and degrees including medicine, physician assistant, physical therapy, occupational therapy, dentistry, pharmacy, biomedical engineering, veterinary medicine, and advanced research degrees in these fields.

Recommended minors: Chemistry, Geography, Business for Non-Business Majors, or Psychology

This degree prepares students for variety of career opportunities ranging from applied or basic laboratory research and field studies in state and federal organizations and industry, to education in public and private school systems. Furthermore, the degree provides the ideal preparation for entry into professional school and graduate programs including medical school, dental school, and veterinary school or advanced studies in the Biological Sciences.

Area A: Essential Skills

| ENGL 1101 English Composition I | 3 |
| ENGL 1102 English Composition II | 3 |
**MATH 1113**  
Precalculus Mathematics  

**Area B: Institutional Options**

**COMM 1110**  
Fundamentals of Speech  

One of the following electives:  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
<td></td>
</tr>
<tr>
<td>GEOG 1000</td>
<td>Natural Hazards</td>
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</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
<td></td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Health and Wellness Concepts</td>
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</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
<td></td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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</tr>
<tr>
<td>PRSP Elective (See advisor)</td>
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**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s):  

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
<td>3-6</td>
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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
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<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
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</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
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<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
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<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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</table>

If only one ENGL course chosen, add one of the following:  

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
<td>0-3</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
<td></td>
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<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 1110</td>
<td>World Music</td>
<td></td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>American Music</td>
<td></td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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</table>

**Area D: Science/Mathematics/Technology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
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**Area E: Social Sciences**

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<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
<td></td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
<td>3</td>
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</table>

Two of the following electives:  

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
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<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
<td></td>
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<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td></td>
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<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
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</tr>
<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
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</tr>
<tr>
<td>HIST 1112</td>
<td>World Civilization since 1500</td>
<td></td>
</tr>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td></td>
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<tr>
<td>HIST 2112</td>
<td>United States Hist since 1877</td>
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<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<tr>
<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<tr>
<td>POLS 2101</td>
<td>Intro to Political Science</td>
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<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
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<tr>
<td>POLS 2301</td>
<td>Comparative Politics</td>
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<tr>
<td>POLS 2401</td>
<td>International Relations</td>
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<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
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<tr>
<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<tr>
<td>PSYC 2103</td>
<td>Human Development</td>
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<tr>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<tr>
<td>SOCI 1160</td>
<td>Social Problems</td>
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**Area F: Major Related**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2270</td>
<td>Ethical Issues in Science</td>
<td>2</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
<td>4</td>
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<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
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**Required Biology Courses**

<table>
<thead>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL 3000</td>
<td>Research Methods in Biology</td>
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<tr>
<td>BIOL 3200K</td>
<td>Cellular Biology</td>
<td>4</td>
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<tr>
<td>BIOL 3400K</td>
<td>Genetics</td>
<td>4</td>
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<tr>
<td>BIOL 3500K</td>
<td>Ecology</td>
<td>4</td>
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<tr>
<td>BIOL 4000</td>
<td>Senior Seminar</td>
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<tr>
<td>BIOL 4250</td>
<td>Evolution</td>
<td>3</td>
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<tr>
<td>CHEM 3211K</td>
<td>Organic Chemistry I</td>
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<tr>
<td>CHEM 3212K</td>
<td>Organic Chemistry II</td>
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<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
<td>4</td>
</tr>
<tr>
<td>or MATH 3050</td>
<td>Biological Statistics</td>
<td></td>
</tr>
</tbody>
</table>

**Choose one Concentration:**  

NOTE: Concentration must be declared through the Registrar’s Office.

**General Biology Concentration:**

Upper Level Biology Electives (Must include at least one Biology Lab Science (noted with ‘K’).)

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BIOL 3150</td>
<td>Science and Society</td>
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<tr>
<td>BIOL 3300K</td>
<td>Developmental Biology</td>
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<tr>
<td>BIOL 3340K</td>
<td>General Microbiology</td>
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<tr>
<td>BIOL 3510K</td>
<td>Plant Biology</td>
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<tr>
<td>BIOL 3520K</td>
<td>Invertebrate Zoology</td>
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<tr>
<td>BIOL 3550</td>
<td>Conservation Biology</td>
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</tr>
<tr>
<td>BIOL 3600K</td>
<td>Ornithology</td>
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<td>CHEM 3312K</td>
<td>Instrumental Methods of Analysis</td>
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**Free Electives**: 3
Select 3 hours from any transfer credit courses in the College curriculum other than PHED courses.

**Environmental Biology Concentration**:
Upper Level Environmental Biology Electives (Must include at least one Biology Lab Science (noted with 'K').)

- BIOL 3510K: Plant Biology ****
- BIOL 3520K: Invertebrate Zoology
- BIOL 3550: Conservation Biology
- BIOL 3600K: Ornithology
- BIOL 3700: Field Biology Techniques
- BIOL 4275: Bioremediation/Phytoremediatio
- BIOL 4360K: Comparative Vertebrate A & P
- BIOL 4600: Ecotoxicology
- BIOL 4900: Special Topics in Biology ***

**Environmental Biology STM Electives**: 12-13

- ASTR 1010 & 1010L: Astronomy of the Solar System and Astronomy of Solar Sys. Lab
- ASTR 1020 & 1020L: Stellar and Galactic Astronomy and Stellar & Galac. Astronomy Lab
- BIOL 1105K: Environmental Studies
- BIOL 1203K: Principles of Botany ****
- BIOL 1224K: Entomology
- BIOL 3150: Science and Society
- BIOL 3510K: Plant Biology ****
- BIOL 3520K: Invertebrate Zoology
- BIOL 3550: Conservation Biology
- BIOL 3600K: Ornithology
- BIOL 3700: Field Biology Techniques
- BIOL 4275: Bioremediation/Phytoremediatio
- BIOL 4360K: Comparative Vertebrate A & P
- BIOL 4410K: Molecular Biology
- BIOL 4500K: Biotechnology
- BIOL 4900: Special Topics in Biology ***
- BIOL 4960: Research in Biology **
- BIOL 4900: Special Topics in Biology ***
- BUSA 3000: Environmental Law and Policy
- CHEM 3311K: Quantitative Analysis
- CHEM 3312K: Instrumental Methods of Analysis
- CHEM 3700K: Environmental Chemistry
- CHEM 4900: Special Topics in Chemistry ***
- ENGL 3030: Technical Writing
- GEOL 1121K: Principles of Geology
- GEOL 1122K: Historical Geology
- GEOL 1131K: Geology & the Environment
- MATH 2253: Calculus and Analytic Geom I
- MATH 2254: Calculus and Analytic Geom II
- MATH 3050: Biological Statistics

Any 3000 or 4000 level Chemistry course EXCEPT CHEM 4000. **/****

Any 3000 or 4000 level Biology Lab Science (noted with 'K').

**Environmental Biology STM Electives**: 12-13

- ASTR 1010 & 1010L: Astronomy of the Solar System and Astronomy of Solar Sys. Lab
- ASTR 1020 & 1020L: Stellar and Galactic Astronomy and Stellar & Galac. Astronomy Lab
- BIOL 1105K: Environmental Studies
- BIOL 1203K: Principles of Botany ****
- BIOL 1224K: Entomology
- BIOL 3150: Science and Society
- BIOL 3510K: Plant Biology ****
- BIOL 3520K: Invertebrate Zoology
- BIOL 3550: Conservation Biology
- BIOL 3600K: Ornithology
- BIOL 3700: Field Biology Techniques
- BIOL 4275: Bioremediation/Phytoremediatio
- BIOL 4360K: Comparative Vertebrate A & P
- BIOL 4410K: Molecular Biology
- BIOL 4500K: Biotechnology
- BIOL 4900: Special Topics in Biology ***
- BIOL 4960: Research in Biology **
- BIOL 4900: Special Topics in Biology ***
- CHEM 3311K: Quantitative Analysis
- CHEM 3312K: Instrumental Methods of Analysis
- CHEM 3700K: Environmental Chemistry
- CHEM 4900: Special Topics in Chemistry ***
- ENGL 3030: Technical Writing
- GEOL 1121K: Principles of Geology
- GEOL 1122K: Historical Geology
- GEOL 1131K: Geology & the Environment
- MATH 2253: Calculus and Analytic Geom I
- MATH 2254: Calculus and Analytic Geom II
- MATH 3050: Biological Statistics
- MATH 3050: Biological Statistics

Any SUST course EXCEPT SUST 4000. **/****

Free Electives: 3
Select 3 hours from any transfer credit courses in the College curriculum other than PHED courses.

**Pre-Health Sciences Concentration**: 13
Upper Level Pre-Health Biology Electives (Must include at least one Biology Lab Science (noted with 'K').)

- BIOL 3150: Science and Society
- BIOL 3300K: Developmental Biology
- BIOL 3340K: General Microbiology ****
- BIOL 3850: Neuroscience
- BIOL 4100: Immunology
- BIOL 4360K: Comparative Vertebrate A & P
- BIOL 4410K: Molecular Biology
- BIOL 4500K: Biotechnology
- BIOL 4900: Special Topics in Biology ***

**Pre-Health Biology STM Electives**: 12-13

- BIOL 2212K: Anatomy and Physiology I
- BIOL 2213K: Anatomy and Physiology II
- BIOL 2215K: Microbiology ****
- BIOL 3150: Science and Society
- BIOL 3300K: Developmental Biology
- BIOL 3340K: General Microbiology ****
- BIOL 3850: Neuroscience
- BIOL 3900: Readings in Biology **
- BIOL 4100: Immunology
- BIOL 4360K: Comparative Vertebrate A & P
- BIOL 4410K: Molecular Biology
- BIOL 4500K: Biotechnology
- BIOL 4800: Service Learning in Biology **
- BIOL 4900: Special Topics in Biology ***
- BIOL 4960: Research in Biology **
CHEM 3311K  Quantitative Analysis
CHEM 3312K  Instrumental Methods of Analyis
CHEM 3500  Biochemistry
CHEM 4430  Advanced Organic Chemistry
CHEM 4900  Special Topics in Chemistry ***
ENGL 3030  Technical Writing
MATH 2253  Calculus and Analytic Geom I
MATH 2254  Calculus and Analytic Geom II
MATH 2256  Introduction to Linear Algebra
MATH 3050  Biological Statistics

Free Electives  3
Select 3 hours from any transfer credit courses in the College curriculum other than PHED courses.

Physical Education  1
PHED Activity Elective
Total Hours  121-122

** Students are limited to a maximum of eight credit hours in applied learning courses (BIOL 3900, CHEM 3900, BIOL 4800, CHEM 4800, BIOL 4860, CHEM 4860, BIOL 4960, and CHEM 4960). Students are limited to a maximum of four credit hours in any one of the four applied learning categories: readings (BIOL 3900 and CHEM 3900), service learning (BIOL 4800 and CHEM 4800), internships (BIOL 4860 and CHEM 4860), and research (BIOL 4960 and CHEM 4960).

*** BIOL 4900 (Special Topics in Biology) and CHEM 4900 (Special Topics in Chemistry) can be taken multiple times when topics have changed.

**** Students will not be able to count both BIOL 1203K & BIOL 3510K or BIOL 2215K & BIOL 3340K in Upper Level or General Elective areas. A student may take both classes in these pairs, but only one course will count in the Upper Level or General electives. The other course may count as a free elective.

Courses

BIOL 1011K. Introduction to Biology. 3-2-4 Units.
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.
Prerequisites: ENGL 0999 unless exempt.

BIOL 1012K. Introductory Biology II w/ Lab. 3-2-4 Units.
This course covers the evolution and diversity of organisms, including microbes, protists, fungi, plants, and animals. Additional topics include body systems, the immune system, reproduction, and development, and ecology. For non-biology majors only.

BIOL 1100. Human Biology. 3-0-3 Units.
Prepares students for employment in the health professions. Topics include basic chemistry, cell biology, genetics, and digestive, excretory, respiratory, circulatory, endocrine, reproductive, and skeletal systems. Laboratory demonstrations and practices are included. (Career Course) (F,S,M)

BIOL 1105K. Environmental Studies. 3-2-4 Units.
Focuses on the interrelationship of the biological and physical components of the environment and the impact of human activities on the biosphere. (F,S,M)
Prerequisites: ENGL 0999 unless exempt.

BIOL 1107H. Honors Principle of Biology I. 3-2-4 Units.

BIOL 1107K. Principles of Biology I. 3-2-4 Units.
Introduces fundamental unifying principles of biology. Topics include scientific method, biological chemistry, cell structure and function, energetics, cell division, genetics and evolution. (F,S,M)
Prerequisites: ENGL 0999 unless exempt.

BIOL 1108K. Principles of Biology II. 3-2-4 Units.
Continuation of BIOL 1107K. Topics include the structure and function of the following animal, including human, systems: nervous, circulatory, immune, respiratory, digestive, urinary, endocrine, and reproductive, as well as diversity, development, behavior and ecology. (F,S,M)
Prerequisites: BIOL 1107K.

BIOL 1203K. Principles of Botany. 3-2-4 Units.
Introduces students to plant cell biology, anatomy, physiology, genetics, biotechnology, economic importance, diversity, and classification. Teaches students sterile technique, basic plant tissue culture, and techniques for microscopic observation of plants. (S)
Prerequisites: ENGL 0999 unless exempt.

BIOL 1224K. Entomology. 3-2-4 Units.
Presents an introduction to the anatomy, biology, and behavior of insects. The laboratory emphasizes classification and identification of insects to family, which are required as part of assembling a collection during the course. (F)
Prerequisites: ENGL 0999 unless exempt.

BIOL 2212K. Anatomy and Physiology I. 3-3-4 Units.
Focuses on the study of human anatomy and physiology. Topics include chemistry, cells, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study.) (F,S,M)
Prerequisites: BIOL 1107K, except Associate of Science in Nursing (2 year) majors, Associate of Applied Science in Radiologic Technology and Associate of Applied Science in Respiratory Therapy.
Prerequisites: ENGL 0999 unless exempt.

BIOL 2213K. Anatomy and Physiology II. 3-3-4 Units.
Continues the study of human anatomy and physiology begun in Biology 2212. Topics covered include the circulatory-lymphatic, immune, respiratory, digestive-metabolic, excretory, and reproductive systems and human development and heredity. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 2212K or permission of MLT advisor.

BIOL 2215K. Microbiology. 3-2-4 Units.
Introduces students to the biology of viruses, bacteria, fungi, and protozoan and animal parasites. Teaches students the fundamental principles of microbiology with special emphasis on the relationships of microbes to man. Trains students to isolate, culture, and identify microbes in a laboratory. (This course will satisfy an Area D or Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 1107K or BIOL 2212K.
BIOL 2270. Ethical Issues in Science. 2-0-2 Units.
Provides an introduction to basic ethical concepts and develops the concept of ethical decision-making and how this applies to the increasing number of biological ethics decisions made daily. A variety of bioethical questions will be proposed and students will explore the science and social science aspects of each particular question. (F,S)
Prerequisites: BIOL 1108K.

BIOL 3000. Research Methods in Biology. 3-0-3 Units.
Prepares students for independent research by training them in laboratory safety, storage and disposal of reagents, standard methods and equipment used for research in a range of specialties and the ethical conduct of research. Students will develop skills in critical analysis of literature, experimental design, project proposal preparation, maintain lab log books, data analysis, time-management and oral and written presentation of results. This class is a suggested pre or co-requisite for BIOL 3900 and BIOL 4960. (F,S)
Prerequisites: BIOL 1108K, COMM 1110, MATH 2200 or MATH 1401.

BIOL 3150. Science and Society. 3-0-3 Units.
This course provides historical and contemporary perspectives on the roles of science and technology in society. Specific historical periods will be reviewed, with selected biographical information to gain a social perspective relative to an individual scientist's contributions to a field, and the impact of science and technology on society. Current topics will be covered. Potential topics may include vaccines (e.g. historical research, currently available vaccines, and social controversies related to usage), climate change (e.g. aspects of ecology, evolution, energy policy & technology), reproductive biology (e.g. birth control, abortion), aging (e.g. theories of aging, medical treatments for age-related pathologies, social and economic costs), or other regional scientific issues and history.
Prerequisites: BIOL 2270, instructor approval for Study Abroad program and Upper division eligibility.

BIOL 3200K. Cellular Biology. 3-3-4 Units.
An exploration of the basic unit of living organisms. Study of the structure and function of cellular structures with emphasis on the unifying nature of cell membrane systems, cellular energetics, motility and transport intercellular interactions, cellular communication, and cell division. Laboratory experiences introduce basic cytological study techniques. (F,S)
Prerequisites: BIOL 1108K, CHEM 1212K.
Corequisites: CHEM 3211K.

BIOL 3300K. Developmental Biology. 3-2-4 Units.
Introduces students to the developmental process in animals with the formation of gametes through the embryonic stages, birth, maturation and aging. Anatomical development, experimental embryology and the molecular mechanisms of cell differentiation will be covered. Laboratory techniques in developmental biology including animal cell and tissue cultures will be utilized. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 3340K. General Microbiology. 3-2-4 Units.
Introduces students to the biology of noncellular, prokaryotic, and eukaryotic microorganism. Topics include microbial metabolism, genetics, systematics, pathogenesis, epidemiology, and ecology. The history of microbiology, host defense against disease, and human exploitation of microbes will also be studied. The laboratory introduces students to the culture and identification of microorganisms. (Fall as enrollment requires)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3400K. Genetics. 3-3-4 Units.
A study of Mendelian principles, molecular genetics and population genetics. Topics include simple Mendelian inheritance, extensions of Mendelian inheritance, linkage, genetic mapping, quantitative inheritance, population genetics, prokaryotic genetics, and molecular genetics. (F,S,M)
Prerequisites: BIOL 3200K, CHEM 3211K; Corequisite: CHEM 3212K.

BIOL 3500K. Ecology. 3-3-4 Units.
A study of the interrelationships of organisms with their physical and biological environment. Topics include an exploration of adaptations, population structure and dynamics, organization and classification of communities, and nutrient and energy flows in ecosystems. (F,S,M)
Prerequisites: BIOL 1108K.
Corequisites: CHEM 3211K.

BIOL 3510K. Plant Biology. 3-3-4 Units.
An in-depth examination of the structures, growth, reproduction, competition, survival, and diversity of plants. (S)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3520K. Invertebrate Zoology. 3-3-4 Units.
An in depth examination of the taxonomy, morphology, physiology, and evolution of the more common invertebrate phyla. A study of the distribution and interspecific relationships among invertebrates and other forms of life. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3550. Conservation Biology. 3-0-3 Units.
An in depth study of the biological aspects of environmental crises and how principles from major areas in biology can provide solutions to the conservation of species and ecosystems. Major topics will include population ecology, population genetics, and community ecology. Because of the interdisciplinary nature of conservation we will discuss the social and political aspects of the field. Supplemental readings will come from primary literature. A semester long project which requires developing a management plan for a novel environmental problem is required. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3600K. Ornithology. 3-3-4 Units.
Birds have been the subjects of scientific investigation for centuries, and research on birds has contributed much to our modern understanding of morphology, physiology, behavior, ecology, evolution, and global change. The purpose of this course is to investigate these myriad but interrelated topics with birds as our focus in both lecture and laboratory settings. The course will involve hands-on learning of ornithology using traditional lecture and lab activities along with experimental design and research. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3700. Field Biology Techniques. 3-0-3 Units.
This course is designed to expose students to standard field techniques for collecting habitat and specimen data. Additionally, this course is designed to expose students to current peer reviewed literature, learn basics of scientific writing and grant writing, and explore career options for students in biology. (Summer, Even Years)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 3850. Neuroscience. 3-0-3 Units.
This course introduces the cellular mechanisms of neural signals, neural systems for sensory and motor functions, and the basics of higher order brain functions. Research techniques are discussed in the context of the material. (Fall as enrollment requires)
Prerequisites: BIOL 3200K, CHEM 1212K.
BIOL 3900. Readings in Biology. 2-0-2 Units.
Independent study of the literature within a topic of current research in Biology. (F,S,M)
Prerequisites: 12 hours of Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BIOL 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of biology. (F)
Prerequisites: 19 hours of 3000/4000 level Biology.

BIOL 4100. Immunology. 3-0-3 Units.
Provides an introduction to the cellular and molecular basis of the immune response, which includes antigen presentation, immunogenetics, effector mechanisms, and medical immunology. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 4250. Evolution. 3-0-3 Units.
A study of the principles of evolutionary biology including discussions of natural selection, adaptation, population genetics, speciation, and phylogeny reconstruction, and the distribution, abundance and adaptations of living organisms as mediated by the environment and natural selection. (F,S,M)
Prerequisites: BIOL 3400K, CHEM 1212K.

BIOL 4275. Bioremediation/Phytoremediation. 3-0-3 Units.
Bioremediation and phytoremediation use microbes and plants, respectively, in the treatment of contaminated soils and water. These methods are increasingly utilized at sites requiring remediation, either individually or in conjunction with more traditional remediation techniques. This course will examine the histories, theories, benefits, drawbacks and applications of various bioremediation and phytoremediation techniques of organic and inorganic pollutants. Some of the techniques addressed will be natural attenuation, biodegradation, bio filtration, phyto extraction and phyto stabilization. (Spring as enrollment requires)
Prerequisites: BIOL 3400K.

BIOL 4360K. Comparative Vertebrate A & P. 3-3-4 Units.
Broad comparative analysis of vertebrate morphology by considering anatomical structure and function and the integration of these structures in the individual organism, as well as the functional process of vertebrate organs and organ systems, and their physiological integration. Consideration will be given to the relationship between structure and functional demands of vertebrates to particular environments as well as the details of each vertebrate organ system, emphasizing the structure-function relationship of the organs/organ systems, and the range of structural and evolutionary modifications of organ systems seen in different vertebrate classes. (Spring as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 4410K. Molecular Biology. 3-3-4 Units.
In depth examination of the molecular aspects of cell structure and function, emphasizing the chemical and molecular basis of cellular physiology. Addresses genetic function at the chromosomal and molecular levels, gene expression, and regulation. (Spring as enrollment requires)
Prerequisites: BIOL 3400K, CHEM 3211K.

BIOL 4500K. Biotechnology. 3-3-4 Units.
A study of the applied aspects of biochemistry and molecular biology in various fields, with emphasis on the use of recombinant DNA methods and protein engineering. (Fall as enrollment requires)
Prerequisites: BIOL 3400K.

BIOL 4600. Ecotoxicology. 3-0-3 Units.
This course provides an introduction to the field of ecotoxicology, classes of contaminants, mechanisms of action, biomarkers, and effects at the individual, population, and community level. Also included will be historical background of the field and the history of environmental legislation in the United States. (Fall as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 4800. Service Learning in Biology. 0-0-2 Units.
Independent internship with a field of biology or lecture assistantship or laboratory assistantship within a biology course at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M) Students with a laboratory assistantship must have successfully completed the course with a B or better.
Prerequisites: 12 hours of Biology and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BIOL 4850K. Human Dissection. 0-4-3 Units.
This is a laboratory course that requires prospection of a human cadaver which will be used as an instructional aid in other courses at Dalton State. Students will review the history of cadaver use, demonstrate various dissection techniques and knowledge of medical human anatomy. (S) Prerequisites are 3 upper level BIOL courses and permission of the instructor.

BIOL 4900. Special Topics in Biology. 3-0-3-4 Units.
Advanced concepts in biology will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. Course may be repeated for credit when topic differs. (Offered as Needed)
Prerequisites: BIOL 3400K and 3 additional upper level Biology courses.

BIOL 4960. Research in Biology. 0-0-1-3 Unit.
Research project conducted by a student under guidance of a faculty member. Repeatable for a maximum of 4 hours. (F,S,M) Justification: These were rewritten by the URC to facilitate getting TAs/Research students in lower level classes. We still require both instructor and chair approval, as before.
Prerequisites: 16 hours Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

**Biology, Secondary Certification Option**

**Bachelor of Science**

The Bachelor of Science in Biology program guides students in the study of the structure, function, growth, development, reproduction, origin, evolution, and distribution of living organisms. Students gain a strong foundation of knowledge in the biological sciences and develop their scientific skills needed to succeed in careers or post-graduate study. Guided by expert faculty, students can choose from a variety of authentic hands-on learning experiences including undergraduate research, service-learning, internships, human dissection, or working with our turtle assurance colony. Students can also practice leadership skills and engage in extracurricular biology through involvement in our award-
winning biological honors society or other registered student clubs. Students in this program will also study with faculty in the school of education to prepare them for certification to teach science at secondary level at middle or high school.

**Area A: Essential Skills**

Grades of C or better required.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>English Composition II</td>
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<td>Precalculus Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Area B: Institutional Options**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech ***</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of the following electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
<td></td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
<td></td>
</tr>
<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
<td></td>
</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
<td></td>
</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
<td></td>
</tr>
<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
<td></td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
<td></td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
<td></td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
<td></td>
</tr>
<tr>
<td>PRSP Elective (See advisor)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
<td>3-6</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
<td></td>
</tr>
</tbody>
</table>

If only one ENGL course chosen, add one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
<td>0-3</td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
<td></td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
<td></td>
</tr>
<tr>
<td>MUSC 1110</td>
<td>World Music</td>
<td></td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>American Music</td>
<td></td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
<td></td>
</tr>
</tbody>
</table>

**Area D: Science/Mathematics/Technology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Area E: Social Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
<td></td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
<td>6</td>
</tr>
</tbody>
</table>

**ECON 2105** Principles of Macroeconomics
**ECON 2106** Principles of Microeconomics
**GEOG 1100** Introduction to Geography
**GEOG 1101** Intro to Human Geography
**GEOG 1111** Intro to Physical Geography
**HIST 1111** World Civilization to 1500 CE
**HIST 1112** World Civilization since 1500
**HIST 2111** United States History to 1877
**HIST 2112** United States Hist since 1877
**PHIL 1103** Intro to World Religions
**PHIL 2010** Intro to Philosophical Issues
**PHIL 2020** Logic and Critical Thinking
**POLS 2101** Intro to Political Science
**POLS 2201** State and Local Government
**POLS 2301** Comparative Politics
**POLS 2401** International Relations
**PSYC 1101** Introduction to Psychology ***
**PSYC 2101** Psychology of Adjustment
**PSYC 2103** Human Development
**SOCI 1101** Introduction to Sociology
**SOCI 1160** Social Problems

**Area F: Major Related**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
<td></td>
</tr>
<tr>
<td>BIOL 2270</td>
<td>Ethical Issues in Science</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 2110</td>
<td>Investig Critical/Contem Issue **</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Expl Socio-Cultural Perspect **</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning/Teaching **</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Biology Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3000</td>
<td>Research Methods in Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3200K</td>
<td>Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3400K</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3500K</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3510K</td>
<td>Plant Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4000</td>
<td>Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 4250</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3211K</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3212K</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Upper Level Biology Electives**

One four credit hour 3000-4000 level BIOL with lab elective or two three credit hour 3000-4000 level BIOL electives.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3300K</td>
<td>Developmental Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3340K</td>
<td>General Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3520K</td>
<td>Invertebrate Zoology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3550</td>
<td>Conservation Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3600K</td>
<td>Ornithology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3700</td>
<td>Field Biology Techniques</td>
<td></td>
</tr>
<tr>
<td>BIOL 3900</td>
<td>Readings in Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 4100</td>
<td>Immunology</td>
<td></td>
</tr>
<tr>
<td>BIOL 4275</td>
<td>Bioremediation/Phytoremediatio</td>
<td></td>
</tr>
<tr>
<td>BIOL 4360K</td>
<td>Comparative Vertebrate A &amp; P</td>
<td></td>
</tr>
</tbody>
</table>
### Courses

**Biol 1011K. *Introduction to Biology. 3-2-4 Units.*
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.
Prerequisites: ENG 0999 unless exempt.

**Biol 1012K. *Introductory Biology II w/ Lab. 3-2-4 Units.*
This course covers the evolution and diversity of organisms, including microbes, protists, fungi, plants, and animals. Additional topics include body systems, the immune system, reproduction and development, and ecology. For non-biology majors only.

**Biol 1100. *Human Biology. 3-0-3 Units.*
Prepares students for employment in the health professions. Topics include basic chemistry, cell biology, genetics, and digestive, excretory, respiratory, circulatory, endocrine, reproductive, and skeletal systems. Laboratory demonstrations and practices are included. (Career Course) (F,S,M)

**Biol 1105K. *Environmental Studies. 3-2-4 Units.*
Focuses on the interrelationship of the biological and physical components of the environment and the impact of human activities on the biosphere. (F,S,M)
Prerequisites: ENG 0999 unless exempt.

**Biol 1107H. *Honors Principle of Biology I. 3-2-4 Units.*

**Biol 1107K. *Principles of Biology I. 3-2-4 Units.*
Introduces fundamental unifying principles of biology. Topics include scientific method, biological chemistry, cell structure and function, energetics, cell division, genetics and evolution. (F,S,M)
Prerequisites: ENG 0999 unless exempt.

**Biol 1108K. *Principles of Biology II. 3-2-4 Units.*
Continuation of Biol 1107K. Topics include the structure and function of the following animal, including human, systems: nervous, circulatory, immune, respiratory, digestive, urinary, endocrine, and reproductive, as well as diversity, development, behavior and ecology. (F,S,M)
Prerequisites: Biol 1107K.

**Biol 1203K. *Principles of Botany. 3-2-4 Units.*
Introduces students to plant cell biology, anatomy, physiology, genetics, biotechnology, economic importance, diversity, and classification. Teaches students sterile technique, basic plant tissue culture, and techniques for microscopic observation of plants. (S)
Prerequisites: ENG 0999 unless exempt.

**Biol 1224K. *Entomology. 3-2-4 Units.*
Presents an introduction to the anatomy, biology, and behavior of insects. The laboratory emphasizes classification and identification of insects to family, which are required as part of assembling a collection during the course. (F)
Prerequisites: ENG 0999 unless exempt.
BIOL 2212K. Anatomy and Physiology I. 3-3-4 Units.
Focuses on the study of human anatomy and physiology. Topics include chemistry, cells, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study.) (F,S,M) Prerequisites: BIOL 1107K, except Associate of Science in Nursing (2 year) majors, Associate of Applied Science in Radiologic Technology and Associate of Applied Science in Respiratory Therapy.
Prerequisites: ENGL 0999 unless exempt.

BIOL 2213K. Anatomy and Physiology II. 3-3-4 Units.
Continues the study of human anatomy and physiology begun in Biology 2212. Topics covered include the circulatory-lymphatic, immune, respiratory, digestive-metabolic, excretory, and reproductive systems and human development and heredity. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 2212K or permission of MLT advisor.

BIOL 2215K. Microbiology. 3-2-4 Units.
Introduces students to the biology of viruses, bacteria, fungi, and protozoan and animal parasites. Teaches students the fundamental principles of microbiology with special emphasis on the relationships of microbes to man. Trains students to isolate, collect, and identify microbes in a laboratory. (This course will satisfy an Area D or Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 1107K or BIOL 2212K.

BIOL 2270. Ethical Issues in Science. 2-0-2 Units.
Provides an introduction to basic ethical concepts and develops the concept of ethical decision-making and how this applies to the increasing number of biological ethics decisions made daily. A variety of bioethical questions will be proposed and students will explore the science and social science aspects of each particular question. (F,S)
Prerequisites: BIOL 1108K.

BIOL 3000. Research Methods in Biology. 3-0-3 Units.
Prepares students for independent research by training them in laboratory safety, storage and disposal of reagents, standard methods and equipment used for research in a range of specialties and the ethical conduct of research. Students will develop skills in critical analysis of literature, experimental design, project proposal preparation, maintain lab log books, data analysis, time-management and oral and written presentation of results. This class is a suggested pre or co-requisite for BIOL 3900 and BIOL 4960. (F,S)
Prerequisites: BIOL 1108K, COMM 1110, MATH 2200 or MATH 1401.

BIOL 3150. Science and Society. 3-0-3 Units.
This course provides historical and contemporary perspectives on the roles of science and technology in society. Specific historical periods will be reviewed, with selected biographical information to gain a social perspective relative to an individual scientist's contributions to a field, and the impact of science and technology on society. Current topics will be covered. Potential topics may include vaccines (e.g. historical research, currently available vaccines, and social controversies related to usage), climate change (e.g. aspects of ecology, evolution, energy policy & technology), reproductive biology (e.g. birth control, abortion), aging (e.g. theories of aging, medical treatments for age-related pathologies, social and economic costs), or other regional scientific issues and history.
Prerequisites: BIOL 2270, instructor approval for Study Abroad program and Upper division eligibility.

BIOL 3200K. Cellular Biology. 3-3-4 Units.
An exploration of the basic unit of living organisms. Study of the structure and function of cellular structures with emphasis on the unifying nature of cell membrane systems, cellular energetics, motility and transport intercellular interactions, cellular communication, and cell division. Laboratory experiences introduce basic cytological study techniques. (F,S)
Prerequisites: BIOL 1108K, CHEM 1212K.
Corequisites: CHEM 3211K.

BIOL 3300K. Developmental Biology. 3-2-4 Units.
Introduces students to the developmental process in animals with the formation of gametes through the embryonic stages, birth, maturation and aging. Anatomical development, experimental embryology and the molecular mechanisms of cell differentiation will be covered. Laboratory techniques in developmental biology including animal cell and tissue cultures will be utilized. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 3340K. General Microbiology. 3-2-4 Units.
Introduces students to the biology of noncellular, prokaryotic, and eukaryotic microorganism. Topics include microbial metabolism, genetics, systemsatics, pathogenesis, epidemiology, and ecology. The history of microbiology, host defense against disease, and human exploitation of microbes will also be studied. The laboratory introduces students to the culture and identification of microorganisms. (Fall as enrollment requires)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3400K. Genetics. 3-3-4 Units.
A study of Mendelian principles, molecular genetics and population genetics. Topics include simple Mendelian inheritance, extensions of Mendelian inheritance, linkage, genetic mapping, quantitative inheritance, population genetics, prokaryotic genetics, and molecular genetics. (F,S,M)
Prerequisites: BIOL 3200K, CHEM 3211K; Corequisite: CHEM 3212K.

BIOL 3500K. Ecology. 3-3-4 Units.
A study of the interrelationships of organisms with their physical and biological environment. Topics include an exploration of adaptations, population structure and dynamics, organization and classification of communities, and nutrient and energy flows in ecosystems. (F,S,M)
Prerequisites: BIOL 1108K.
Corequisites: CHEM 1211K.

BIOL 3510K. Plant Biology. 3-3-4 Units.
An in-depth examination of the structures, growth, reproduction, competition, survival, and diversity of plants. (S)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3520K. Invertebrate Zoology. 3-3-4 Units.
An in depth examination of the taxonomy, morphology, physiology, and evolution of the more common invertebrate phyla. A study of the distribution and interspecific relationships among invertebrates and other forms of life. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.
BIOL 3550. Conservation Biology. 3-0-3 Units.
An in depth study of the biological aspects of environmental crises and how principles from major areas in biology can provide solutions to the conservation of species and ecosystems. Major topics will include population ecology, population genetics, and community ecology. Because of the interdisciplinary nature of conservation we will discuss the social and political aspects of the field. Supplemental readings will come from primary literature. A semester long project which requires developing a management plan for a novel environmental problem is required. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3600K. Ornithology. 3-3-4 Units.
Birds have been the subjects of scientific investigation for centuries, and research on birds has contributed much to our modern understanding of morphology, physiology, behavior, ecology, evolution, and global change. The purpose of this course is to investigate these myriad but interrelated topics with birds as our focus in both lecture and laboratory settings. The course will involve hands-on learning of ornithology using traditional lecture and lab activities along with experimental design and research. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 3700. Field Biology Techniques. 3-0-3 Units.
This course is designed to expose students to standard field techniques for collecting habitat and specimen data. Additionally, this course is designed to expose students to current peer reviewed literature, learn basics of scientific writing and grant writing, and explore career options for students in biology. (Summer, Even Years)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 3850. Neuroscience. 3-0-3 Units.
This course introduces the cellular mechanisms of neural signals, neural systems for sensory and motor functions, and the basics of higher order brain functions. Research techniques are discussed in the context of the material. (Fall as enrollment requires)
Prerequisites: BIOL 3200K, CHEM 1212K.

BIOL 3900. Readings in Biology. 2-0-2 Units.
Independent study of the literature within a topic of current research in Biology. (S, F, M)
Prerequisites: 12 hours of Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BIOL 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of biology. (S, F)
Prerequisites: 19 hours of 3000/4000 level Biology.

BIOL 4100. Immunology. 3-0-3 Units.
Provides an introduction to the cellular and molecular basis of the immune response, which includes antigen presentation, immunogenetics, effector mechanisms, and medical immunology. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 4250. Evolution. 3-0-3 Units.
A study of the principles of evolutionary biology including discussions of natural selection, adaptation, population genetics, speciation, and phylogeny reconstruction, and the distribution, abundance and adaptations of living organisms as mediated by the environment and natural selection. (S, F, M)
Prerequisites: BIOL 3400K, CHEM 1212K.

BIOL 4275. Bioremediation/Phytoremediation. 3-0-3 Units.
Bioremediation and phytoremediation use microbes and plants, respectively, in the treatment of contaminated soils and water. These methods are increasingly utilized at sites requiring remediation, either individually or in conjunction with more traditional remediation techniques. This course will examine the histories, theories, benefits, drawbacks and applications of various bioremediation and phytoremediation techniques of organic and inorganic pollutants. Some of the techniques addressed will be natural attenuation, biodegradation, biofiltration, phytoextraction and phytostabilization. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

BIOL 4360K. Comparative Vertebrate A & P. 3-3-4 Units.
Broad comparative analysis of vertebrate morphology by considering anatomical structure and function and the integration of these structures in the individual organism, as well as the functional process of vertebrate organs and organ systems, and their physiological integration. Consideration will be given to the relationship between structure and functional demands of vertebrates to particular environments as well as the details of each vertebrate organ system, emphasizing the structure-function relationship of the organs/organ systems, and the range of structural and evolutionary modifications of organ systems seen in different vertebrate classes. (Spring as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 4410K. Molecular Biology. 3-3-4 Units.
In depth examination of the molecular aspects of cell structure and function, emphasizing the chemical and molecular basis of cellular physiology. Addresses genetic function at the chromosomal and molecular levels, gene expression, and regulation. (Spring as enrollment requires)
Prerequisites: BIOL 3400K, CHEM 3211K.

BIOL 4500K. Biotechnology. 3-3-4 Units.
A study of the applied aspects of biochemistry and molecular biology in various fields, with emphasis on the use of recombinant DNA methods and protein engineering. (Fall as enrollment requires)
Prerequisites: BIOL 3400K.

BIOL 4600. Ecotoxicology. 3-0-3 Units.
This course provides an introduction to the field of ecotoxicology, classes of contaminants, mechanisms of action, biomarkers, and effects at the individual, population, and community level. Also included will be historical background of the field and the history of environmental legislation in the United States. (Fall as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

BIOL 4800. Service Learning in Biology. 0-0-2 Units.
Independent internship with a field of biology or laboratory assistantship within a biology course at Dalton State. Repeatable for a maximum of 4 credit hours. (S, F, M) Students with a laboratory assistantship must have successfully completed the course with a B or better.
Prerequisites: 12 hours of Biology and approval of a faculty supervisor and Chair of Department of Life Science required before registration.
BIOL 4850K. Human Dissection. 0-4-3 Units.
This is a laboratory course that requires prosection of a human cadaver which will be used as an instructional aid in other courses at Dalton State. Students will review the history of cadaver use, demonstrate various dissection techniques and knowledge of medical human anatomy. (S) Prerequisites are 3 upper level BIOL courses and permission of the instructor.

BIOL 4900. Special Topics in Biology. 3-0-3-4 Units.
Advanced concepts in biology will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. Course may be repeated for credit when topic differs.(Offered as Needed)
Prerequisites: BIOL 3400K and 3 additional upper level Biology courses.

BIOL 4960. Research in Biology. 0-0-1-3 Unit.
Research project conducted by a student under guidance of a faculty member. Repeatable for a maximum of 4 hours. (F,S,M) Justification: These were rewritten by the URC to facilitate getting TAs/Research students in lower level classes. We still require both instructor and chair approval, as before.
Prerequisites: 16 hours Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

Chemistry
Bachelor of Science

Area A: Essential Skills
ENGL 1101 English Composition I
ENGL 1102 English Composition II
MATH 1113 Precalculus Mathematics

Area B: Institutional Options
COMM 1110 Fundamentals of Speech

One of the following electives:
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See advisor)

Area C: Humanities/Fine Arts
Choose one to two ENGL course(s):
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature

If only one ENGL course chosen, add one of the following:
ARTS 1100 Art Appreciation
HUMAN 1201 Expressions of Culture I
HUMAN 1202 Expressions of Culture II
MUSIC 1100 Music Appreciation
MUSIC 1110 World Music
MUSIC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Science/Mathematics/Technology
One of the following Laboratory Science Sequences:
PHYS 1111K & PHYS 1112K Introductory Physics I and Introductory Physics II
PHYS 2211K & PHYS 2212K Principles of Physics I and Principles of Physics II
MATH 2253 Calculus and Analytic Geom I

Area E: Social Sciences
HIST 2111 United States History to 1877
or HIST 2112 United States Hist since 1877
POLS 1101 American Government

Two of the following electives:
ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1101 Intro to Human Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
PHIL 1103 Intro to World Religions
PHIL 2010 Intro to Philosophical Issues
PHIL 2020 Logic and Critical Thinking
POLS 2101 Intro to Political Science
POLS 2201 State and Local Government
POLS 2301 Comparative Politics
POLS 2401 International Relations
PSYC 1101 Introduction to Psychology
PSYC 2101 Psychology of Adjustment
PSYC 2103 Human Development
SOCI 1101 Introduction to Sociology
SOCI 1160 Social Problems

Area F: Major-Related
BIOL 1107K Principles of Biology I
CHEM 2000 Scientific Communication
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
MATH 2254 Calculus and Analytic Geom II

Required Chemistry Courses
CHEM 3211K Organic Chemistry I
CHEM 3212K Organic Chemistry II
CHEM 3311K Quantitative Analysis
**CHEM 3312K** Instrumental Methods of Analys  4
**CHEM 3411K** Physical Chemistry I  4
**CHEM 3412K** Physical Chemistry II  4
**CHEM 4000** Senior Seminar  2
**CHEM 4110K** Advanced Inorganic Chemistry  4
**MATH 2255** Calculus and Analytic Geom III  4

**Choose one Concentration:**

NOTE: Concentration must be declared through the Registrar’s Office.

**General Chemistry Concentration:**

Upper Level Chemistry Electives  9

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<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>CHEM 3500</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>CHEM 3700K</td>
<td>Environmental Chemistry</td>
</tr>
<tr>
<td>CHEM 4420</td>
<td>Adv Organic Spectroscopy</td>
</tr>
<tr>
<td>CHEM 4430</td>
<td>Advanced Organic Chemistry</td>
</tr>
<tr>
<td>CHEM 4860</td>
<td>Internship in Chemistry</td>
</tr>
<tr>
<td>CHEM 4900</td>
<td>Special Topics in Chemistry</td>
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<td>CHEM 4960</td>
<td>Research in Chemistry</td>
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STM Electives  13-14

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL 1105K</td>
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<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
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<tr>
<td>BIOL 2212K</td>
<td>Anatomy and Physiology I</td>
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<tr>
<td>BIOL 2213K</td>
<td>Anatomy and Physiology II</td>
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<tr>
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<td>CMPS 1371</td>
<td>Computing for Scien &amp; Engineer</td>
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<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
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<tr>
<td>MATH 2256</td>
<td>Introduction to Linear Algebra</td>
</tr>
<tr>
<td>MATH 2403</td>
<td>Differential Equations</td>
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<tr>
<td>MATH 2770</td>
<td>Statistics and Applications</td>
</tr>
<tr>
<td>SUST 2000</td>
<td>Intro Envir Sustainability</td>
</tr>
</tbody>
</table>

Any 3000 or 4000 level BIOL course EXCEPT BIOL 4000.

Any 3000 or 4000 level CHEM course including CHEM 3900 and CHEM 4800.

Any 3000 or 4000 level MATH course EXCEPT MATH 3703, MATH 3803, and MATH 4713.

Any 3000 or 4000 level SUST course EXCEPT SUST 4000.

Free Electives  3

Select 3 hours from any transfer credit courses in the College curriculum other than PHED courses.

**Environmental Chemistry Concentration:**

Upper Level Chemistry Electives  9

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<tr>
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<tbody>
<tr>
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<td>CHEM 4900</td>
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Environmental Chemistry STM Electives  13-14

<table>
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<th>Course Code</th>
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<td>BIOL 1224K</td>
<td>Entomology</td>
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<td>BIOL 3000</td>
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**Pre-Health Sciences Concentration:**

Upper Level Pre-Health Chemistry Electives  9

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<td>Advanced Organic Chemistry</td>
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<td>CHEM 4900</td>
<td>Special Topics in Chemistry</td>
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Pre-Health Chemistry Professional Track  13-14

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<tr>
<td>BIOL 3500K</td>
<td>Ecology</td>
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<tr>
<td>BIOL 3510K</td>
<td>Plant Biology</td>
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<tr>
<td>BIOL 3520K</td>
<td>Invertebrate Zoology</td>
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<tr>
<td>BIOL 3550</td>
<td>Conservation Biology</td>
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<td>BIOL 3600K</td>
<td>Ornithology</td>
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<tr>
<td>BIOL 3700</td>
<td>Field Biology Techniques</td>
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<tr>
<td>BIOL 4275</td>
<td>Bioremediation/Phytoremediatio</td>
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<tr>
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<td>Readings in Chemistry</td>
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<td>CHEM 4860</td>
<td>Internship in Chemistry</td>
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</table>

Any 3000 or 4000 level SUST course EXCEPT SUST 4000.

Free Electives  3

Select 3 hours from any transfer credit courses in the College curriculum other than PHED courses.

**Industrial Chemistry Concentration:**

Upper Level Chemistry Electives  9

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<th>Course Code</th>
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<td>CHEM 3700K</td>
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Industrial Chemistry STM Electives  13-14

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<td>CHEM 3900</td>
<td>Readings in Chemistry</td>
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Any 3000 or 4000 level SUST course EXCEPT SUST 4000.

Free Electives  3

Select 3 hours from any transfer credit courses in the College curriculum other than PHED courses.
### Prerequisites: MATH 1001, 1101, or 1111 and ENGL 0999 unless exempt.

Introduces the fundamentals of chemistry including general principles of atomic structures, bonding, reactions, gases, water, solutions, pH and equilibria. Requires laboratory experimentation which illustrates applications of concepts studied in lecture. 

- **CHEM 1211K. Principles of Chemistry I. 3-3-4 Units.**
  - **Prerequisites:** MATH 1111 with a grade of ‘C’ or better, ENGL 0999 unless exempt.

- **CHEM 1212K. Principles of Chemistry II. 3-3-4 Units.**
  - **Prerequisites:** CHEM 1211.

- **CHEM 2000. Scientific Communication. 2-0-2 Units.**
  - **Prerequisites:** CHEM 1212K.

**CHEM 311K. Organic Chemistry I. 3-3-4 Units.**

Introduces the chemistry of organic compounds including aliphatic and aromatic hydrocarbons, stereochemistry, monofunctional compounds and some polyfunctional compounds. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. 

- **CHEM 3212K. Organic Chemistry II. 3-3-4 Units.**
  - **Prerequisites:** CHEM 3211K.

**CHEM 3311K. Quantitative Analysis. 3-4-4 Units.**

Introduction to statistics. The use of spreadsheets. Principles and techniques of volumetric analysis. Concepts of chemical equilibria as applied to acid-base, precipitation, and complex ion reactions. 

- **CHEM 3312K. Instrumental Methods of Analysis. 3-3-4 Units.**
  - **Prerequisites:** CHEM 3311K.

- **CHEM 3411K. Physical Chemistry I. 3-3-4 Units.**
  - **Prerequisites:** CHEM 3412K.

### Courses

**CHEM 1151K. Survey of Chemistry. 3-3-4 Units.**

Introduces the fundamentals of chemistry including general principles of atomic structures, bonding, reactions, gases, water, solutions, pH and elementary organic chemistry and biochemistry. 

- **Prerequisites:** MATH 1001, 1101, or 1111 and ENGL 0999 unless exempt.
CHEM 3500. Biochemistry. 3-0-3 Units.
The chemical aspects of protein, carbohydrate, lipid, and nucleic acid, and
enzyme function, bioenergetics, metabolism, photosynthesis, nucleic acid
function, and protein biosynthesis. (S,M)
Prerequisites: BIOL 1107K and CHEM 3211K.

CHEM 3700K. Environmental Chemistry. 3-3-4 Units.
This course will cover the environmental chemistry involving the
transport, distribution, reactions, and speciation of inorganic,
organometallic and organic chemicals occurring in the air, soil and water
environments at the local, national and global scale. Environmental
transformations and degradation processes, toxicology, pollution and
hazardous substances will be discussed. (S)
Prerequisites: CHEM 3212K.

CHEM 3900. Readings in Chemistry. 0-0-2 Units.
Independent in-depth study of the literature within a topic of current
research in Chemistry. Approval of a faculty supervisor required before
registration. (F/S)
Prerequisites: 12 hours of Chemistry and permission of the instructor.

CHEM 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary
nature of chemistry (S)
Prerequisites: 12 hours of upper level chemistry.

CHEM 4110K. Advanced Inorganic Chemistry. 3-3-4 Units.
Advanced theories of bonding and structure in inorganic chemistry
with emphasis on ligand field theory, bioinorganic chemistry, and
organometallic chemistry (F)
Prerequisites: CHEM 3212K, CHEM 3311K.

CHEM 4420. Adv Organic Spectroscopy. 3-0-3 Units.
This course is intended to introduce the spectroscopic methods
used in the modern determination of organic structures. This will
primarily consist of the study of mass spectrometry (MS), infrared (IR)
spectroscopy, and nuclear magnetic resonance (NMR) spectrometry.
Some discussion will be devoted to instrumental methods, but the
primary focus of the course will be acquiring skill in the interpretation of
this spectral data. This course will include hands-on experience using
instrumentation. (F) Prerequisites: CHEM 3212K

CHEM 4430. Advanced Organic Chemistry. 3-0-3 Units.
Advanced topics in organic chemistry. Such topics include biomolecules,
stoichiometric, physical organic chemistry, and heterocycles (F)
Prerequisites: CHEM 3212K.

CHEM 4800. Service Learning in Chemistry. 0-0-1-4 Unit.
A lecture assistantship or laboratory assistantship within a chemistry
course here at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Approval of both a faculty supervisor and department chair.

CHEM 4860. Internship in Chemistry. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester
with a previously approved business firm, private agency or government
government. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Permission of department chair.

CHEM 4900. Special Topics in Chemistry. 0-0-1-4 Unit.
Advanced concepts in chemistry will be presented, the detailed content
varying from year to year. Course may be repeated for credit when topic
differs. (Offered as Needed)
Prerequisites: CHEM 3212K and additional 3 upper level Chemistry
courses.

CHEM 4960. Research in Chemistry. 0-0-1-4 Unit.
Research project conducted by a student under guidance of a faculty
member. Approval of a faculty supervisor required before registration.
Variable 1-4 hours. Repeatable for a maximum of 4 hours. (F/S)
Prerequisites: 16 hours of Chemistry and permission of the instructor.

Chemistry, Secondary Certification Option

Bachelor of Science

Area A: Essential Skills

Grades of C or better required.

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
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<tr>
<td>MATH 1113</td>
<td>Precalculus Mathematics</td>
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Area B: Institutional Options

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One of the following electives: 1

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<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
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<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<td>ENGL 2112</td>
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<td>ENGL 2131</td>
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<td>ENGL 2201</td>
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If only one ENGL course chosen, add one of the following: 0-3

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<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
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<td>HUMN 1202</td>
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<td>MUSC 1120</td>
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<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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Area D: Science/Mathematics/Technology

One of the following Laboratory Science Sequences: 8

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<td>Introductory Physics I and Introductory Physics II</td>
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**Area E: Social Sciences**

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<tr>
<td>or HIST 2112</td>
<td>United States History since 1877</td>
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<tr>
<td>POLS 1101</td>
<td>American Government</td>
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Two of the following electives: **6**

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<td>ANTH 1103</td>
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<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
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<td>ECON 2106</td>
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<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
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**Area F: Major Related**

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<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I **</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II **</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2000</td>
<td>Scientific Communication</td>
<td>2</td>
</tr>
<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
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</tbody>
</table>

**Required Chemistry Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3211K</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3212K</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3311K</td>
<td>Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3312K</td>
<td>Instrumental Methods of Analys</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3411K</td>
<td>Physical Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 4000</td>
<td>Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 4110K</td>
<td>Advanced Inorganic Chemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

**Upper Level Elective**

Choose one of the following upper level electives: **3-4**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3500</td>
<td>Biochemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 3700K</td>
<td>Environmental Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

**Education Courses**

Prior to enrollment in EDUC 2110, EDUC 2120, and EDUC 2130, students must have taken PSYC 1101, COMM 1110, and Area A courses with grades of C or better. Approved Background check, proof of professional Liability Insurance, completion of the mandated reporter training course, and a passing score on an Ethics assessment are also required. EDUC 2110, EDUC 2120, EDUC 2130 must be completed with grades of C or better prior to acceptance into PES 1.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2110</td>
<td>Investig Critical/Contem Issue</td>
<td></td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Expl Socio-Cultural Perspect</td>
<td></td>
</tr>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning/Teaching</td>
<td></td>
</tr>
</tbody>
</table>

**Professional Education Semester 1 (PES I) - Fall Semester**

Prior to enrollment in PES I courses, students must be accepted to the Teacher Education Program and have completed CHEM 1211K and CHEM 1212K with grades of C or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDUC 3272</td>
<td>Class Mgmt Sec Ed Field Exp I</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 3902</td>
<td>Curric/Asses Secondary Teacher</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Education Semester 2 (PES II) - Spring Semester**

Prior to enrollment in PES II courses, students must have completed EDUC 3902 and EDUC 3272 with grades of C or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDUC 3273</td>
<td>Class Mgmt Sec Ed Field Exp II</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 4901</td>
<td>Methods/Strat Teach Sec Stu</td>
<td>3</td>
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</table>

**Professional Education Semester 3 (PES III) - Fall Semester**

Prior to enrollment in PES III, students must have completed EDUC 3273 and EDUC 4901 with grades of C or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDUC 3120</td>
<td>Teaching Diverse Learners(Sec)</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 3274</td>
<td>Class Mgm Sec Ed Field Exp III</td>
<td>2</td>
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</table>

**Professional Education Semester 4 (PES IV) - Spring Semester**

Prior to enrollment in PES IV, students must have completed EDUC 3120, EDUC 3274, and all upper division coursework in the major with grades of C or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>READ 3456</td>
<td>Reading across Curric Sec Educ</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 4953</td>
<td>Teaching Internship Seminar</td>
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</tr>
<tr>
<td>EDUC 4954</td>
<td>Internship Sec School Chem</td>
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</tr>
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</table>

**Physical Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED Activity Elective</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Hours**: 127-128

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* MATH 2253 may be taken in Area A if the student meets the prerequisites, with MATH 2254 then taken in Area D. The additional hour of credit will be applied to the upper level curriculum.

** CHEM 1211K and CHEM 1212K must be completed with grades of C or better.

*** COMM 1110 and PSYC 1101 are prerequisites for EDUC 2110, EDUC 2120, and EDUC 2130. Grade of C or better required.
Courses

CHEM 1151K. Survey of Chemistry. 3-3-4 Units.
Introduces the fundamentals of chemistry including general principles of atomic structures, bonding, reactions, gases, water, solutions, pH and elementary organic chemistry and biochemistry. (S)
Prerequisites: MATH 1001, 1101, or 1111 and ENGL 0999 unless exempt.

CHEM 1211K. Principles of Chemistry I. 3-3-4 Units.
Explores the discipline of chemistry through an understanding of the basic laws and properties of matter, stoichiometry, atomic structure, chemical bonding, gas laws, solutions and the physical states of matter. Requires laboratory experimentation which illustrates applications of concepts studied in lecture. (F,S,M)
Prerequisites: MATH 1111 with a grade of ‘C’ or better, ENGL 0999 unless exempt.

CHEM 1212K. Principles of Chemistry II. 3-3-4 Units.
Continues the exploration of the discipline of chemistry begun in CHEM 1211. Focuses on the more quantitative aspects of chemistry including chemical equilibria, kinetics, acid-base, solubility product, electrochemistry and coordination compounds. Requires laboratory development of techniques necessary to identify common metallic and non-metallic ions. (F,S,M)
Prerequisites: CHEM 1211K.

CHEM 2000. Scientific Communication. 2-0-2 Units.
An introduction to the principles of ethics in the chemical sciences. Also, the infrastructure of scientific scholarship is introduced with an emphasis on interaction with the scientific community, responsible conduct in research, and communication of scientific findings. (F)
Prerequisites: CHEM 1212K.

CHEM 311K. Organic Chemistry I. 3-3-4 Units.
Introduces the chemistry of organic compounds including aliphatic and aromatic hydrocarbons, stereochemistry, monofunctional compounds and some polyfunctional compounds. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. (F,S,M)
Prerequisites: CHEM 1212K.

CHEM 3212K. Organic Chemistry II. 3-3-4 Units.
Continues the exploration of the chemistry of organic compounds with an emphasis on the characteristics and reactions of a variety of functional groups. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. (F,S,M)
Prerequisites: CHEM 3211K.

CHEM 3311K. Quantitative Analysis. 3-4-4 Units.
Introduction to statistics. The use of spreadsheets. Principles and techniques of volumetric analysis. Concepts of chemical equilibria as applied to acid-base, precipitation, and complex ion reactions. Electrochemistry and potentiometry. Introduction to spectroscopy and chromatography. (F)
Prerequisites: CHEM 1212K and MATH 1113.

CHEM 3312K. Instrumental Methods of Analysis. 3-3-4 Units.
Theoretical principles and uses of modern instrumental methods covering: measurement theory, atomic spectroscopy, molecular spectroscopy, mass spectrometry, electrometry, electroanalysis and chromatographic separations. (S)
Prerequisites: CHEM 3311K.

CHEM 3411K. Physical Chemistry I. 3-3-4 Units.
A study of macromolecular phenomena in terms of micro molecular concepts including the gas state and thermodynamic. (F)
Prerequisites: CHEM 1212K, MATH 2254, PHYS 1112K or PHYS 2212K.

CHEM 3412K. Physical Chemistry II. 3-3-4 Units.
A continuation of CHEM 3411K including liquid and solid state, kinetics, and equilibria. (S)
Prerequisites: CHEM 1212K, MATH 2254, and PHYS 1112K or PHYS 2212K.

CHEM 3500. Biochemistry. 3-0-3 Units.
The chemical aspects of protein, carbohydrate, lipid, and nucleic acid, and enzyme function, bioenergetics, metabolism, photosynthesis, nucleic acid function, and protein biosynthesis. (S,M)
Prerequisites: BIOL 1107K and CHEM 3211K.

CHEM 3700K. Environmental Chemistry. 3-3-4 Units.
This course will cover the environmental chemistry involving the transport, distribution, reactions, and speciation of inorganic, organometallic and organic chemicals occurring in the air, soil and water environments at the local, national and global scale. Environmental transformations and degradation processes, toxicology, pollution and hazardous substances will be discussed. (S)
Prerequisites: CHEM 3212K.

CHEM 3900. Readings in Chemistry. 0-0-2 Units.
Independent in-depth study of the literature within a topic of current research in Chemistry. Approval of a faculty supervisor required before registration. (F,S)
Prerequisites: 12 hours of Chemistry and permission of the instructor.

CHEM 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of chemistry. (S)
Prerequisites: 12 hours of upper level chemistry.

CHEM 4110K. Advanced Inorganic Chemistry. 3-3-4 Units.
Advanced theories of bonding and structure in inorganic chemistry with emphasis on ligand field theory, bioinorganic chemistry, and organometallic chemistry. (F)
Prerequisites: CHEM 3212K, CHEM 3311K.

CHEM 4420. Adv Organic Spectroscopy. 3-0-3 Units.
This course is intended to introduce the spectroscopic methods used in the modern determination of organic structures. This will primarily consist of the study of mass spectrometry (MS), infrared (IR) spectroscopy, and nuclear magnetic resonance (NMR) spectrometry. Some discussion will be devoted to instrumental methods, but the primary focus of the course will be acquiring skill in the interpretation of this spectral data. This course will include hands-on experience using instrumentation. (F)
Prerequisites: CHEM 3212K

CHEM 4430. Advanced Organic Chemistry. 3-0-3 Units.
Advanced topics in organic chemistry. Such topics include biomolecules, stereochemistry, physical organic chemistry, and heterocycles. (F)
Prerequisites: CHEM 3212K.

CHEM 4800. Service Learning in Chemistry. 0-0-1-4 Unit.
A lecture assistantship or laboratory assistantship within a chemistry course here at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Approval of both a faculty supervisor and department chair.
CHEM 4860. Internship in Chemistry. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (F,S,M).
Prerequisites: Permission of department chair.

CHEM 4900. Special Topics in Chemistry. 0-0-1-4 Unit.
Advanced concepts in chemistry will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. (Offered as Needed)
Prerequisites: CHEM 3212K and additional 3 upper level Chemistry courses.

CHEM 4960. Research in Chemistry. 0-0-1-4 Unit.
Research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor required before registration. Variable 1-4 hours. Repeatable for a maximum of 4 hours. (F,S)
Prerequisites: 16 hours of Chemistry and permission of the instructor.

Communication Bachelor of Arts
The Bachelor of Arts degree with a major in communication is designed to prepare graduates for a variety of careers in the field of communication. Students will have a solid grounding in the discipline and the opportunities to choose a concentration in social and digital media, organizational communication leadership, or film production through the Georgia Film Academy. The program will emphasize media literacy, information technology literacy, critical thinking, research, and strong writing and oral communication skills to meet workforce needs as well as prepare students for further study. Students will be required to earn a grade of C or better in COMM 1110 and all 2000- and upper-level communication courses.

Area A: Essential Skills
ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
MATH 1101 Intro to Mathematical Modeling 3
or MATH 1111 College Algebra

Area B: Institutional Options
COMM 1110 Fundamentals of Speech 3
Select one of the following electives: 1
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOl 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See advisor)

Area C: Humanities/Fine Arts*
Choose one to two ENGL course(s): 3-6
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I

ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature

If only one ENGL course chosen, add one of the following: 0-3
ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Science/Mathematics/Technology**
Eight Credit Hours of Lab Science Electives: 8

ASTR 1010 Astronomy of the Solar System & 1010L
and Astronomy of Solar Sys. Lab
ASTR 1020 Stellar and Galactic Astronomy & 1020L
and Stellar & Galac. Astronomy Lab
BIOL 1105K Environmental Studies
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
BIOL 1203K Principles of Botany
BIOL 1224K Entomology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
GEOL 1131K Geology & the Environment
PHYS 1111K Introductory Physics I
PHYS 1122K Introductory Physics II
PHYS 2211K Principles of Physics I
PHYS 2212K Principles of Physics II

Select one of the following electives: 3-4
ASTR 1010 Astronomy of the Solar System
ASTR 1020 Stellar and Galactic Astronomy
BIOL 1105K Environmental Studies
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
BIOL 1203K Principles of Botany
BIOL 1224K Entomology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
CMPS 1301 Principles of Programming I
CMPS 1302 Principles of Programming II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
GEOL 1131K Geology & the Environment
MATH 1113 Precalculus Mathematics
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>MATH 2181</td>
<td>Applied Calculus</td>
</tr>
<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
</tr>
<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
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**Area E: Social Sciences**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>or</td>
<td>HIST 2112 United States Hist since 1877</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
</tbody>
</table>

Select one of the following electives:

- ANTH 1103 Intro to Cultural Anthropology
- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- GEOG 1100 Introduction to Geography
- GEOG 1101 Intro to Human Geography
- GEOG 1111 Intro to Physical Geography
- HIST 1111 World Civilization to 1500 CE
- HIST 1112 World Civilization since 1500
- HIST 2111 United States History to 1877
- HIST 2112 United States Hist since 1877
- PHIL 1103 Intro to World Religions
- PHIL 2010 Intro to Philosophical Issues
- PHIL 2020 Logic and Critical Thinking
- POLS 2101 Intro to Political Science
- POLS 2201 State and Local Government
- POLS 2301 Comparative Politics
- POLS 2401 International Relations
- PSYC 2101 Psychology of Adjustment
- PSYC 2103 Human Development
- SOCI 1101 Introduction to Sociology
- SOCI 1160 Social Problems

**Area F: Major Related (Grades of C or better required.)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1100</td>
<td>Human Communications</td>
</tr>
<tr>
<td>COMM 2000</td>
<td>Intro to Mass Communication</td>
</tr>
<tr>
<td>COMM 2110</td>
<td>Interpersonal Communication</td>
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</tbody>
</table>

Choose one Foreign Language Sequence:

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>FREN 1001</td>
<td>Elementary French I</td>
</tr>
<tr>
<td>FREN 1002</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>FREN 2001</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>or</td>
<td>GRMN 1001 Elementary German I</td>
</tr>
<tr>
<td>or</td>
<td>GRMN 1002 Elementary German II</td>
</tr>
<tr>
<td>or</td>
<td>SPAN 1001 Elementary Spanish I</td>
</tr>
<tr>
<td>or</td>
<td>SPAN 1002 Elementary Spanish II</td>
</tr>
<tr>
<td>or</td>
<td>SPAN 1003 Accelerated Elementary Spanish</td>
</tr>
<tr>
<td>or</td>
<td>SPAN 2001 Intermediate Spanish I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
</tr>
</tbody>
</table>

Choose one of the following electives:

- ENGL 2101 Linguistics
- ENGL 2111 World Literature I
- ENGL 2112 World Literature II
- ENGL 2120 British Literature I
- ENGL 2121 British Literature II
- ENGL 2130 American Literature I
- ENGL 2131 American Literature II
- ENGL 2201 Intro to Film as Literature
- HUMN 1201 Expressions of Culture I
- HUMN 1202 Expressions of Culture II
- MUSC 1100 Music Appreciation
- THEA 1100 Theatre Appreciation
- THEA 2000 Practicum in Theatre (must be taken three times to receive credit here)
- THEA 2100 Play Development
- THEA 2300 Children’s Theatre

**Upper-Division Communication Core:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 3100</td>
<td>Intro to Communication Theory</td>
</tr>
<tr>
<td>COMM 3301</td>
<td>Communication for Prof Setting</td>
</tr>
<tr>
<td>COMM 3310</td>
<td>Communication Research Methods</td>
</tr>
<tr>
<td>COMM 3400</td>
<td>Organizational Communication</td>
</tr>
<tr>
<td>COMM 4001</td>
<td>Applied Research Methods</td>
</tr>
<tr>
<td>COMM 4180</td>
<td>Media Effects</td>
</tr>
<tr>
<td>COMM 4400/ENGL 4410</td>
<td>Studies in Film</td>
</tr>
<tr>
<td>COMM 4425</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>COMM 4602</td>
<td>Mass Media and Society</td>
</tr>
<tr>
<td>COMM 4999</td>
<td>Senior Seminar in Communication</td>
</tr>
</tbody>
</table>

Choose one Concentration:

**Generalist:**

Upper-division communication courses: 12-15

Minor from another department (must be declared): 15-18

**Organizational Communication Leadership Concentration:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 3000</td>
<td>Intro to Public Relations</td>
</tr>
<tr>
<td>COMM 4100</td>
<td>Integrated Marketing Comm</td>
</tr>
</tbody>
</table>

Organizational Communication Leadership Electives: 9

- COMM 3001 Principles of Advertising
- COMM 3101 Writing for Electronic Media
- COMM 3220 Persuasive Communication
- COMM 3425 Communication Small Grps/Teams
- COMM 3350 Listening
- COMM 3331 Nonverbal Communication
- COMM 3405 Readings in Leadership & Commu
- COMM 3500 Humor Communication
- COMM 3510 Political Communication
- COMM 3700 Intro to Video Production
- COMM 3705 Introduction to Screenwriting
- COMM 3900 Special Topics Communication
- COMM 4000 Communication Internship
- COMM 4110 Interperson Comm/Conflict Mgmt
- COMM 4380 Law & Ethics in Communication
Courses

COMM 1100. Human Communications. 3-0-3 Units.
Provides a broad approach to oral communication skills including interpersonal, interpersonal, small group, and public speaking. Presents students with an introduction to communication as a field of academic study. In addition, students will be required to demonstrate proficiency in various communication techniques, including public speaking, group presentations, and critical listening skills. (F, S)
Prerequisites: ENGL 0999 unless exempt.

COMM 1110. Fundamentals of Speech. 3-0-3 Units.
Provides the basic principles of effective oral communication. Emphasizes planning, researching, organizing, and presenting types of speeches used in business, educational, and political activities. Includes special attention to informative and persuasive expository speeches. (F, S) Pre- or co-requisite ENGL 0999, unless exempt.

COMM 1110H. Honors Fundamentals of Speech. 3-0-3 Units.

COMM 1120. Argumentation and Advocacy. 1-0-1 Unit.
Explores aspects of speech research and policy analysis. Students will research, develop, and persuasively argue selected topics. Additionally, the course will prepare students for competition in parliamentary and public debate. Issues to be discussed, analyzed, and debated include educational, political, and social events. (S, alternate years)
Prerequisites: COMM 1110.

COMM 2000. Intro to Mass Communication. 3-0-3 Units.
Provides a historical and social overview of the mass media and their relationship to the mass communication process in a modern society. (F, S, M)
Prerequisites: COMM 1110 and ENGL 1101 with grades of C or better.

COMM 2000H. Honors Mass Communication. 3-0-3 Units.

COMM 3000. Intro to Public Relations. 3-0-3 Units.
Explores aspects of speech research and policy analysis. Students will research, develop, and persuasively argue selected topics. Additionally, the course will prepare students for competition in parliamentary and public debate. Issues to be discussed, analyzed, and debated include educational, political, and social events. (S, alternate years)
Prerequisites: COMM 1110.

COMM 3000. Intro to Communication Theory. 3-0-3 Units.
Introduces the students to the diverse insights and approaches to the process of human communication, examining the philosophical and empirical backgrounds to the theories and the practical applications of the theories. The class will emphasize interactivity and use of communication skills as it examines theories of rhetorical, group, mass, interpersonal, and intercultural communication. (F)
Prerequisites: COMM 1110 with a C or better; COMM 2000.

COMM 3100. Principles of Advertising. 3-0-3 Units.
Focuses on the development of assertiveness, leadership, conflict resolution skills, critical thinking, and greater understanding of the complexities of the communication process. Practical and theoretical applications for all theories and concepts will be discussed. (F, S, M)
Prerequisites: COMM 1110 and ENGL 1101 with grades of C or better.

COMM 3200. Persuasive Communication. 3-0-3 Units.

COMM 3300. Persuasive Communication. 3-0-3 Units.

COMM 3400. Persuasive Communication. 3-0-3 Units.

COMM 3500. Persuasive Communication. 3-0-3 Units.

COMM 3600. Persuasive Communication. 3-0-3 Units.

COMM 3700. Persuasive Communication. 3-0-3 Units.

COMM 3800. Persuasive Communication. 3-0-3 Units.

COMM 3900. Persuasive Communication. 3-0-3 Units.

COMM 4000. Persuasive Communication. 3-0-3 Units.

COMM 4100. Persuasive Communication. 3-0-3 Units.

COMM 4200. Persuasive Communication. 3-0-3 Units.

COMM 4400. Persuasive Communication. 3-0-3 Units.

COMM 4500. Persuasive Communication. 3-0-3 Units.

COMM 4600. Persuasive Communication. 3-0-3 Units.

COMM 4700. Persuasive Communication. 3-0-3 Units.

COMM 4800. Persuasive Communication. 3-0-3 Units.

COMM 4900. Persuasive Communication. 3-0-3 Units.

COMM 5000. Persuasive Communication. 3-0-3 Units.

COMM 5100. Persuasive Communication. 3-0-3 Units.

COMM 5200. Persuasive Communication. 3-0-3 Units.

COMM 5300. Persuasive Communication. 3-0-3 Units.

COMM 5400. Persuasive Communication. 3-0-3 Units.

COMM 5500. Persuasive Communication. 3-0-3 Units.

COMM 5600. Persuasive Communication. 3-0-3 Units.

COMM 5700. Persuasive Communication. 3-0-3 Units.

COMM 5800. Persuasive Communication. 3-0-3 Units.

COMM 5900. Persuasive Communication. 3-0-3 Units.

COMM 6000. Persuasive Communication. 3-0-3 Units.

COMM 6100. Persuasive Communication. 3-0-3 Units.

COMM 6200. Persuasive Communication. 3-0-3 Units.

COMM 6300. Persuasive Communication. 3-0-3 Units.

COMM 6400. Persuasive Communication. 3-0-3 Units.

COMM 6500. Persuasive Communication. 3-0-3 Units.

COMM 6600. Persuasive Communication. 3-0-3 Units.

COMM 6700. Persuasive Communication. 3-0-3 Units.

COMM 6800. Persuasive Communication. 3-0-3 Units.

COMM 6900. Persuasive Communication. 3-0-3 Units.

COMM 7000. Persuasive Communication. 3-0-3 Units.

COMM 7100. Persuasive Communication. 3-0-3 Units.

COMM 7200. Persuasive Communication. 3-0-3 Units.

COMM 7300. Persuasive Communication. 3-0-3 Units.

COMM 7400. Persuasive Communication. 3-0-3 Units.

COMM 7500. Persuasive Communication. 3-0-3 Units.

COMM 7600. Persuasive Communication. 3-0-3 Units.

COMM 7700. Persuasive Communication. 3-0-3 Units.

COMM 7800. Persuasive Communication. 3-0-3 Units.

COMM 7900. Persuasive Communication. 3-0-3 Units.

COMM 8000. Persuasive Communication. 3-0-3 Units.

COMM 8100. Persuasive Communication. 3-0-3 Units.

COMM 8200. Persuasive Communication. 3-0-3 Units.

COMM 8300. Persuasive Communication. 3-0-3 Units.

COMM 8400. Persuasive Communication. 3-0-3 Units.

COMM 8500. Persuasive Communication. 3-0-3 Units.

COMM 8600. Persuasive Communication. 3-0-3 Units.

COMM 8700. Persuasive Communication. 3-0-3 Units.

COMM 8800. Persuasive Communication. 3-0-3 Units.

COMM 8900. Persuasive Communication. 3-0-3 Units.

COMM 9000. Persuasive Communication. 3-0-3 Units.

COMM 9100. Persuasive Communication. 3-0-3 Units.

COMM 9200. Persuasive Communication. 3-0-3 Units.

COMM 9300. Persuasive Communication. 3-0-3 Units.

COMM 9400. Persuasive Communication. 3-0-3 Units.

COMM 9500. Persuasive Communication. 3-0-3 Units.

COMM 9600. Persuasive Communication. 3-0-3 Units.

COMM 9700. Persuasive Communication. 3-0-3 Units.

COMM 9800. Persuasive Communication. 3-0-3 Units.

COMM 9900. Persuasive Communication. 3-0-3 Units.
COMM 3101. Writing for Electronic Media. 3-0-3 Units.
Non-fiction writing for television, radio, and the Internet focusing on issues such as public affairs, commercials, documentaries, and narrative pieces. (F) Prerequisite: COMM 1110 with a C or better; and COMM 2000 or instructor permission

COMM 3200. Sports Communication. 3-0-3 Units.
Examines the role communication plays in sports and sports organizations, including marketing, sports journalism, and critical examinations of how controversial issues in sports are discussed and disseminated by the media. (Offered as needed) Prerequisites: COMM 1110 with a C or better; English 1102.

COMM 3220. Persuasive Communication. 3-0-3 Units.
Focuses on the development of critical evaluation, research, and persuasive speaking skills. Individual oral presentations, small group problem-solving discussions, and debating contexts will be considered. (S) Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3301. Communication for Prof Setting. 3-0-3 Units.
Introduces baccalaureate students outside of the School of Business to the purposes, modes, and desired outcomes of oral and written communication in the business and professional workplace. Topics will include internal and external correspondence such as letters, email, reports, and newsletters; communication tasks involved in gaining employment; understanding the contemporary workplace environment; communicating in groups and teams; and public presentation for training and sales. (FS, M online) Prerequisites: ENGL 1102 with a grade of C or better; COMM 1110 with a grade of C or better; successful completion of at least 30 credit hours.

COMM 3310. Communication Research Methods. 3-0-3 Units.
Examines research methods including survey, experimental, observational, and content analysis methods as well as philosophy of science, research design, measurement, sampling, data collection, analysis, interpretation, and reporting. (S) Prerequisites: COMM 1100, COMM 1110, COMM 2110 with a C or better; COMM 2000; COMM 3100.

COMM 3330. Advanced Communication Skills. 3-0-3 Units.
(F through eMajor) Prerequisites: COMM 1110 with a C or better.

COMM 3331. Nonverbal Communication. 3-0-3 Units.
A review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance. (When needed) Prerequisites: COMM 1110 with a C or better; COMM 2110 or instructor permission

COMM 3332. New Communication Technology. 3-0-3 Units.
Relates the design, development, and the use of new communication technologies to social, economic, and policy implications. (Offered as needed) Prerequisite: COMM 1110 with a C or better; COMM 2000

COMM 3350. Listening. 3-0-3 Units.
This course teaches students to understand the complexity of listening and the nature of listening in the human communication process. This course will stress six skill areas: 1) hearing messages, 2) understanding messages, 3) remembering messages, 4) interpreting messages, 5) evaluating messages, and 6) responding to messages. (F, alternate years) Prerequisite: COMM 1110 with a C or better; COMM 2110

COMM 3400. Organizational Communication. 3-0-3 Units.
Introduces students to the processes and principles that explain the way organizations communicate both internally and externally. Examines topics such as organizational cultures, conflict management, initiating change, leadership, team building, globalization, technology, and organizational diversity, etc. Exposes students to organizational communication from a historical and theoretical perspective, as well as an examination of current trends. (F) Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3405. Readings in Leadership & Commu. 3-0-3 Units.
Examines leadership theory in light of the communication discipline (in reference to communication theory and practice) and offers opportunities for students to understand leadership theory and to examine practices of communication in leadership across multiple sectors of social, educational, and political contexts. (F, alternate years) Prerequisites: COMM 1110 and COMM 2000

COMM 3425. Communication Small Grps/Teams. 3-0-3 Units.
Examines the theories behind small group interaction with a view to equipping students to perform leadership roles in small educational discussion groups, work teams, parliamentary style meetings, and decision-making groups. Emphasis will be placed on practical application, listening skills, conflict resolution, arriving at consensus, creativity, and critical thinking with many opportunities for leadership development. (F, alternate years) Prerequisites: COMM 1110 with a C or better; COMM 2000.

COMM 3500. Humor Communication. 3-0-3 Units.
Explores humor as a communication device in a variety of contexts including, but not limited to, interpersonal communication, public address, organizational communication, language health communication, humor theory, intercultural communication, and humor in the media. Focuses on theoretical moorings and application to real-world settings. (S) Prerequisites: COMM 1110 with a C or better; ENGL 1101.

COMM 3510. Political Communication. 3-0-3 Units.
This course will examine political campaigns, elections, and American politics with regard to the use of communication. Strategic communication and planning campaign strategies will also be covered. (When needed) Prerequisites: COMM 1110 with a C or better; COMM 2000; COMM 3100.

COMM 3700. Intro to Video Production. 3-0-3 Units.
Presents the basic skills in pre-production, video production, and post-production. Specific skills will include storyboarding, lighting, audio recording, cinematography, and non-linear audio and video production. (F) Prerequisites: COMM 1100, COMM 2000, and COMM 2110.

COMM 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one's own work and the work of others as a screenwriter, dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years) Prerequisites: ENGL 1102 with a C or better.
COMM 3801. Epublishing. 3-0-3 Units.
Introduces the student to the following categories in Epublishing: history of the phenomena of epublishing, current venues for self- and traditional publishing through ebooks, technology used for formatting and reading ebooks, marketing ebooks, and social media. This class also contains a creative writing component in which students will do and receive peer review on their writing projects. (When needed)
Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3900. Special Topics Communication. 3-0-3 Units.
Offers an examination of rotating topics relevant to the field of communication. This course may be repeated twice for credit when topics vary. (When needed)
Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 4000. Communication Internship. 0-10-3 Units.
Provides experience in applying communication skills in a variety of professional environments, including large corporations, media outlets (television, radio, newspapers, etc.), educational institutions, and others. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Repeatable for a maximum of 6 credit hours. (F, S, M)
Prerequisites: COMM 1110 with a C or better; 15 hours of COMM coursework and permission of instructor.

COMM 4001. Applied Research Methods. 3-0-3 Units.
Builds on COMM 3310 to strengthen communication majors’ knowledge and proficiency in conducting mixed-methods research that includes qualitative and quantitative methods, in analyzing and interpreting data to include basic descriptive and inferential statistical analyses, and drawing defensible conclusions. The instructor may allow individualized or group projects to teach these skills. Methods valuable to academic and industry research will be included. Students will learn about Institutional Review Board approval, selecting methodologies, conducting data collection and analysis, and presenting findings orally and in writing. Presentation in a public forum is also possible. (F)
Prerequisites: COMM 3310 and 3100.

COMM 4100. Integrated Marketing Comm. 3-0-3 Units.
This course will provide students with both a theoretical and practical understanding of integrated marketing communication, such as inbound and outbound promotional channels—advertisements, direct marketing, public relations, sponsorships, sales promotion, interactive and social media, and more. (S) Prerequisite: COMM 1110 with a C or better; COMM 2000, COMM 3100, COMM 3301

COMM 4110. Interperson Comm/Conflict Mgmt. 3-0-3 Units.
Introduces students to the basic principles of effective communication and conflict interaction. Explores conflict in groups, organizations, romantic relationships, family relationships, and friendships, building from a primarily interpersonal focus to investigate how conflict occurs and handled in broader contexts. (S, alternate years)
Prerequisites: COMM 3100.

COMM 4140. Mass Media & Popular Culture. 3-0-3 Units.
Explores contemporary popular culture via critical cultural theories that examine social dimensions such as power, gender, cultural identity, media aesthetics, and visual communication. The class will consider the impacts of the production and reception of modern media texts. (F; alternating years)
Prerequisites: COMM 2000, COMM 3100.

COMM 4180. Media Effects. 3-0-3 Units.
Examines individuals’ selection, uses, and perceptions of media and the effects of media on individuals’ attitudes, beliefs, and behaviors. (S)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4200. Social Media Communication. 3-0-3 Units.
This course explores the evolution of social media platforms, the research methodologies and emerging research in social media platforms, and current and future trends in the industry and scholarship. (F; alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 3100.

COMM 4300. Emerging Media. 3-0-3 Units.
Provides students with in-depth historical and social perspectives on newly emerged and emerging digital media, namely in the form of the internet, and explores their relationship to the communication process in contemporary society. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4380. Law & Ethics in Communication. 3-0-3 Units.
This first part of this course will examine the development, interpretation, and case law surrounding the First Amendment and government regulations of media; the second part will explore various philosophical approaches to ethical communication, both public and private, moving from the ancient world to modern theorists. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4400. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include Film and the Novel, Representations of Women in Film, Teen Cultures in Film, etc. (S)
Prerequisite: COMM 3100

COMM 4425. Intercultural Communication. 3-0-3 Units.
Explores the meaning of culture, intercultural theories and research and examines the interactions of members of various cultures. Barriers to effective intercultural communication will be examined, as will methods of improving intercultural communication. (F and/or S, as needed)
Prerequisites: COMM 1110 with a C or better; COMM 2000.

COMM 4602. Mass Media and Society. 3-0-3 Units.
Critically explores mass media’s effect and influence on society through an examination of communication theories, concepts, and principles. (F)
Prerequisites: COMM 3100; COMM 2000 with a C or better.

COMM 4711. Gender and Communication. 3-0-3 Units.
Exposes students to the theory and process of gender communication (about and between genders) from an interpersonal context perspective. (As needed)
Prerequisites: COMM 1110 with a C or better; COMM 2110.

COMM 4999. Senior Seminar in Communication. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Topics vary. (F; S)
Prerequisites: 30 hours of upper-level Communication courses and permission of chair and advisor.

Criminal Justice Bachelor of Science

The Bachelor of Science degree with a major in criminal justice prepares students to work in the areas of municipal, state, and federal law enforcement; corrections; and juvenile justice and probation. This degree program also provides a firm foundation in the analytical, communication, and research skills needed for law and graduate school.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
<td>3</td>
</tr>
</tbody>
</table>

COMM 4200. Social Media Communication. 3-0-3 Units.
This course explores the evolution of social media platforms, the research methodologies and emerging research in social media platforms, and current and future trends in the industry and scholarship. (F; alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 3100.

COMM 4300. Emerging Media. 3-0-3 Units.
Provides students with in-depth historical and social perspectives on newly emerged and emerging digital media, namely in the form of the internet, and explores their relationship to the communication process in contemporary society. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4380. Law & Ethics in Communication. 3-0-3 Units.
This first part of this course will examine the development, interpretation, and case law surrounding the First Amendment and government regulations of media; the second part will explore various philosophical approaches to ethical communication, both public and private, moving from the ancient world to modern theorists. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

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Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include Film and the Novel, Representations of Women in Film, Teen Cultures in Film, etc. (S)
Prerequisite: COMM 3100

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Explores the meaning of culture, intercultural theories and research and examines the interactions of members of various cultures. Barriers to effective intercultural communication will be examined, as will methods of improving intercultural communication. (F and/or S, as needed)
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COMM 4999. Senior Seminar in Communication. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Topics vary. (F; S)
Prerequisites: 30 hours of upper-level Communication courses and permission of chair and advisor.
or MATH 1101  Intro to Mathematical Modeling  
or MATH 1111  College Algebra  
or MATH 1113  Precalculus Mathematics  
or MATH 1401  Elementary Statistics  

<table>
<thead>
<tr>
<th>Area B: Intitutional Options</th>
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</thead>
<tbody>
<tr>
<td>COMM 1110  Fundamentals of Speech</td>
</tr>
<tr>
<td>One of the following electives:</td>
</tr>
<tr>
<td>COMM 1120  Argumentation and Advocacy</td>
</tr>
<tr>
<td>ENGL 1105  Intro to Greek Mythology</td>
</tr>
<tr>
<td>ENGL 1110  Creative Writing</td>
</tr>
<tr>
<td>GEOI 1000  Natural Hazards</td>
</tr>
<tr>
<td>HIST 1050  Appalachian Hist-Special Topic</td>
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<tr>
<td>HIST 1051  Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030  Health and Wellness Concepts</td>
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<tr>
<td>HUMN 1000  Mystery Fiction in Pop Culture</td>
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<tr>
<td>HUMN 1100  Political and Social Rhetoric</td>
</tr>
<tr>
<td>HUMN 1300  Christian Fiction/Pop Culture</td>
</tr>
<tr>
<td>SOCI 1000  Race and Ethnicity in America</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Area C: Humanities/Fine Arts</th>
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</thead>
<tbody>
<tr>
<td>Choose one to two ENGL course(s):</td>
</tr>
<tr>
<td>ENGL 2000  Topics in Literature &amp; Culture</td>
</tr>
<tr>
<td>ENGL 2111  World Literature I</td>
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<tr>
<td>ENGL 2112  World Literature II</td>
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<tr>
<td>ENGL 2120  British Literature I</td>
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<tr>
<td>ENGL 2121  British Literature II</td>
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<tr>
<td>ENGL 2130  American Literature I</td>
</tr>
<tr>
<td>ENGL 2131  American Literature II</td>
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<tr>
<td>ENGL 2201  Intro to Film as Literature</td>
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<thead>
<tr>
<th>Area D: Science/Mathematics/Technology</th>
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</thead>
<tbody>
<tr>
<td>Eight Credit Hours of Lab Science Electives:</td>
</tr>
<tr>
<td>ASTR 1010  Astronomy of the Solar System</td>
</tr>
<tr>
<td>&amp; 1010L  and Astronomy of Solar Sys. Lab</td>
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<tr>
<td>ASTR 1020  Stellar and Galactic Astronomy</td>
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<tr>
<td>&amp; 1020L  and Stellar &amp; Galac. Astronomy Lab</td>
</tr>
<tr>
<td>BIOL 1105K  Environmental Studies</td>
</tr>
<tr>
<td>BIOL 1107K  Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1108K  Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1203K  Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K  Entomology</td>
</tr>
<tr>
<td>CHEM 1151K  Survey of Chemistry</td>
</tr>
<tr>
<td>CHEM 1211K  Principles of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1212K  Principles of Chemistry II</td>
</tr>
<tr>
<td>GEOI 1121K  Principles of Geology</td>
</tr>
<tr>
<td>GEOL 1122K  Historical Geology</td>
</tr>
<tr>
<td>GEOL 1131K  Geology &amp; the Environment</td>
</tr>
<tr>
<td>PHYS 1111K  Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K  Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K  Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K  Principles of Physics II</td>
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<thead>
<tr>
<th>Area E: Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose two of the following electives:</td>
</tr>
<tr>
<td>ASTR 1010  Astronomy of the Solar System</td>
</tr>
<tr>
<td>ASTR 1020  Stellar and Galactic Astronomy</td>
</tr>
<tr>
<td>BIOL 1105K  Environmental Studies</td>
</tr>
<tr>
<td>BIOL 1107K  Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1108K  Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1203K  Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K  Entomology</td>
</tr>
<tr>
<td>CHEM 1151K  Survey of Chemistry</td>
</tr>
<tr>
<td>CHEM 1211K  Principles of Chemistry I</td>
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<tr>
<td>CHEM 1212K  Principles of Chemistry II</td>
</tr>
<tr>
<td>CMPS 1301  Principles of Programming I</td>
</tr>
<tr>
<td>CMPS 1302  Principles of Programming II</td>
</tr>
<tr>
<td>MATH 1113  Precalculus Mathematics</td>
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<tr>
<td>MATH 1401  Elementary Statistics</td>
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<tr>
<td>MATH 2181  Applied Calculus</td>
</tr>
<tr>
<td>MATH 2253  Calculus and Analytic Geom I</td>
</tr>
<tr>
<td>MATH 2254  Calculus and Analytic Geom II</td>
</tr>
<tr>
<td>PHYS 1111K  Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K  Introductory Physics II</td>
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<tr>
<td>PHYS 2211K  Principles of Physics I</td>
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<tr>
<td>PHYS 2212K  Principles of Physics II</td>
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<tr>
<td>HIST 2111  United States History to 1877</td>
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<tr>
<td>or HIST 2112  United States Hist since 1877</td>
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<tr>
<td>POLS 1101  American Government</td>
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<tr>
<th>Area F: Major Related</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two of the following electives:</td>
</tr>
<tr>
<td>ANTH 1103  Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>ECON 2105  Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2106  Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 1100  Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1101  Intro to Human Geography</td>
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<tr>
<td>GEOG 1111  Intro to Physical Geography</td>
</tr>
<tr>
<td>HIST 1111  World Civilization to 1500 CE</td>
</tr>
<tr>
<td>HIST 1112  World Civilization since 1500</td>
</tr>
<tr>
<td>HIST 2111  United States History to 1877</td>
</tr>
<tr>
<td>HIST 2112  United States Hist since 1877</td>
</tr>
<tr>
<td>PHIL 1103  Intro to World Religions</td>
</tr>
<tr>
<td>PHIL 2010  Intro to Philosophical Issues</td>
</tr>
<tr>
<td>PHIL 2020  Logic and Critical Thinking</td>
</tr>
<tr>
<td>POLS 2101  Intro to Political Science</td>
</tr>
<tr>
<td>POLS 2301  Comparative Politics</td>
</tr>
<tr>
<td>POLS 2401  International Relations</td>
</tr>
<tr>
<td>PSYC 1101  Introduction to Psychology</td>
</tr>
<tr>
<td>SOCI 1101  Introduction to Sociology</td>
</tr>
</tbody>
</table>
All CRJU classes require a grade of C or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>CRJU 1100</td>
<td>Intro to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 2100</td>
<td>Intro to Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 2200</td>
<td>The Judicial Process</td>
<td>3</td>
</tr>
</tbody>
</table>

Three of the following electives: 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>COMM 1100</td>
<td>Human Communications</td>
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</tr>
<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
<td></td>
</tr>
<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
<td></td>
</tr>
<tr>
<td>SOCI 1160</td>
<td>Social Problems</td>
<td></td>
</tr>
<tr>
<td>SPAN 1001</td>
<td>Elementary Spanish I (or Spanish 1003)</td>
<td></td>
</tr>
<tr>
<td>SPAN 2034</td>
<td>Spanish for Criminal Justice</td>
<td></td>
</tr>
</tbody>
</table>

Eleven of the following electives: 33

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJU 3250</td>
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PHED Activity Elective 1

Total Hours 121-122

* MATH 1401, PSYC 1101, and SOCI 1101 are strongly recommended.

Criminal Justice Minor

A minor in Criminal Justice must include 15 credit hours of criminal justice course work, with at least 9 hours at the 3000-level or above. Please see /minors/criminaljustice/ (p. 69)

Courses

CRJU 1100. Intro to Criminal Justice. 3-0-3 Units.
Introduces the structure, functions, and operations of criminal justice agencies, including the police, the courts, and corrections,(F,S)
Prerequisites: ENGL 0999 unless exempt.

CRJU 2100. Intro to Law Enforcement. 3-0-3 Units.
Provides an overview of law enforcement in a free society and the relationship of police to the criminal justice system as a whole. History, organization, operations, and selected issues are examined. (F)
Completion of or exemption from co-requisite Learning Support English 0999.

CRJU 2200. The Judicial Process. 3-0-3 Units.
Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels. Completion of or exemption from Learning Support English.

CRJU 3100. Criminal Law. 3-0-3 Units.
Offers an overview of both substantive and procedural law related to the definitions, investigations, processing, and punishment of crimes. The course will introduce students to the legal idea of criminal responsibility, the concept and elements of criminal responsibility, required state of mind (mens rea), and prohibited conduct (actus reus). The course discusses the substantive content, structure, and sources of major crimes against persons and property and provides a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches.
Prerequisites: CRJU 2200 or 4100.

CRJU 3101. Criminal Law II. 3-0-3 Units.
Offers a more extensive examination of the crimes addressed in CRJU 3100, as well as an exploration of more theoretical issues including Actus Reus, Mens Rea, and the conflict between criminal law and constitutional protections, including the right of privacy, freedom of speech, and religious freedom.

CRJU 3110. Criminal Procedure. 3-0-3 Units.
A study the nature and function of the law regulating the criminal processes, policies, and procedures in the administration of criminal justice. Special attention will be given to United States Supreme decisions.(F)
Prerequisites: CRJU 2200 or CRJU 4100.

CRJU 3200. Criminology. 3-0-3 Units.
A study of the nature and scope of crime in society with an emphasis on criminological theories.(S)
Prerequisites: CRJU 1100.
CRJU 3250. Crime and the Media. 3-0-3 Units.
Analyzes the role the mass media has on human behavior, subsequently affecting human judgment, attitudes, perceptions of crime, and societal reactions to crime in general. This course analyzes how the general public processes the ‘criminal event’ and other pertinent information regarding crime and how this process is fundamentally derived from the media and is an instrumental element in the creation of fear of crime.
Prerequisites: CRJU 1100.

CRJU 3300. Corrections. 3-0-3 Units.
A study of the history, structure, and functions of corrections as well as the legal and philosophical basis for the punishment of criminal offenders.
Prerequisites: CRJU 1100.

CRJU 3350. Drugs in America. 3-0-3 Units.
Explores and analyzes the complex experience of illicit drug use in America from multiple angles with specific attention to the ways that our culture understands drugs, drug use, and drug policy as a social/criminal justice problem. Topics include punishment, interdiction, prevention, and rehabilitation.
Prerequisites: CRJU 1100.

CRJU 3400. Juvenile Delinquency & Justice. 3-0-3 Units.
Reviews the juvenile justice system, including the impact of Supreme Court decisions, and examines the theories of juvenile delinquency and the implication of those theories for preventing and controlling juvenile deviance.
Prerequisites: CRJU 1100.

CRJU 3450. White Collar Crime. 3-0-3 Units.
Provides an introduction to white-collar crime in the United States. Topics include definition of and various types of white-collar crimes, who commits this type of crime and why they engage in white-collar crime, as well as how perpetrators are dealt with by the criminal justice system.
Prerequisites: CRJU 1100.

CRJU 3500. Criminal Investigation I. 3-0-3 Units.
An overview of principles, techniques, law and procedure involved in the criminal investigative process from its inception to culmination.
Prerequisites: CRJU 1100.

CRJU 3501. Criminal Investigation II. 3-0-3 Units.
Continues information introduced in CRJU 3500, with special focus on the investigation of the crimes of burglary, robbery, forgery, homicide, assault, and bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as well as obtaining fingerprints and other types of latent evidence.
Prerequisites: CRJU 3500.

CRJU 3550. Comparative Criminology. 3-0-3 Units.
Provides an overview and analysis of criminal justice systems-police, courts, and corrections-in selected eastern and western nations, as well as an analysis of the causes of crime in selected nations.
Prerequisites: CRJU 1100.

CRJU 3600. Criminal Justice Admin. 3-0-3 Units.
Introduction to criminal justice management theory, practice, and policy. This course includes a review of traditional schools or organizational theory, including bureaucracy, scientific management, human relations, and the behavioral approach, with particular emphasis on how each applies to criminal justice agencies.
Prerequisites: CRJU 1100.

CRJU 3700. Crim Just Research Methodology. 3-0-3 Units.
An introduction to criminal justice research methodologies, with a focus on research design, ethical concerns, conceptualization, sampling, data analysis, interpretation of research results, report writing, and application of research findings.
Prerequisites: CRJU 3200, ENGL 3000.

CRJU 3710. Special Topics in Crim Just. 1-0-1-3 Unit.
An intensive study of a specific topic relevant to criminal justice, including sex crimes, terrorism, drug law, or capital punishment. This course may be taken for a total of nine credit hours when topics vary.
Prerequisites: CRJU 1100.

CRJU 3800. Race, Ethnicity & Crim Justice. 3-0-3 Units.
Addresses the racial impact of criminal laws enacted by the people’s elected representatives, the actions and policies of law enforcement agencies, the courts, correctional institutions, the juvenile justice system, and the death penalty. Raises awareness and promotes critical thinking about the problems that exist in our system, how those problems originated and evolved, and possible solutions for these problems.
Prerequisites: CRJU 1100.

CRJU 3810. Victimology. 3-0-3 Units.
Addresses the physical, emotional, and financial impact of crime victimization; the relationship between victims and offenders; how the criminal justice system interacts with crime victims; and the policies designed by the government to offer assistance to individuals who are victimized by crime. Raises awareness and promotes critical thinking and problem solving about the most effective strategies for interaction with crime victims, the measurement of crime victimization, and victim trends.
Prerequisites: CRJU 1100.

CRJU 3850. Deviance, Soc Cntrl&Collec Vio. 3-0-3 Units.
Reviews the nature of deviance and social control, including terrorism, riots, lynching, vigilantism and genocide, in three segments: collective deviance, collective violence and the theoretical models, including Pure Sociology, associated with collective deviance and collective violence.
Prerequisites: CRJU 1100.

CRJU 4000. Internship in Criminal Justice. 0-12-3 Units.
Supervised, practical experience in an appropriate criminal justice agency. This course allows students the opportunity to discover the integration between theory and practice. This course may be taken three times for a total of nine hours of credit.
Prerequisites: Permission of Instructor and 12 credit hours of upper-level Criminal Justice courses.

CRJU 4110. The Law of Criminal Evidence. 3-0-3 Units.
Addresses the problems and solutions that exist in our system, how those problems originated and evolved, and possible solutions for these problems.
Prerequisites: CRJU 1100.

CRJU 4120. Profiling the Serial Offender. 3-0-3 Units.
An examination of the type and patterns of crimes committed by serial offenders and the process by which profiles are developed to solve these crimes.
Prerequisites: CRJU 1100.
CRJU 4210. Terrorism & Crim Just System. 3-0-3 Units.
An examination of the motives and actions of terrorists, the governmental response to terrorism, especially in the wake of 9/11, and the legal and constitutional restraints on the government. Included will be issues such as surveillance of American citizens, detention of suspected terrorists, enemy combatants, limits on the methods of interrogation, and use of military tribunals.
Prerequisites: CRJU 3700.

CRJU 4300. Community Corrections. 3-0-3 Units.
An examination of alternatives to incarceration. Special emphasis will be given to the issues of probation and parole, as well as diversion, community service, electronic monitoring, and various treatment programs.
Prerequisites: CRJU 2261 or CRJU 3300 or CRJU 3400.

CRJU 4350. Family Violence. 3-0-3 Units.
Explores a range of crimes that occur in the family setting, including violence between intimate partners, child abuse, and neglect. Theoretical factors, as well as how the criminal justice system responds to both victims and perpetrators of family violence, will be examined.
Prerequisites: CRJU 1100.

CRJU 4500. Management of Forensics. 3-0-3 Units.
The scientific investigation of crime with emphasis on the collection, analysis, comparison, and identification of physical evidence.
Prerequisites: CRJU 1100, CRJU 3500.

CRJU 4600. Police Practices and Issues. 3-0-3 Units.
An advanced examination of policing, exploring topics including the police subculture, the police use of discretion, the broken-windows approach, community policing, and problem-solving approaches.
Prerequisites: CRJU 1100 and CRJU 2100.

CRJU 4700. Ethical Issues in Crim Justice. 3-0-3 Units.
An examination of the philosophical theories underlying ethics and how they relate to issues involving the police, courts, corrections, law, and principles of justice.
Prerequisites: CRJU 1100.

CRJU 4710. Readings in Criminal Justice. 3-0-3 Units.
Permits selected students to pursue approved topics through independent study under the direction of a faculty member. This course may be taken twice for a total of six credit hours with change of topics.
Prerequisites: Permission of Instructor.

CRJU 4750. Advanced Criminological Theory. 3-0-3 Units.
Expands on the study of criminology as examined in CRJU 3200. This course provides further and more in-depth understanding of why people engage in criminal behavior, the policies that are derived from criminological theory, and how those policies are implemented. This is an advanced class and will be taught in a fashion similar to a graduate-level class to help students prepare for graduate and/or law school.
Prerequisites: CRJU 3200 and ENGL 3000. Prerequisite or co-requisite: CRJU 3700.

CRJU 4800. Senior Capstone in CRJU. 3-0-3 Units.
Serves as the comprehensive experience in criminal justice utilizing the student’s knowledge and academic skills, including pursuing archival research, journal keeping, note taking and report writing to address a topic or issue of contemporary interest in criminal justice or one of its sub-fields. The course will be taught at the senior level and will focus on criminal justice issues at the national and international levels. In addition to the course requirements, students will complete a major research paper that results in an end-of-semester presentation to the class. This course serves as a capstone course for criminal justice majors.
Prerequisites: CRJU 3700, 45 hours of upper-level criminal justice courses, senior standing.

Criminal Justice eMajor, B.S.

The eMajor is a University System of Georgia collaborative program that delivers flexible, online degree programs through USG affiliate institutions. The goal of eMajor is to provide high quality online degrees that are designed to expand career options through development of critical thinking and leadership skills. The eMajor in criminal justice prepares students to work in the areas of municipal, state, and federal law enforcement; corrections; and juvenile justice and probation. This degree program provides a firm foundation in the analytical, communication, and research skills needed for law and graduate school.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
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<th>Units</th>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
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<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<tr>
<td>or MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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<td>or MATH 1401</td>
<td>Elementary Statistics</td>
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Area B: Institutional Options

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<tr>
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<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
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<td>or</td>
<td>Argumentation and Advocacy</td>
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<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<td>ENGL 1110</td>
<td>Creative Writing</td>
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<tr>
<td>ETEC 1101</td>
<td>Elec Tech in Educ Enviro (2 credit hours)</td>
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<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<tr>
<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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<th>Course</th>
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<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
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</table>
ENGL 2121  British Literature II
ENGL 2130  American Literature I
ENGL 2131  American Literature II
ENGL 2201  Intro to Film as Literature

If only one ENGL course chosen, add one of the following: 0-3

ARTS 1100  Art Appreciation
HUMN 1201  Expressions of Culture I
HUMN 1202  Expressions of Culture II
MUSC 1100  Music Appreciation
MUSC 1110  World Music
MUSC 1120  American Music
THEA 1100  Theatre Appreciation

Area D: Science/Mathematics/Technology
Eight credit hours of Lab Science Electives: 8

ASTR 1010 & 1010L  Astronomy of the Solar System and Astronomy of Solar Sys. Lab
ASTR 1020 & 1020L  Stellar and Galactic Astronomy and Stellar & Galac. Astronomy Lab
BIOL 1105K  Environmental Studies
BIOL 1107K or BIOL 1011K  Principles of Biology I
or Introduction to Biology
BIOL 1108K  Principles of Biology II
BIOL 1203K  Principles of Botany
BIOL 1224K  Entomology
CHEM 1151K  Survey of Chemistry
CHEM 1211K  Principles of Chemistry I
CHEM 1212K  Principles of Chemistry II
GEOL 1121K  Principles of Geology
GEOL 1122K  Historical Geology
GEOL 1131K  Geology & the Environment
PHYS 1111K  Introductory Physics I
PHYS 1112K  Introductory Physics II
PHYS 2211K  Principles of Physics I
PHYS 2212K  Principles of Physics II

One of the following electives: 3-4

ASTR 1010  Astronomy of the Solar System
ASTR 1020  Stellar and Galactic Astronomy
BIOL 1105K  Environmental Studies
BIOL 1107K or BIOL 1011K  Principles of Biology I
or Introduction to Biology
BIOL 1108K  Principles of Biology II
BIOL 1203K  Principles of Botany
BIOL 1224K  Entomology
CHEM 1151K  Survey of Chemistry
CHEM 1211K  Principles of Chemistry I
CHEM 1212K  Principles of Chemistry II
CMPS 1301  Principles of Programming I
CMPS 1302  Principles of Programming II
ENVS 2202  Environmental Sciences
MATH 1113  Precalculus Mathematics
MATH 1401  Elementary Statistics
MATH 2181  Applied Calculus
MATH 2253  Calculus and Analytic Geom I
or MATH 1501  Calculus I
MATH 2254  Calculus and Analytic Geom II
PHYS 1111K  Introductory Physics I
PHYS 1112K  Introductory Physics II
PHYS 2211K  Principles of Physics I
PHYS 2212K  Principles of Physics II

Area E: Social Sciences

HIST 2111  United States History to 1877
or HIST 2112  United States Hist since 1877
POLS 1101  American Government

Choose two electives: 6

ANTH 1103  Intro to Cultural Anthropology
ECON 2105  Principles of Macroeconomics
ECON 2106  Principles of Microeconomics
GEOG 1100  Introduction to Geography
GEOG 1101  Intro to Human Geography
GEOG 1111  Intro to Physical Geography
HIST 1111  World Civilization to 1500 CE
HIST 1112  World Civilization since 1500
HIST 2111  United States History to 1877
HIST 2112  United States Hist since 1877
PHIL 1103  Intro to World Religions
PHIL 2010  Intro to Philosophical Issues
PHIL 2020  Logic and Critical Thinking
POLS 2101  Intro to Political Science
POLS 2301  Comparative Politics
POLS 2401  International Relations
PSYC 1101  Introduction to Psychology
SOCI 1101  Introduction to Sociology

Area F: Major Related
All CRJU classes require a grade of C or better.
CRJU 1100  Intro to Criminal Justice
CRJU 2100  Intro to Law Enforcement
CRJU 2200  The Judicial Process

Choose three electives: 9

COMM 1100  Human Communications
PHIL 2020  Logic and Critical Thinking
POLS 2201  State and Local Government
SOCI 1160  Social Problems
SPAN 1001  Elementary Spanish I (or SPAN 1003)
SPAN 2034  Spanish for Criminal Justice

Upper Level Curriculum

CRJU 3100  Criminal Law
CRJU 3110  Criminal Procedure
CRJU 3200  Criminology
CRJU 3300  Corrections
CRJU 3400  Juvenile Delinquency & Justice
CRJU 3700  Crim Just Research Methodology
CRJU 4700  Ethical Issues in Crim Justice
CRJU 4800  Senior Capstone in CRJU
ENGL 3000  Writing for Educ/Soc Sciences
**Eleven of the following electives:**

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**Total Hours:** 120-121

* BIOL 1105K and ENVS 2202 are equivalent courses; only one will apply towards degree.

** MATH 1401, PSYC 1101, and SOCI 1101 are strongly recommended.

**Courses**

**CRJU 1100. Intro to Criminal Justice. 3-0-3 Units.**

Introduces the structure, functions, and operations of criminal justice agencies, including the police, the courts, and corrections. (F:S) Prerequisites: ENGL 0999 unless exempt.

**CRJU 2100. Intro to Law Enforcement. 3-0-3 Units.**

Provides an overview of law enforcement in a free society and the relationship of police to the criminal justice system as a whole. History, organization, operations, and selected issues are examined. (F) Completion of or exemption from co-requisite Learning Support English 0999.

**CRJU 2200. The Judicial Process. 3-0-3 Units.**

Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels. Completion of or exemption from Learning Support English.

**CRJU 3100. Criminal Law. 3-0-3 Units.**

Offers an overview of both substantive and procedural law related to the definitions, investigations, processing, and punishment of crimes. The course will introduce students to the legal idea of criminal responsibility, the concept and elements of criminal responsibility, required state of mind (mens rea), and prohibited conduct (actus reus). The course discusses the substantive content, structure, and sources of major crimes against persons and property and provides a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches. Prerequisites: CRJU 2200 or 4100.

**CRJU 3101. Criminal Law II. 3-0-3 Units.**

Offers a more extensive examination of the crimes addressed in CRJU 3100, as well as an exploration of more theoretical issues including Actus Reus, Mens Rea, and the conflict between criminal law and constitutional protections, including the right of privacy, freedom of speech, and religious freedom.

**CRJU 3110. Criminal Procedure. 3-0-3 Units.**

A study the nature and function of the law regulating the criminal processes, policies, and procedures in the administration of criminal justice. Special attention will be given to United States Supreme decisions. (F) Prerequisites: CRJU 2200 or CRJU 4100.

**CRJU 3200. Criminology. 3-0-3 Units.**

A study of the nature and scope of crime in society with an emphasis on criminological theories. (S) Prerequisites: CRJU 1100.

**CRJU 3250. Crime and the Media. 3-0-3 Units.**

Analyzes the role the mass media has on human behavior, subsequently affecting human judgment, attitudes, perceptions of crime, and societal reactions to crime in general. This course analyzes how the general public processes the ‘criminal event’ and other pertinent information regarding crime and how this process is fundamentally derived from the media and is an instrumental element in the creation of fear of crime. Prerequisites: CRJU 1100.

**CRJU 3300. Corrections. 3-0-3 Units.**

A study of the history, structure, and functions of corrections as well as the legal and philosophical basis for the punishment of criminal offenders. Prerequisites: CRJU 1100.

**CRJU 3350. Drugs in America. 3-0-3 Units.**

Explores and analyzes the complex experience of illicit drug use in America from multiple angles with specific attention to the ways that our culture understands drugs, drug use, and drug policy as a social/criminal justice problem. Topics include punishment, interdiction, prevention, and rehabilitation. Prerequisites: CRJU 1100.

**CRJU 3400. Juvenile Delinquency & Justice. 3-0-3 Units.**

Reviews the juvenile justice system, including the impact of Supreme Court decisions, and examines the theories of juvenile delinquency and the implication of those theories for preventing and controlling juvenile deviance. Prerequisites: CRJU 1100.
CRJU 3450. White Collar Crime. 3-0-3 Units.
Provides an introduction to white-collar crime in the United States. Topics include definition of and various types of white-collar crimes, who commits this type of crime and why they engage in white-collar crime, as well as how perpetrators are dealt with by the criminal justice system. Prerequisites: CRJU 1100.

CRJU 3500. Criminal Investigation I. 3-0-3 Units.
An overview of principles, techniques, law and procedure involved in the criminal investigative process from its inception to culmination. Prerequisites: CRJU 1100.

CRJU 3501. Criminal Investigation II. 3-0-3 Units.
Continues information introduced in CRJU 3500, with special focus on the investigation of the crimes of burglary, robbery, forgery, homicide, assault, and bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as well as obtaining fingerprints and other types of latent evidence. Prerequisites: CRJU 3500.

CRJU 3550. Comparative Criminology. 3-0-3 Units.
Provides an overview and analysis of criminal justice systems-police, courts, and corrections-in selected eastern and western nations, as well as an analysis of the causes of crime in selected nations. Prerequisites: CRJU 1100.

CRJU 3600. Criminal Justice Admin. 3-0-3 Units.
Introduction to criminal justice management theory, practice, and policy. This course includes a review of traditional schools or organizational theory, including bureaucracy, scientific management, human relations, and the behavioral approach, with particular emphasis on how each applies to criminal justice agencies. Prerequisites: CRJU 1100.

CRJU 3700. Crim Just Research Methodology. 3-0-3 Units.
An introduction to criminal justice research methodologies, with a focus on research design, ethical concerns, conceptualization, sampling, data analysis, interpretation of research results, report writing, and application of research findings. Prerequisites: CRJU 3200, ENGL 3000.

CRJU 3710. Special Topics in Crim Just. 1-0-1-3 Unit.
An intensive study of a specific topic relevant to criminal justice, including sex crimes, terrorism, drug law, or capital punishment. This course may be taken for a total of nine credit hours when topics vary. Prerequisites: CRJU 1100.

CRJU 3800. Race, Ethnicity & Crim Justice. 3-0-3 Units.
Addresses the racial impact of criminal laws enacted by the people’s elected representatives, the actions and policies of law enforcement agencies, the courts, correctional institutions, the juvenile justice system, and the death penalty. Raises awareness and promotes critical thinking about the problems that exist in our system, how those problems originated and evolved, and possible solutions for these problems. Prerequisites: CRJU 1100.

CRJU 3810. Victimology. 3-0-3 Units.
Addresses the physical, emotional, and financial impact of crime victimization; the relationship between victims and offenders; how the criminal justice system interacts with crime victims; and the policies designed by the government to offer assistance to individuals who are victimized by crime. Raises awareness and promotes critical thinking and problem solving about the most effective strategies for interaction with crime victims, the measurement of crime victimization, and victim trends. Prerequisites: CRJU 1100.

CRJU 3850. Deviance, Soc Ctrl & Collect Vio. 3-0-3 Units.
Reviews the nature of deviance and social control, including terrorism, riots, lynching, vigilantism and genocide, in three segments: collective deviance, collective violence and the theoretical models, including Pure Sociology, associated with collective deviance and collective violence. Prerequisites: CRJU 1100.

CRJU 4000. Internship in Criminal Justice. 0-12-3 Units.
Supervised, practical experience in an appropriate criminal justice agency. This course allows students the opportunity to discover the integration between theory and practice. This course may be taken three times for a total of nine hours of credit. Prerequisites: Permission of Instructor and 12 credit hours of upper-level Criminal Justice courses.

CRJU 4110. The Law of Criminal Evidence. 3-0-3 Units.
An examination of the rules of evidence used in criminal prosecutions, including burden of proof, presumptions, inferences and stipulations, relevancy of evidence and competency of witnesses, expert testimony, hearsay, and constitutional limitations. Prerequisites: CRJU 1100.

CRJU 4200. Profiling the Serial Offender. 3-0-3 Units.
An examination of the type and patterns of crimes committed by serial offenders and the process by which profiles are developed to solve these crimes. Prerequisites: CRJU 1100.

CRJU 4210. Terrorism & Crim Just System. 3-0-3 Units.
An examination of the motives and actions of terrorists, the governmental response to terrorism, especially in the wake of 9/11, and the legal and constitutional restraints on the government. Included will be issues such as surveillance of American citizens, detention of suspected terrorists, enemy combatants, limits on the methods of interrogation, and use of military tribunals. Prerequisites: CRJU 1100.

CRJU 4300. Community Corrections. 3-0-3 Units.
An examination of alternatives to incarceration. Special emphasis will be given to the issues of probation and parole, as well as diversion, community service, electronic monitoring, and various treatment programs. Prerequisites: CRJU 2261 or CRJU 3300 or CRJU 3400.

CRJU 4350. Family Violence. 3-0-3 Units.
Explores a range of crimes that occur in the family setting, including violence between intimate partners, child abuse, and neglect. Theoretical factors, as well as how the criminal justice system responds to both victims and perpetrators of family violence, will be examined. Prerequisites: CRJU 1100.

CRJU 4500. Management of Forensics. 3-0-3 Units.
The scientific investigation of crime with emphasis on the collection, analysis, comparison, and identification of physical evidence. Prerequisites: CRJU 1100, CRJU 3500.

CRJU 4600. Police Practices and Issues. 3-0-3 Units.
An advanced examination of policing, exploring topics including the police subculture, the police use of discretion, the broken-windows approach, community policing, and problem-solving approaches. Prerequisites: CRJU 1100 and CRJU 2100.

CRJU 4700. Ethical Issues in Crim Justice. 3-0-3 Units.
An examination of the philosophical theories underlying ethics and how they relate to issues involving the police, courts, corrections, law, and principles of justice. Prerequisites: CRJU 1100.
CRJU 4710. Readings in Criminal Justice. 3-0-3 Units.
Permits selected students to pursue approved topics through independent study under the direction of a faculty member. This course may be taken twice for a total of six credit hours with change of topics. Prerequisites: Permission of Instructor.

CRJU 4750. Advanced Criminological Theory. 3-0-3 Units.
Expands on the study of criminology as examined in CRJU 3200. This course provides further and more in-depth understanding of why people engage in criminal behavior; the policies that are derived from criminological theory; and how those policies are implemented. This is an advanced class and will be taught in a fashion similar to a graduate-level class to help students prepare for graduate and/or law school. Prerequisites: CRJU 3200 and ENGL 3000. Prerequisite or co-requisite: CRJU 3700.

CRJU 4800. Senior Capstone in CRJU. 3-0-3 Units.
Serves as the comprehensive experience in criminal justice utilizing the student’s knowledge and academic skills, including pursuing archival research, journal keeping, note taking and report writing to address a topic or issue of contemporary interest in criminal justice or one of its sub-fields. The course will be taught at the senior level and will focus on criminal justice issues at the national and international levels. In addition to the course requirements, students will complete a major research paper that results in an end-of-semester presentation to the class. This course serves as a capstone course for criminal justice majors. Prerequisites: CRJU 3700, 45 hours of upper-level criminal justice courses, senior standing.

Engineering Technology
Developed in consultation with local industry partners, the B.A.S. in Engineering Technology prepares students for careers in industrial settings. In this interdisciplinary program, students gain knowledge of both industrial and mechanical engineering concepts. Coursework is designed to provide students with knowledge and skills in fundamental areas including materials science, the strength of materials, thermodynamics, fluid dynamics, and systems engineering. Through completion of coursework, an internship, and a capstone design project, students obtain a blend of theoretical expertise and practical experience that prepares them for career success. This degree is also appropriate for students who already have a relevant Associate of Applied Science degree who wants to increase their knowledge, expertise, and career potential.

Area A: Essential Skills
ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
MATH 1113 Precalculus Mathematics 3

Area B: Institutional Options
COMM 1110 Fundamentals of Speech 3
One of the following electives: 1
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture

Area C: Humanities/Fine Arts
Choose at least one ENGL course: 3-6
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature
If only one ENGL course chosen, add one of the following: 0-3
ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Science/Mathematics/Technology
CHEM 1111 Principles of Chemistry I 4
MATH 1401 Elementary Statistics 3
PHYS 2211K Principles of Physics I 4

Area E: Social Sciences
HIST 2111 United States History to 1877 3
or HIST 2112 United States Hist since 1877
POLS 1101 American Government 3
Two Social Science Electives: 6
ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
PHIL 1103 Intro to World Religions
PHIL 2010 Intro to Philosophical Issues
PHIL 2020 Logic and Critical Thinking
POLS 2101 Intro to Political Science
POLS 2201 State and Local Government
POLS 2301 Comparative Politics
POLS 2401 International Relations
PSYC 1101 Introduction to Psychology
PSYC 2101 Psychology of Adjustment
PSYC 2103 Human Development
SOCI 1101 Introduction to Sociology
SOCI 1160 Social Problems
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See Advisor)
Technical Courses (Up to 20 approved credits from an AAS degree may be substituted)

- CMPS 1371: Computing for Scien & Engineer 3
- ENGR 2240: Dynamics 3
- PHYS 2212K: Principles of Physics II 4

Electives (choose 3 – 4 courses) 10

- ACCT 2101: Principles of Accounting I
- ACCT 2101: Principles of Accounting I
- BUSA 2106: The Environment of Business
- CHEM 1212K: Principles of Chemistry II
- ECON 2105: Principles of Macroeconomics
- ECON 2106: Principles of Microeconomics
- ECON 4101: Applied Econometrics
- ENGR 4860: Engineering Internship
- MATH 2255: Calculus and Analytic Geom III
- MATH 2256: Introduction to Linear Algebra
- MATH 2403: Differential Equations
- MNGT 3051: Principles of Management

Circuits Sequence (8 credits of approved circuits courses from an AAS degree may be substituted)

- ENGR 3301K: Circuits I 4
- ENGR 3302K: Circuits II 4

Engineering Core

- ENGR 2205: Statics 3
- ENGR 3072K: Electrical Energy Systems 3
- ENGR 3131K: Strength of Materials 3
- ENGR 3317: Industrial Econ & Fin Analysis 3
- ENGR 3343K: Fluid Mechanics 4
- ENGR 3410: Thermodynamics 3
- ENGR 3420: Industrial & Envir Safety 3
- ENGR 4101: Materials Science&Engineering 3
- ENGR 4440: Heat Transfer 3
- ENGR 4456: Intro to Systems Engineering 3
- MNGT 3051: Principles of Management or ENGR 4860: Engineering Internship 3
- ENGR 4900: Capstone 3
- MATH 2253: Calculus and Analytic Geom I 4
- MATH 2254: Calculus and Analytic Geom II 4
- MATH 4502: Statistics for Process Control 3

Physical Activity Elective

Any PHED Course, Except PHED 1030 1

Total Hours 121

Courses

ENGR 1105. Introduction to Engineering. 3-0-3 Units.
Introduction to the basic skills of engineering, including engineering design and problem solving, the fields and functions of engineering, including measurements and estimation, units, dimensions, vectors, Newton’s laws, and other physical phenomenon common to many engineering problems.
Prerequisites: MATH 1113 and Pre or Corequisite: ENGL 0999, unless exempt.

ENGR 1108K. Engineering Graphics. 2-3-3 Units.
Theory and application of the design process, using conventional drafting as well as computer assisted design, spatial analysis, projection theory, sketching, creative design, and geometric dimensioning. Development and interpretation of drawings and specifications. Pre or Corequisite: ENGL 0999, unless exempt.
Corequisites: MATH 2253.

ENGR 2205. Statics. 3-0-3 Units.
A study of elements of statics in two and three dimensions, free-body diagrams, distributed loads, centroids, and friction. (F,S) Prerequisite coursework must be been successfully completed within the past three terms. Pre or Corequisite: ENGL 0999, unless exempt.
Prerequisites: MATH 2253 and PHYS 2211K with a grade of C or better.
Corequisites: MATH 2254 and PHYS 2212K.

ENGR 2240. Dynamics. 3-0-3 Units.
Kinematics and kinetics of particles and rigid bodies, work-energy and impulse-momentum concepts and principles. (F,S as needed)
Prerequisites: ENGR 2205.

ENGR 3072K. Electrical Energy Systems. 3-3-4 Units.
The study of energy sources. This course introduces non-renewable and renewable/sustainable energy sources, the processes, costs, and environmental impact of converting to electric energy, the delivery and control of electric energy, and electromechanical systems.
Prerequisites: Completion of two circuit analysis courses.

ENGR 3131K. Strength of Materials. 3-3-4 Units.
The study and mathematical modeling of the mechanical behavior of materials under load. Emphasis will be on the elastic conditions of equilibrium, compatibility and material behavior. Includes study of stress and strain in columns, connectors, beams, eccentrically-loaded members, as well as introduction to statically indeterminate members.
Prerequisites: ENGR 2205 and MATH 2254.

ENGR 3301. Circuits I. 3-3-4 Units.
This course introduces basic circuit analysis including resistive circuits, voltage and current sources, analysis methods, network theorems, energy storage elements, and AC steady-state analysis. Techniques for analyzing resistive networks are heavily emphasized. In addition, the physical mechanisms of capacitance and inductance are examined along with analysis of transient responses in circuits containing resistors, capacitors, and inductors. Laboratory exercises reinforce the theoretical concepts presented in class and provide various opportunities to become proficient with standard instrumentation used in electrical engineering.
Prerequisites: PHYS 2211K.

ENGR 3301K. Circuits I. 3-3-4 Units.
This course introduces basic circuit analysis including resistive circuits, voltage and current sources, analysis methods, network theorems, energy storage elements, and AC steady-state analysis. Techniques for analyzing resistive networks are heavily emphasized. In addition, the physical mechanisms of capacitance and inductance are examined along with analysis of transient responses in circuits containing resistors, capacitors, and inductors. Laboratory exercises reinforce the theoretical concepts presented in class and provide various opportunities to become proficient with standard instrumentation used in electrical engineering.
Prerequisites: PHYS 2211K.
ENGR 3302K. Circuits II. 3-3-4 Units.
A continuation of basic Circuit Analysis I which focuses on RC, RL, and RLC circuits, mutual inductance, series and parallel resonance, two-port networks frequency response, AC power including power factor correction, as well as three phase circuits. Simulation is heavily emphasized using state of the art software such as PSPICE. Prerequisites: ENGR 3301K, MATH 2403 and PHYS 2212K.

ENGR 3317. Industrial Econ & Fin Analysis. 3-0-3 Units.
Students will compare service and manufacturing projects and investments based on their economic value, quantify costs and benefits; analyze projects using present worth, annual worth, and rate of return methods, study simple and compound interest. This course also introduces basic financial accounting concepts, including balance sheets, income statements, change of financial condition, etc. Prerequisites: MATH 2253.

ENGR 3343K. Fluid Mechanics. 3-3-4 Units.
This course introduces the fundamentals of fluid statics and dynamics, including hydrostatic forces on submerged plates, continuity of fluid flow and fluid flow principles. The applications of turbulent and laminar flow in conduits are emphasized. The system approach is practiced in analyzing the applications of flow measuring devices, piping, pumps, and turbines. Prerequisites: ENGR 2205.

ENGR 3410. Thermodynamics. 3-0-3 Units.
Introduces the fundamentals of thermodynamics, including the concept of energy and the laws governing the transfers and transformations of energy. Emphasis is placed on thermodynamic properties and the first and second law analysis of systems and control volumes. Integration of these concepts into the analysis of basic power cycles is introduced. Prerequisites: ENGR 2205.

ENGR 3420. Industrial & Envir Safety. 3-0-3 Units.
Introduces the application of safety techniques and principles to identify and correct unsafe situations and practices. Includes the study of system safety, failure modes and effects analysis, fault tree analysis, preliminary hazard analysis, hazardous materials and practices, OSHA, health, and personal protection.

ENGR 4101. Materials Science&Engineering. 3-0-3 Units.
Introduces the study of metals, ceramics, polymers, and composites as related to material selection in design and manufacturing. Topics will include atomic structure and bonding, crystal structure and defects, mechanical properties and failure, diffusion, dislocation and strengthening, alloying, phase diagrams and transformations/heat treatment, polymers, ceramics and glasses, and composites. Prerequisites: CHEM 1211K and PHYS 2211K.

ENGR 4440. Heat Transfer. 3-0-3 Units.
Introduces the fundamentals and applications of heat transfer. Topics include conduction, convection, and radiation. Students will explore steady state and transient conduction in one and multiple dimensions, forced and free convection with boundary layer theory, radiation properties and radiative heat transfer among black and non-black bodies. Students will calculate heat transfer rates, heating/cooling times, and design of heat exchangers. Prerequisites: ENGR 3410 and ENGR 3343 and Engineering Standing.

ENGR 4456. Intro to Systems Engineering. 3-0-3 Units.
Introduces students to the concepts needed for successful system planning, designing and building process. Topics will include bringing large-scale systems to completion on schedule and on budget, modeling and cost estimating techniques, risk and variability.

ENGR 4860. Engineering Internship. 0-0-1-4 Unit.
A structured out of the classroom experience in a supervised setting that is related to the student's major and career interests. Practical experience is combined with scholarly research under the guidance of faculty and the internship supervisor. Internship sites must be secured in advance of the semester of the placement and must be approved by the student's advisor and internship coordinator. Note: Students may enroll multiple times in this course for a total of four credit hours. Prerequisite: 90 credit hours and permission of the instructor.

ENGR 4900. Capstone. 3-0-3 Units.
This course provides comprehensive design experience for students working in small groups and is a culmination of the engineering technology education. Topics covered will include design specifications, evaluation of design alternatives, technical reports and oral presentations. Also covered are topics such as intellectual property, industry standards and conventions, engineering economics, reliability, safety, engineering ethics and current topics in the field of engineering technology. Prerequisites: Senior standing, Instructor approval, Department Chair approval.

English

Bachelor of Arts

The Bachelor of Arts degree with a major in English is a literature-intensive program that trains students in critical thinking, advanced reading and analysis, and oral and written communication. Coursework provides grounding in British and American literature as well as the practices and theory of literary studies and includes an emphasis on multiculturalism and diversity. English majors gain valuable exposure to literary history and to texts, movements, authors, and cultural forces that inform and influence the literature under study, as well as to the various critical lenses through which literature may be viewed. Considerable flexibility is offered in major course selection. The Bachelor of Arts in English is excellent preparation for students planning graduate or professional work and/or careers in law, education, publishing, journal and magazine writing, creative writing, research, evaluation, technical communications, advertising, sales, library science, public relations, marketing, business, public service, and other areas where expert analytical thinking, writing, and language skills are increasingly valued.

Important: English 3010 must be taken in the student's first semester as an English major, English 3010 may also be taken as a co-requisite with two other 3000-level or selected 4000-level English courses in the student's first semester as an English major.

Area A: Essential Skills

ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
MATH 1001 Quantitative Skills/Reasoning 3
or MATH 1101 Intro to Mathematical Modeling
or MATH 1111 College Algebra
or MATH 1401 Elementary Statistics

Area B: Institutional Options

COMM 1110 Fundamentals of Speech 3
Select one of the following electives: 1
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000  Natural Hazards
HIST 1050  Appalachian Hist-Special Topic
HIST 1051  Sports Hist & Amer Character
HLTH 1030  Health and Wellness Concepts
HUMN 1000  Mystery Fiction in Pop Culture
HUMN 1100  Political and Social Rhetoric
HUMN 1300  Christian Fiction/Pop Culture
SOCI 1000  Race and Ethnicity in America
PRSP Elective (See advisor)

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s): 3-6

ENGL 2000  Topics in Literature & Culture
ENGL 2111  World Literature I
ENGL 2112  World Literature II
ENGL 2120  British Literature I
ENGL 2121  British Literature II
ENGL 2130  American Literature I
ENGL 2131  American Literature II
ENGL 2201  Intro to Film as Literature

If only one ENGL course chosen, add one of the following: 0-3

ARTS 1100  Art Appreciation
HUMN 1201  Expressions of Culture I
HUMN 1202  Expressions of Culture II
MUSC 1100  Music Appreciation
MUSC 1110  World Music
MUSC 1120  American Music
THEA 1100  Theatre Appreciation

**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives: 8

ASTR 1010  Astronomy of the Solar System
& 1010L  and Astronomy of Solar Sys. Lab
ASTR 1020  Stellar and Galactic Astronomy
& 1020L  and Stellar & Galac. Astronomy Lab
BIOL 1105K  Environmental Studies
BIOL 1107K  Principles of Biology I
BIOL 1108K  Principles of Biology II
BIOL 1203K  Principles of Botany
BIOL 1224K  Entomology
CHEM 1151K  Survey of Chemistry
CHEM 1211K  Principles of Chemistry I
CHEM 1212K  Principles of Chemistry II
GEOL 1121K  Principles of Geology
GEOL 1122K  Historical Geology
GEOL 1131K  Geology & the Environment
PHYS 1111K  Introductory Physics I
PHYS 1112K  Introductory Physics II
PHYS 2211K  Principles of Physics I
PHYS 2212K  Principles of Physics II

Select one of the following electives: 3-4

ASTR 1010  Astronomy of the Solar System
ASTR 1020  Stellar and Galactic Astronomy
BIOL 1105K  Environmental Studies

**Area E: Social Sciences**

Select two of the following electives: 6

HIST 2111  United States History to 1877 3
or HIST 2112  United States Hist since 1877
POLS 1101  American Government 3

**Area F: Major Related**

Select one of the following electives: 3

ENGL 2111  World Literature I
or ENGL 2112  World Literature II
Select one of the following electives: 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<td>ENGL 2112</td>
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<td>ENGL 2131</td>
<td>American Literature II</td>
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<tr>
<td>THEA 2100</td>
<td>Play Development</td>
</tr>
<tr>
<td>THEA 2300</td>
<td>Children's Theatre</td>
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</table>

Foreign Language Sequence: 9

(First-semester foreign language courses—1001—do not count toward the 9 hours required; students are required to complete the equivalent of the fourth semester of a foreign language to comply with BOR Area F Guidelines for English.)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>FREN 1002</td>
<td>Elementary French II</td>
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<tr>
<td>FREN 2001</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
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<td>OR</td>
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<tr>
<td>GRMN 1002</td>
<td>Elementary German II (To use German to fulfill the foreign language requirement, students would need to satisfy the 2000-level courses through CLEP or through transfer credit.)</td>
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OR

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<tr>
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<td>Elementary Spanish II</td>
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<td>SPAN 2001</td>
<td>Intermediate Spanish I</td>
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<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
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<td>OR</td>
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<td>SPAN 1003</td>
<td>Accelerated Elementary Spanish</td>
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<td>Intermediate Spanish I</td>
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<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
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Select one of the following electives: 3

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<tbody>
<tr>
<td>COMM 2000</td>
<td>Intro to Mass Communication</td>
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<td>Topics in Literature &amp; Culture</td>
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<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
</tr>
<tr>
<td>THEA 2100</td>
<td>Play Development</td>
</tr>
<tr>
<td>THEA 2300</td>
<td>Children's Theatre</td>
</tr>
</tbody>
</table>

Major Field Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3010</td>
<td>Intro to Literary Studies (Must be taken in the student's first semester as an English major; it may be taken as a co-requisite with two other 3000-level English courses in the student's first semester as an English major.)</td>
</tr>
<tr>
<td>ENGL 4905</td>
<td>Senior Seminar in Literature (Must be taken in the student's last semester as an English major; it should be taken with no more than two other courses.)</td>
</tr>
</tbody>
</table>

Select two or three courses within British Literature: 6-9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3300</td>
<td>Medieval Lit in Translation</td>
</tr>
<tr>
<td>ENGL 3400</td>
<td>Renaissance Literature</td>
</tr>
<tr>
<td>ENGL 3410</td>
<td>Shakespeare</td>
</tr>
<tr>
<td>ENGL 4130</td>
<td>Restoration:18th Century Brit Lit</td>
</tr>
<tr>
<td>ENGL 4140</td>
<td>British Romantic Literature</td>
</tr>
<tr>
<td>ENGL 4150</td>
<td>British Victorian Literature</td>
</tr>
<tr>
<td>ENGL 4160</td>
<td>Modern British Literature</td>
</tr>
<tr>
<td>ENGL 4900</td>
<td>Special Topics (when topic is British Literature)</td>
</tr>
</tbody>
</table>

ENGL 4960 | Research in English (when topic is British Literature) |

Select two or three courses within American Literature: 6-9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3200</td>
<td>Appalachian Literature</td>
</tr>
<tr>
<td>ENGL 3220</td>
<td>Southern Literature</td>
</tr>
<tr>
<td>ENGL 3500</td>
<td>Colonial American Lit to 1840</td>
</tr>
<tr>
<td>ENGL 3510</td>
<td>American Literature, 1840-1913</td>
</tr>
<tr>
<td>ENGL 3515</td>
<td>American Lit. 1914-Present</td>
</tr>
<tr>
<td>ENGL 4000</td>
<td>Contemporary American Lit</td>
</tr>
<tr>
<td>ENGL 4010</td>
<td>The American Novel</td>
</tr>
<tr>
<td>ENGL 4900</td>
<td>Special Topics (when topic is American Literature)</td>
</tr>
</tbody>
</table>

ENGL 4960 | Research in English (when topic is American Literature) |

Select two or three courses within Culture and Diversity: 6-9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3210</td>
<td>Multi-ethnic American Lit</td>
</tr>
<tr>
<td>ENGL 3235</td>
<td>African-American Literature</td>
</tr>
<tr>
<td>ENGL 3340</td>
<td>Hispanic Lit in Translation</td>
</tr>
<tr>
<td>ENGL 3350</td>
<td>Latino/a Literature in English</td>
</tr>
<tr>
<td>ENGL 3360</td>
<td>Topics in Asian Literature</td>
</tr>
<tr>
<td>ENGL 4420</td>
<td>Literature Non-Western World</td>
</tr>
<tr>
<td>ENGL 4800</td>
<td>Criticism and Theory</td>
</tr>
<tr>
<td>ENGL 4900</td>
<td>Special Topics (when topic is culturally diverse and/or non-western literature)</td>
</tr>
</tbody>
</table>

ENGL 4960 | Research in English (when topic is culturally diverse and/or non-western literature) |

Select one or two courses within Language, Rhetoric, and Composition: 3-6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3000</td>
<td>Writing for Educ/Soc Sciences</td>
</tr>
<tr>
<td>ENGL 3005</td>
<td>Practical Grammar</td>
</tr>
<tr>
<td>ENGL 3015</td>
<td>Intro to Composition Studies</td>
</tr>
<tr>
<td>ENGL 3020</td>
<td>Advanced Composition</td>
</tr>
<tr>
<td>ENGL 3025</td>
<td>History of English Language</td>
</tr>
<tr>
<td>ENGL 3030</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>ENGL 3040</td>
<td>Classical Rhetorical Theory</td>
</tr>
<tr>
<td>ENGL 3130</td>
<td>Argumentative Writing</td>
</tr>
<tr>
<td>ENGL 4700</td>
<td>English Internship (students must take ENGL 3030 before taking the internship course)</td>
</tr>
<tr>
<td>ENGL 4900</td>
<td>Special Topics (when topic is language, rhetoric, and/or composition)</td>
</tr>
</tbody>
</table>
ENGL 4960  Research in English (when topic is language, rhetoric, and/or composition)  

Select zero or one course within Creative Writing: 0-3

ENGL 3100  Advanced Creative Writing
ENGL 3705  Introduction to Screenwriting

**English Major Electives**

Select four upper-level English courses not used elsewhere: 12
(No English courses counted above for credit may be used to fulfill these electives.)

ENGL 3000  Writing for Educ/Soc Sciences
ENGL 3005  Practical Grammar
ENGL 3015  Intro to Composition Studies
ENGL 3020  Advanced Composition
ENGL 3025  History of English Language
ENGL 3030  Technical Writing
ENGL 3040  Classical Rhetorical Theory
ENGL 3100  Advanced Creative Writing
ENGL 3130  Argumentative Writing
ENGL 3200  Appalachian Literature
ENGL 3210  Multi-ethnic American Lit
ENGL 3220  Southern Literature
ENGL 3235  African-American Literature
ENGL 3300  Medieval Lit in Translation
ENGL 3340  Hispanic Lit in Translation
ENGL 3350  Latino/a Literature in English
ENGL 3360  Topics in Asian Literature
ENGL 3400  Renaissance Literature
ENGL 3410  Shakespeare
ENGL 3500  Colonial American Lit to 1840
ENGL 3510  American Literature, 1840-1913
ENGL 3515  American Lit. 1914-Present
ENGL 3705  Introduction to Screenwriting
ENGL 4000  Contemporary American Lit
ENGL 4010  The American Novel
ENGL 4020  Literature for Young Adults
ENGL 4130  Restorat:18th Century Brit Lit
ENGL 4140  British Romantic Literature
ENGL 4150  British Victorian Literature
ENGL 4160  Modern British Literature
ENGL 4410  Studies in Film
ENGL 4420  Literature Non-Western World
ENGL 4700  English Internship
ENGL 4800  Criticism and Theory
ENGL 4900  Special Topics
ENGL 4960  Research in English

**General Electives or School of Liberal Arts Minor**

Choose any School of Liberal Arts 15-credit-hour minor OR any School of Liberal Arts offerings at the 2000 level or higher, with no more than six hours at the 2000 level. Grade of C or better required. 15

**Physical Education**

PHED Activity Elective 1

Total Hours 121-122

**Courses**

**ENGL 0999. Support for English Composit.. 3-0-3 Units.**

Provides co-requisite support in reading and writing for students enrolled in ENGL 1101 – English Composition I. Topics will parallel those being studied in ENGL 1101 and will provide support for the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. Students may exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has an Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the ‘new’ SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher 6) Accuplacer reading score of 80 or higher AND Accuplacer Write Placer score of 4 or higher. 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247 AND Accuplacer Write Placer score of 5 or higher. 8) Accuplacer Next-Generation Reading Comprehension scores of 248 or higher AND Accuplacer Write Placer score of 4 or higher. (F, S) Co-requisite: ENGL 1101

**ENGL 1101. English Composition I. 3-0-3 Units.**

Focuses on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and a variety of research skills. A minimum grade of C is required in ENGL 1101 before the student can take ENGL 1102. Students can exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the ‘new’ SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher 6) Accuplacer reading score of 80 or higher AND Accuplacer Write Placer score of 4 or higher. 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247 AND Accuplacer Write Placer score of 5 or higher. 8) Accuplacer Next-Generation Reading Comprehension scores of 248 or higher AND Accuplacer Write Placer score of 4 or higher. (F, S) Pre-requisite or co-requisite: ENGL 0999, unless exempt

**ENGL 1101H. Honors English Composition. 3-0-3 Units.**

**ENGL 1102. English Composition II. 3-0-3 Units.**

Presents a literature-based composition course that develops writing skills beyond the levels of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation, and that incorporates a variety of more advanced research methods, including capability in electronic resources and documentation. A minimum grade of C is required to complete this course. (F, S, M) Prerequisites: ENGL 1101 with a grade of C or better or the equivalent

**ENGL 1105. Intro to Greek Mythology. 1-0-1 Unit.**

Provides an introduction to and overview of the major Greek myth cycles. Students will become familiar with the major Greek gods and goddesses, the stories connected to them, and the heroes of the great epic and dramatic works of ancient Greece. (F, S, M) Prerequisites: ENGL 1101 with a grade of C or better.
ENGL 1110. Creative Writing. 1-0-1 Unit.
Introduces the stylistic conventions and techniques of one literary genre (fiction, poetry, or drama) with an emphasis on those elements particular to that genre. Also emphasizes techniques of literary invention and offers exposure to the analysis and critique of peer and professional texts. Special attention is given to drafting and revising original works. Prerequisites: ENGL 1102 with a grade of C or better.

ENGL 2000. Topics in Literature & Culture. 3-0-3 Units.
Introduces students to the rich diversity of cultures and creative endeavors by exploring a variety of texts. Course topics are variable and may include pop culture, activist movements, comic books, or video games among many others within the realm of literature and cultural studies. Students may also complete a variety of career-oriented projects related to social media, digital literacy, creative writing, linguistics, professional writing, and textual analysis. (F, S) Pre-requisite: Completion of or exemption from ENGL 0999. Pre- or co-requisite: ENGL 1101.

ENGL 2100. Linguistics. 3-0-3 Units.
Provides instruction in language, including its varieties, sound systems, word formation, sentence formation, language meaning, and discourse. Examines first and second language acquisition and classroom observation. Flexible course options will suit various learning interests and styles. (Web-based course) Prerequisites: ENGL 1101 with a grade of C or better.

ENGL 2111. World Literature I. 3-0-3 Units.
Surveys important works of world literature from ancient times through the mid-seventeenth century. (F, S, M) Pre-or Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2112. World Literature II. 3-0-3 Units.
Surveys important works of world literature from the mid-seventeenth century to the present. Continues study begun in ENGL 2111, though 2111 is not a prerequisite. (F, S, M) Pre-or Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2120. British Literature I. 3-0-3 Units.
Surveys important works of English literature from the Old English period through the Neoclassical Age. (F, S) Pre-or Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2121. British Literature II. 3-0-3 Units.
Surveys important works of English literature from the Romantic Era to the present. Continues study begun in ENGL 2120, though 2120 is not a prerequisite. (F, S) Pre-or Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2130. American Literature I. 3-0-3 Units.
Surveys important works of American literature from the Pre-colonial Age to the mid-nineteenth century. (F, S) Pre-or Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2131. American Literature II. 3-0-3 Units.
Surveys important works of American literature from the mid-nineteenth century to the present. Continues study begun in ENGL 2130, though 2130 is not a prerequisite. (F, S) Pre-or Corequisites: ENGL 1102 with a grade of C or better.

ENGL 2132. American Literature II. 3-0-3 Units.
A survey of American literature from the mid-nineteenth century to the present. Prerequisites: ENGL 1102 with a grade of C or better.

ENGL 2201. Intro to Film as Literature. 3-0-3 Units.
Introduces humanistic, philosophic, and historical analyses of film. Examines and analyzes selected films through lectures, readings, viewings, and written analyses that focus primarily on literary elements such as plot, theme, character, symbolism, and only secondarily (if at all) on filmic elements such as cinematography and editing. (F, S, M) A minimum grade of C is required in ENGL 1102 before the student can take English 2201. Prerequisites: ENGL 1102.

ENGL 3000. Writing for Educ/Soc Sciences. 3-0-3 Units.
Focuses on principles, practices, and strategies for writing clear, effective, audience-driven communications in a variety of academic and professional situations in the real world. Assignments include case studies, reports, proposals, and legal briefs. (F, S) Prerequisites: ENGL 1102 with C or better.

ENGL 3005. Practical Grammar. 3-0-3 Units.
Explores the basic components of language, language variation, and modern English grammar. Application of grammatical principles to composition, editing, and literary analysis. (S) Prerequisites: ENGL 1102 with C or better.

ENGL 3010. Intro to Literary Studies. 3-0-3 Units.
Surveys materials, methods, and terminology used in the discipline of literary studies. Practice in effective critical writing and examination of the various critical theories available for interpretation and analysis. Must be taken in the student's first semester as an English major; may also be taken as a co-requisite with two other 3000-level or selected 4000-level English courses in the student's first semester as an English major. (F, S) Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3015. Intro to Composition Studies. 3-0-3 Units.
Includes study of composition theory and its application to the teaching of composition. Students will analyze and assess student essays and design a writing course for secondary-level students. (S) Prerequisites: ENGL 1102 with C or better.

ENGL 3020. Advanced Composition. 3-0-3 Units.
Includes a study of various rhetorical strategies with regular writing assignments emphasizing logical organization of thought and effective composition. The course will develop sound grammatical and compositional skills to a level clearly superior to that of ENGL 1102. (S) Prerequisites: ENGL 1102 with C or better.

ENGL 3025. History of English Language. 3-0-3 Units.
Provides an introduction to the background, origins, development, and structure of the English language and the fundamental tools and concepts used in the study of a language's history. (F) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3030. Technical Writing. 3-0-3 Units.
Focuses on practice and instruction in analyzing and writing business and technical documents. Emphasis on increasing proficiency in effective writing, design and organization, audience awareness, visual rhetoric, and web publishing. (F) Prerequisites: ENGL 1102 with C or better.
ENGL 3040. Classical Rhetorical Theory. 3-0-3 Units.
Introduces students to classical rhetorical concepts. Students will learn to use these concepts as a means of developing and improving their writing skills.
Prerequisites: ENGL 1102 with C or better.

ENGL 3100. Advanced Creative Writing. 3-0-3 Units.
Offers an intensive experience in writing in one of the following genres: short story, poetry, the novel, creative non-fiction, or screenwriting. (F, alternating years)
Prerequisites: ENGL 1102 with C or better.

ENGL 3130. Argumentative Writing. 3-0-3 Units.
Provides students with extensive practice in reading, analyzing, and composing argumentative writing. Students will learn specific theories of persuasion and reasoning and will apply this knowledge to their own compositions. Reading and evaluating the persuasive logic of both professional writers and peers will also be included in this course.
Prerequisite: ENGL 1102 with a grade of C or better

ENGL 3200. Appalachian Literature. 3-0-3 Units.
Surveys major regional movements, genres, writers in the Appalachian mountains, from settlement to the present. Content and approach may vary. (S,M) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3210. Multi-ethnic American Lit. 3-0-3 Units.
Offers a study of major ethnic American literature, with a particular focus on Latino American, Asian American, and/or Native American writers. (S,M) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3220. Southern Literature. 3-0-3 Units.
Examines selected works by major authors of the American South. (F; alternating years) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3235. African-American Literature. 3-0-3 Units.
Surveys the canonical writings of African-Americans, typically including writers such as Douglass, Hurston, Wright, Ellison, Baldwin, Morrison, King, and Walker. (Every other semester) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3300. Medieval Lit in Translation. 3-0-3 Units.
Surveys literature of the Anglo-Saxon and Anglo-Norman periods: Beowulf, Romance of the Rose, Sir Gawain and the Green Knight, and others. (F; alternating years) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3340. Hispanic Lit in Translation. 3-0-3 Units.
Provides an introduction to landmark Hispanic works within social, political, economic, and cultural contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3350. Latino/a Literature in English. 3-0-3 Units.
Provides an introduction to landmark Latino/a works written in English. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3360. Topics in Asian Literature. 3-0-3 Units.
Surveys the canonical writings of Asia. Prerequisite: Any 2000-level literature course with a C or better (non-English majors) or ENGL 3010 (co-requisite or co-requisite). English majors

ENGL 3405. Professional/Technical Writing. 3-0-3 Units.
An advanced writing course focusing on the elements of effective writing, particularly as they apply to business and the professions.
Prerequisites: ENGL 1102.

ENGL 3410. Shakespeare. 3-0-3 Units.
Surveys representative works of comedy, history, tragedy, tragicomedy drawn from throughout the playwright’s career. (F; alternating years) Co-requisite: English 3010 may be taken as a co-requisite.
English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3500. Colonial American Lit to 1840. 3-0-3 Units.
Surveys important writings by representative American authors from the colonial period through the post-Revolutionary War era. Typically includes Bradford, Bradstreet, Winthrop, Crevecoeur, Franklin, Paine, and Irving. Co-requisite: English 3010 (English majors); English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3510. American Literature, 1840-1913. 3-0-3 Units.
Surveys significant American authors from the post-Revolutionary War era to the turn of the twentieth century. Typically includes Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Douglass, Dickinson, Twain, Crane, Howells, Chopin, and Norris. Co-requisite: English 3010 (English majors); English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.
ENGL 3515. American Lit. 1914-Present. 3-0-3 Units.
Surveys significant works by representative twentieth-century writers. Authors typically covered include Bierce, Eliot, Hemingway, Frost, Fitzgerald, Faulkner, Wright, Stevens, Miller, Baldwin, Morrison, and O'Connor. Co-requisite: English 3010 (English majors); English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one's own work and the work of others as a screenwriter, dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years) Prerequisites: ENGL 1102 with a C or better.

ENGL 4000. Contemporary American Lit. 3-0-3 Units.
Examines selected texts produced in the last thirty years in the United States. (M, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4010. The American Novel. 3-0-3 Units.
Offers an investigation of the American novel from the late eighteenth century through the present in relation to literary, cultural, intellectual, technological, and aesthetic changes in America. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4020. Literature for Young Adults. 3-0-3 Units.
Offers a comprehensive study of young adult literature, including non-Western authors as well as literature representative of racial and ethnic groups, appropriate for students in secondary school programs, with emphasis on teaching techniques. (S) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4130. Restorat:18th Century Brit Lit. 3-0-3 Units.
Examines drama, fiction, poetry, and other textual expression from Restoration and eighteenth-century Britain. Works may be studied in their historical, political, cultural, and aesthetic contexts. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4140. British Romantic Literature. 3-0-3 Units.
Surveys British literature of the Romantic period, focusing on major works, figures (three or more), and/or themes. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4150. British Victorian Literature. 3-0-3 Units.
Examines Victorian literature in its original historical, political, cultural, and aesthetic contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4160. Modern British Literature. 3-0-3 Units.
Surveys British poetry, fiction, and essays since 1900. Typically includes Hardy, Conrad, Joyce, Yeats, Lawrence, Woolf, Auden, and Lessing. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4410. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include film and the novel, representations of women in film, teen cultures in film, etc. May be repeated for a maximum of six hours with change of content. (Every other year) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4420. Literature Non-Western World. 3-0-3 Units.
Offers an introduction to non-Western literature that examines a range of texts from a variety of different regions that may include the Americas, Asia, Africa, India, the Middle East, the Pacific Rim, and the African Diaspora. Subjects vary according to the availability of faculty. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4440. William Faulkner. 3-0-3 Units.
Examines the works of William Faulkner, particularly selected stories and novels set in Yoknapatawpha County. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take English 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4700. English Internship. 1-10-3 Units.
Provides practical experience for students interested in a career in writing, editing, and/or interpersonal communication. Through real-world projects and professional work, students will apply writing, editing, and/or communication skills relevant to their major in a specific, real-world project. Students must apply for the internship during the semester prior to the intended internship experience. Student interns work for an average of 10 hours per week under the supervision of a professional in the Dalton, Chattanooga, and/or Northwest Georgia area. Repeatable for a maximum of 6 credit hours. Prerequisites: 3.0 GPA or higher and 15 hours of upper-level English courses, including English 3030 (Technical Writing).
ENGL 4800. Criticism and Theory. 3-0-3 Units.
Examines texts in literary theory from Plato to Foucault and beyond, representing the rich history of the field and the contemporary debates. Literary theory considers the value and function of literature in society as well as the most rewarding ways to read and consider literature. English majors must take English 3010 as their first upper-division English course. (F, alternating years)
Prerequisites: ENGL 3010 with a C or better.

ENGL 4900. Special Topics. 3-0-3 Units.
Examines a topic in literature, theory, and/or writing that transcends the boundaries of the fixed curriculum. May be repeated for a maximum of six hours with change of content. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4905. Senior Seminar in Literature. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Topics vary. Required for English majors concentrating in literature. Must be taken in the English major’s last semester. (F, S)
Prerequisites: 42 hours of upper-level English.

ENGL 4960. Research in English. 0-1-1-3 Units.
Focuses on a research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor and English department chair required before registration. Variable 1-3 hours. Repeatable for a maximum of 3 hours. (F, S, M)
Prerequisites: ENGL 3010 and at least one additional 3,000- or 4,000-level English course with a C or better.

English, Secondary Certification Option

Bachelor of Arts

The Bachelor of Arts degree with a major in English is a literature-intensive program that trains students in critical thinking, advanced reading and analysis, and oral and written communication. Coursework provides grounding in British and American literature, practices and theory of literary studies, and includes an emphasis on multiculturalism and diversity. English majors gain valuable exposure to literary history and to texts, movements, authors, and cultural forces that inform and influence the literature under study, as well as to the various critical lenses through which literature may be viewed. Considerable flexibility is offered in major course selection. The Bachelor of Arts in English is excellent preparation for students planning graduate or professional work and/or careers in law, education, publishing, journal and magazine writing, creative writing, research, evaluation, technical communications, advertising, sales, library science, public relations, marketing, business, public service, and other areas where expert analytical thinking, writing, and language skills are increasingly valued.

The B.A. degree in English with teacher certification track is approved by the Board of Regents of the University System of Georgia and the Georgia Professional Standards Commission (PSC).

Important: English 3010 must be taken in the student’s first semester as an English major; English 3010 may also be taken as a co-requisite with two other 3000-level English courses in the student’s first semester as an English major.

Before Enrollment in Semester 1 (PES I), students must complete the following:

- pass EDUC 2110, 2120, and 2130, each with a C or better;
- have a cumulative GPA of 2.7 (as computed by the School of Education);
- register for, pay for, take, and pass the GACE Program Admissions Exams I, II, or III or show evidence of exemption (www.gace.ets.org (http://gace.ets.org/));
- attend a Secondary Orientation Session;
- fill out a required application to the Secondary English Education Program and be accepted into the program before they are considered Secondary English Education majors.


- complete ENGL 3010 and at least one other 3000-level course from the 'Major Curriculum' with grades of C or better.
- Note: Students must complete 30 credit hours of 3000- and/or 4000-level English content courses before being allowed to enter PES IV-Student Teaching.

English GACE Content Exams:

Upon finishing all content coursework, the English Education student should take the English GACE Content Exams, English 020 and 021.

Students who wish to prepare for the English GACE Content Exams should contact Dr. Kerri Allen or Dr. Sharon Hixon for a copy of the English GACE preparation questions.

<table>
<thead>
<tr>
<th>Area A: Essential Skills</th>
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<tbody>
<tr>
<td>Grades of C or better required.</td>
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<tr>
<td>ENGL 1101 English Composition I</td>
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<tr>
<td>ENGL 1102 English Composition II</td>
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<tr>
<td>MATH 1001 Quantitative Skills/Reasoning</td>
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<tr>
<td>or MATH 1101 Intro to Mathematical Modeling</td>
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<tr>
<td>or MATH 1111 College Algebra</td>
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<tr>
<th>Area B: Institutional Options</th>
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<tr>
<td>Select one of the following electives:</td>
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<tr>
<td>COMM 1110 Fundamentals of Speech ***</td>
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<tr>
<td>ENGL 1105 Intro to Greek Mythology *</td>
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<td>ENGL 1110 Creative Writing</td>
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<td>GEOL 1000 Natural Hazards</td>
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<td>HIST 1050 Appalachian Hist-Special Topic</td>
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<td>HIST 1051 Sports Hist &amp; Amer Character</td>
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<td>HUMN 1100 Political and Social Rhetoric</td>
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<td>PRSP Elective (See advisor)</td>
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<tr>
<th>Area C: Humanities/Fine Arts</th>
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<tr>
<td>Choose one to two English course(s):</td>
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<tr>
<td>ENGL 2000 Topics in Literature &amp; Culture</td>
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<tr>
<td>ENGL 2111 World Literature I</td>
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</table>
ENGL 2112 | World Literature II  
ENGL 2120 | British Literature I  
ENGL 2121 | British Literature II  
ENGL 2130 | American Literature I  
ENGL 2131 | American Literature II  
ENGL 2201 | Intro to Film as Literature  

If only one ENGL course is chosen, add one of the following: 0-3  
ARTS 1100 | Art Appreciation  
HUMN 1201 | Expressions of Culture I  
HUMN 1202 | Expressions of Culture II  
MUSC 1100 | Music Appreciation  
MUSC 1110 | World Music  
MUSC 1120 | American Music  
THEA 1100 | Theatre Appreciation  

**Area D: Science/Mathematics/Technology**  
Eight Credit Hours of Lab Science Electives: 8  
ASTR 1010 & 1010L | Astronomy of the Solar System and Astronomy of Solar Sys. Lab  
ASTR 1020 & 1020L | Stellar and Galactic Astronomy and Stellar & Galac. Astronomy Lab  
BIOL 1105K | Environmental Studies  
BIOL 1107K | Principles of Biology I  
BIOL 1108K | Principles of Biology II  
BIOL 1203K | Principles of Botany  
BIOL 1224K | Entomology  
CHEM 1151K | Survey of Chemistry  
CHEM 1211K | Principles of Chemistry I  
CHEM 1212K | Principles of Chemistry II  
GEOL 1121K | Principles of Geology  
GEOL 1122K | Historical Geology  
GEOL 1131K | Geology & the Environment  
PHYS 1111K | Introductory Physics I  
PHYS 1112K | Introductory Physics II  
PHYS 2211K | Principles of Physics I  
PHYS 2212K | Principles of Physics II  

Select one of the following electives: 3-4  
ASTR 1010 | Astronomy of the Solar System  
ASTR 1020 | Stellar and Galactic Astronomy  
BIOL 1105K | Environmental Studies  
BIOL 1107K | Principles of Biology I  
BIOL 1108K | Principles of Biology II  
BIOL 1203K | Principles of Botany  
BIOL 1224K | Entomology  
CHEM 1151K | Survey of Chemistry  
CHEM 1211K | Principles of Chemistry I  
CHEM 1212K | Principles of Chemistry II  
CMPS 1301 | Principles of Programming I  
CMPS 1302 | Principles of Programming II  
GEOL 1121K | Principles of Geology  
GEOL 1122K | Historical Geology  
GEOL 1131K | Geology & the Environment  
MATH 1113 | Precalculus Mathematics  

MATH 1401 | Elementary Statistics  
MATH 2181 | Applied Calculus  
MATH 2253 | Calculus and Analytic Geom I  
MATH 2254 | Calculus and Analytic Geom II  
PHYS 1111K | Introductory Physics I  
PHYS 1112K | Introductory Physics II  
PHYS 2211K | Principles of Physics I  
PHYS 2212K | Principles of Physics II  

**Area E: Social Sciences**  
HIST 2111 | United States History to 1877  
or HIST 2112 | United States Hist since 1877  
POLS 1101 | American Government  
PSYC 1101 | Introduction to Psychology  

Select one of the following electives: 3  
ANTH 1103 | Intro to Cultural Anthropology  
ECON 2105 | Principles of Macroeconomics  
ECON 2106 | Principles of Microeconomics  
GEOG 1100 | Introduction to Geography  
GEOG 1101 | Intro to Human Geography  
GEOG 1111 | Intro to Physical Geography  
HIST 1111 | World Civilization to 1500 CE  
HIST 1112 | World Civilization since 1500  
HIST 2111 | United States History to 1877  
HIST 2112 | United States Hist since 1877  
PHIL 1103 | Intro to World Religions  
PHIL 2010 | Intro to Philosophical Issues  
PHIL 2020 | Logic and Critical Thinking  
POLS 2101 | Intro to Political Science  
POLS 2201 | State and Local Government  
POLS 2301 | Comparative Politics  
POLS 2401 | International Relations  
PSYC 2101 | Psychology of Adjustment  
PSYC 2103 | Human Development  
SOCI 1101 | Introduction to Sociology  
SOCI 1160 | Social Problems  

**Area F: Major Related**  
COMM 2000 | Intro to Mass Communication  

Select one of the following electives: 3  
ENGL 2111 | World Literature I  
or ENGL 2112 | World Literature II  

Select one of the following electives: 3  
ENGL 2000 | Topics in Literature & Culture  
ENGL 2111 | World Literature I  
ENGL 2112 | World Literature II  
ENGL 2120 | British Literature I  
ENGL 2121 | British Literature II  
ENGL 2130 | American Literature I  
ENGL 2131 | American Literature II  
THEA 2100 | Play Development  
THEA 2300 | Children's Theatre  

Foreign Language:  
Choose one foreign language sequence: 9
EDUC 2120  Exploring Learning/Teaching (Includes 10 hrs of practicum)  3

**---------------------------------------------------**

**Professional Education Semester 1 (PES I) - Fall Semester**

Prior to enrollment in PES I courses, students must be accepted into the Teacher Education Program and have completed ENGL 3010 and 3 credit hours of 3000-level English courses with grades of C or better.

EDUC 3902 and EDUC 3272 must be taken concurrently.

In order to graduate after PES Block IV, it is recommended that students complete 12 credit hours of English content with the grades of C or better before beginning PES Block I.

EDUC 3902  Curric/Asses Secondary Teacher  3
EDUC 3272  Class Mgmt Sec Ed Field Exp I  2

**---------------------------------------------------**

**English Courses (Select two courses from the 'Major Curriculum' list)**

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**---------------------------------------------------**

**Professional Education Semester 2 (PES II) - Spring Semester**

Prior to enrollment in PES II courses, students must have completed EDUC 3902 and EDUC 3272 with grades of C or better.

EDUC 4901 and EDUC 3273 must be taken concurrently.

In order to graduate after PES Block IV, it is recommended that students complete 18 credit hours of English content with grades of C or better before beginning PES Block II.

EDUC 4901  Methods/Strat Teach Sec Stu  3
EDUC 3273  Class Mgmt Sec Ed Field Exp II  2

**---------------------------------------------------**

**English Courses (Select two courses from the 'Major Curriculum' list)**

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**---------------------------------------------------**

**Professional Education Semester 3 (PES III) - Fall Semester**

Prior to enrollment in PES III, students must have completed EDUC 3273 and EDUC 4901 with grades of C or better.

EDUC 3120 and EDUC 3274 must be taken concurrently.

In order to graduate after PES Block IV, it is recommended that students complete 24 credit hours of English content with grades of C or better before beginning PES Block III.

EDUC 3120  Teaching Diverse Learners(Sec)  3
EDUC 3274  Class Mgmt Sec Ed Field Exp III  2

**---------------------------------------------------**

**English Courses (Select two courses from the 'Major Curriculum' list)**

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**---------------------------------------------------**

**Professional Education Semester 4 (PES IV) - Spring Semester**

Prior to enrollment in PES IV, students must have completed EDUC 3120, EDUC 3274, and 30 credit hours 3000- or 4000-level English with grades of C or better.

EDUC 4955, EDUC 4953, and READ 3456 must be taken concurrently.

Students must have completed 30 credit hours of 3000- and/or 4000-level English courses with grades of C or better before being allowed to enter PES IV-Student Teaching.

EDUC 4953  Teaching Internship Seminar  1
EDUC 4955  Internship in Sec School Engl  8
READ 3456  Reading across Curric Sec Educ  3

**---------------------------------------------------**

**Physical Education**

PHED Activity Elective  1

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**---------------------------------------------------**
Environmental and Sustainability Studies

Environmental Sustainability is a field that focuses on how societies can meet the needs of the present without compromising the ability of future generations to meet their own needs. The Bachelor of Science in Environmental and Sustainability Studies program is designed to produce graduates that have both the knowledge and skills to address environmental and social crises. Complex issues, such as renewable energy, climate change, recycling, and environmental security, require an interdisciplinary education that weaves together science and social science disciplines. Graduates of this program are well prepared for careers in all levels of government, non-governmental organizations, and businesses.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
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<tr>
<td>MATH 1113</td>
<td>Precalculus Mathematics</td>
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Area B: Institutional Options

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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
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One of the following electives: 1

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<tbody>
<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
<td></td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
<td></td>
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<tr>
<td>GEOL 1000</td>
<td>Natural Hazards (Recommended)</td>
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</tr>
<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
<td></td>
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<tr>
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<td>Appalachian Hist-Special Topic</td>
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<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<td>Mystery Fiction in Pop Culture</td>
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<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one or two ENGL course(s) 3-6

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<td>ENGL 2112</td>
<td>World Literature II</td>
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<td>ENGL 2130</td>
<td>American Literature I</td>
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<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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If only one ENGL course chosen, add one of the following: 0-3

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
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<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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Area D: Science/Mathematics/Technology

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<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
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<td>MATH 1401</td>
<td>Elementary Statistics</td>
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Area E: Social Sciences

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<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
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<td>HIST 2112</td>
<td>United States Hist since 1877</td>
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<td>POLS 1101</td>
<td>American Government</td>
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Two of the following electives: 6

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<td>ANTH 1111</td>
<td>World Civilization to 1500 CE</td>
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<td>HIST 1111</td>
<td>World Civilizationsince 1500</td>
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<td>PHIL 1103</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<td>POLS 2101</td>
<td>Intro to Political Science</td>
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<td>PSYC 1101</td>
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<td>PSYC 2101</td>
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<td>Human Development</td>
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<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<td>SOCI 1160</td>
<td>Social Problems</td>
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Area F: Major Related

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<td>BUSA 2106</td>
<td>The Environment of Business</td>
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<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<td>SUST 2000</td>
<td>Intro Envir Sustainability *</td>
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Major Requirements

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<td>CHEM 3212K</td>
<td>Organic Chemistry II</td>
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<td>CHEM 3311K</td>
<td>Quantitative Analysis</td>
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<td>CHEM 3700K</td>
<td>Environmental Chemistry</td>
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<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
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<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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<tr>
<td>SUST 3500</td>
<td>Environ Policies, Rules &amp; Regu</td>
<td>3</td>
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<tr>
<td>SUST 4000</td>
<td>Senior Seminar</td>
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</tr>
<tr>
<td>SUST 4100</td>
<td>Water Resources</td>
<td>3</td>
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<tr>
<td>SUST 4200</td>
<td>Energy Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>SUST 4300</td>
<td>Waste and Recycling</td>
<td>3</td>
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</table>

**Major Electives**

- SUST 3100 Environmental Security
- SUST 3200 Sustainable Cities
- SUST 3300 Climate and Society
- SUST 3400 Sustain. Transport & Mobility
- SUST 4900 Spec Top Envir. Sustainability

**STM Electives**

- BIOL 2270 Ethical Issues in Science
- BIOL 3500K Ecology
- BIOL 3520K Invertebrate Zoology
- BIOL 3550 Conservation Biology
- BIOL 3700 Field Biology Techniques
- BIOL 4275 Bioremediation/Phytoremediatio
- BIOL 4600 Ecotoxicology
- MATH 2253 Calculus and Analytic Geom I
- MATH 2254 Calculus and Analytic Geom II
- MATH 3050 Biological Statistics
- SUST 3100 Environmental Security
- SUST 3200 Sustainable Cities
- SUST 3300 Climate and Society
- SUST 3400 Sustain. Transport & Mobility
- SUST 4860 Internship Environmental Susta
- SUST 4900 Spec Top Envir. Sustainability

**Physical Education**

- PHED Activity Elective 1

**Total Hours**: 121

* SUST 2000 is the pre-requisite for all SUST courses and must be successfully completed before taking other SUST courses.

**History**

**Bachelor of Arts**

The Bachelor of Arts degree with a major in history is designed to produce graduates who have knowledge of U.S., world, and regional history. The degree provides students with skills in research, writing, communication, interpretation, and analysis and prepares them for employment in public history, government and politics, international relations, business, and the media, including journalism and editing. Students are also prepared to pursue graduate degrees in a number of fields, including history, philosophy, law, and the social sciences.

**Area A: Essential Skills**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
<td></td>
</tr>
<tr>
<td>or MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>or MATH 1401</td>
<td>Elementary Statistics</td>
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**Area B: Institutional Options**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
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<td>One of the following electives:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<td>ENGL 1110</td>
<td>Creative Writing</td>
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<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
<td></td>
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<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s): 3-6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
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<td>ENGL 2120</td>
<td>British Literature I</td>
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<td>ENGL 2121</td>
<td>British Literature II</td>
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<td>ENGL 2130</td>
<td>American Literature I</td>
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<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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If only one ENGL course chosen, add one of the following: 0-3

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
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<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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<tr>
<td>MUSC 1100</td>
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<td>American Music</td>
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<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives: 8

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ASTR 1010  &amp; 1010L</td>
<td>Astronomy of the Solar System and Astronomy of Solar Sys. Lab</td>
<td></td>
</tr>
<tr>
<td>ASTR 1020  &amp; 1020L</td>
<td>Stellar and Galactic Astronomy and Stellar &amp; Galac. Astronomy Lab</td>
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</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
<td></td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
<td></td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
<td></td>
</tr>
<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
<td></td>
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<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td></td>
</tr>
<tr>
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</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
<td></td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
<td></td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
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<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
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<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
<td></td>
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<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
<td></td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
<td></td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
<td></td>
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<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td></td>
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<tr>
<td>CMPS 1301</td>
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<td>CMPS 1302</td>
<td>Principles of Programming II</td>
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<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
<td></td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Precalculus Mathematics</td>
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<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
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<tr>
<td>MATH 2181</td>
<td>Applied Calculus</td>
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<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
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<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
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</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
<td></td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
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<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
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### Area E: Social Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
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Two of the following electives: 6

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
</tr>
<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
</tr>
<tr>
<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
</tr>
<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
</tr>
<tr>
<td>POLS 2101</td>
<td>Intro to Political Science</td>
</tr>
<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
</tr>
<tr>
<td>POLS 2301</td>
<td>Comparative Politics</td>
</tr>
<tr>
<td>POLS 2401</td>
<td>International Relations</td>
</tr>
</tbody>
</table>

### PSYC 1101 Introduction to Psychology

### PSYC 2101 Psychology of Adjustment

### PSYC 2103 Human Development

### SOCI 1101 Introduction to Sociology

### SOCI 1160 Social Problems

### Area F: Major Related

Three of the following History Electives: 9

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World Civilization since 1500</td>
</tr>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>HIST 2112</td>
<td>United States Hist since 1877</td>
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Choose French, German, or Spanish Language Sequence: 6

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FREN 1001</td>
<td>Elementary French I</td>
</tr>
<tr>
<td>FREN 1002</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>FREN 2001</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>OR</td>
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</tr>
<tr>
<td>GRMN 1001</td>
<td>Elementary German I</td>
</tr>
<tr>
<td>GRMN 1002</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SPAN 1001</td>
<td>Elementary Spanish I</td>
</tr>
<tr>
<td>SPAN 1002</td>
<td>Elementary Spanish II</td>
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<td>SPAN 1003</td>
<td>Accelerated Elementary Spanish</td>
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<tr>
<td>SPAN 2001</td>
<td>Intermediate Spanish I</td>
</tr>
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<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
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### Area E: Social Sciences

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>COMM 1100</td>
<td>Human Communications</td>
</tr>
<tr>
<td>COMM 2000</td>
<td>Intro to Mass Communication</td>
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<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
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<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
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<td>GEOG 1111</td>
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<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<tr>
<td>POLS 2101</td>
<td>Intro to Political Science</td>
</tr>
<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
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<tr>
<td>POLS 2301</td>
<td>Comparative Politics</td>
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<td>International Relations</td>
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### Major Field Courses

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<tbody>
<tr>
<td>HIST 3000</td>
<td>The Study of History</td>
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### Research Seminars

One of the following courses: 3

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<tbody>
<tr>
<td>HIST 4900</td>
<td>Senior Sem in Non-Western Hist</td>
</tr>
<tr>
<td>HIST 4910</td>
<td>Senior Sem in Chinese History</td>
</tr>
<tr>
<td>HIST 4920</td>
<td>Senior Sem in European History</td>
</tr>
<tr>
<td>HIST 4930</td>
<td>Senior Sem in American History</td>
</tr>
</tbody>
</table>
### U.S. History

Five of the following courses: 15

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 3325</td>
<td>Introduction to Public History</td>
</tr>
<tr>
<td>HIST 3345</td>
<td>Business &amp; Econ Hist of the US</td>
</tr>
<tr>
<td>HIST 3350</td>
<td>History of Appalachia</td>
</tr>
<tr>
<td>HIST 3700</td>
<td>American History and Film</td>
</tr>
<tr>
<td>HIST 3710</td>
<td>Amer Indian History to 1840</td>
</tr>
<tr>
<td>HIST 3720</td>
<td>Amer Indian History since 1840</td>
</tr>
<tr>
<td>HIST 3725</td>
<td>Religion in America to 1860</td>
</tr>
<tr>
<td>HIST 3730</td>
<td>Colonial America</td>
</tr>
<tr>
<td>HIST 3735</td>
<td>Revolutionary America</td>
</tr>
<tr>
<td>HIST 3740</td>
<td>Jeffersonian/Jacksonian Amer</td>
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<tr>
<td>HIST 3750</td>
<td>Civil War &amp; Reconstruction</td>
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<tr>
<td>HIST 3755</td>
<td>American Foreign Policy</td>
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<td>HIST 3760</td>
<td>Gilded Age/Progress Era America</td>
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<tr>
<td>HIST 3770</td>
<td>America from WWI to WWII</td>
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<td>HIST 3780</td>
<td>Cold War America</td>
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<tr>
<td>HIST 3785</td>
<td>The American Presidency</td>
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<tr>
<td>HIST 3800</td>
<td>Civil Rights Movement</td>
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<tr>
<td>HIST 3810</td>
<td>African-Amer Religions to 1860</td>
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<tr>
<td>HIST 3830</td>
<td>The Old South</td>
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<td>HIST 3835</td>
<td>The New South</td>
</tr>
<tr>
<td>HIST 3840</td>
<td>African-American Hist to 1877</td>
</tr>
<tr>
<td>HIST 3845</td>
<td>African-Amer Hist since 1877</td>
</tr>
<tr>
<td>HIST 3850</td>
<td>U.S. Women's History to 1877</td>
</tr>
<tr>
<td>HIST 3855</td>
<td>U.S. Women's History since 1877</td>
</tr>
<tr>
<td>HIST 3930</td>
<td>History of Georgia</td>
</tr>
<tr>
<td>HIST 3960</td>
<td>Special Topics in US History (may be taken twice when topics differ)</td>
</tr>
<tr>
<td>HIST 4000</td>
<td>History Internship</td>
</tr>
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### Non-U.S. History

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<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>HIST 3050</td>
<td>The Ancient Mediterranean</td>
</tr>
<tr>
<td>HIST 3110</td>
<td>Colonial Latin America</td>
</tr>
<tr>
<td>HIST 3120</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>HIST 3150</td>
<td>History of Africa</td>
</tr>
<tr>
<td>HIST 3160</td>
<td>The African Diaspora</td>
</tr>
<tr>
<td>HIST 3200</td>
<td>Traditional China</td>
</tr>
<tr>
<td>HIST 3210</td>
<td>Modern China</td>
</tr>
<tr>
<td>HIST 3230</td>
<td>History of the Middle East</td>
</tr>
<tr>
<td>HIST 3300</td>
<td>English History to 1485</td>
</tr>
<tr>
<td>HIST 3310</td>
<td>Tudor-Stuart England</td>
</tr>
<tr>
<td>HIST 3320</td>
<td>History of Britain since 1714</td>
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<tr>
<td>HIST 3340</td>
<td>The British Empire</td>
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<td>HIST 3440</td>
<td>Europe in the Middle Ages</td>
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<td>HIST 3460</td>
<td>Renaissance and Reformation</td>
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<td>HIST 3480</td>
<td>Europe in the 19th Century</td>
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<td>HIST 3490</td>
<td>Europe in the 20th Century</td>
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<tr>
<td>HIST 3495</td>
<td>World War I Era</td>
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<td>HIST 3500</td>
<td>World War II Era</td>
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<td>HIST 3510</td>
<td>History of Japan</td>
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<td>HIST 3520</td>
<td>France: 1660-1815</td>
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<td>HIST 3540</td>
<td>Modern Russia</td>
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<td>HIST 3550</td>
<td>Modern Germany</td>
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<tr>
<td>HIST 3560</td>
<td>The Holocaust</td>
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<tr>
<td>HIST 3940</td>
<td>Special Topics World History (may be taken twice when topics differ)</td>
</tr>
<tr>
<td>HIST 4000</td>
<td>History Internship</td>
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</tbody>
</table>

### Upper Level Electives

Three of the following electives: 9

### General Electives

Choose any School of Liberal Arts 15-credit-minor OR any School of Liberal Arts offerings at 2000-level or higher, with no more than 6 credits at the 2000 level.

### Physical Education

PHED Activity Elective 1

Total Hours 121-122

* Grades of C or better required for HIST 1111, 1112, 2111, and 2112

### Courses

**HIST 1050. Appalachian Hist-Special Topic. 1-0-1 Unit.**
Provides a topical survey of the social, economic, and political history of the Appalachian Region from the colonial period to the present. This course examines patterns of culture, economy, politics, land use, and social structure. Topics may vary each term. (Offered occasionally)
Prerequisites: English 0999 unless exempt.

**HIST 1051. Sports Hist & Amer Character. 1-0-1 Unit.**
Surveys American sports history from 1900 to present to demonstrate the impact of sports on the unique American character. The course will emphasize the relationships of sports, players, and spectators to American society. Through the connection of sports history with politics, sociology, and business, students will analyze how sporting activities reflect the development of American society during the twentieth century.
Prerequisites: English 0999 unless exempt.

**HIST 1111. World Civilization to 1500 CE. 3-0-3 Units.**
Surveys the history of civilization from its beginnings through the ancient, classic, and medieval eras to 1650 C.E. Although Western civilization and its antecedents in the Mediterranean basin receive the most intense study, Indian, Far Eastern, and Islamic civilizations are also given extensive consideration.
Prerequisites: English 0999 unless exempt.

**HIST 1112. World Civilization since 1500. 3-0-3 Units.**
Surveys the history of civilization in the modern era from 1650 C.E. to the present. While the perspective of the course is global, the development of Western ideals and institutions and their expansion on a world-wide scale serve as the basic organizing principles of the course. A continuation of HIST 1111 but may be taken independently.
Prerequisites: English 0999 unless exempt.

**HIST 2111. United States History to 1877. 3-0-3 Units.**
Surveys the history of colonial America and the United States from the first European encounters with the New World through the Civil War and Reconstruction.
Prerequisites: English 0999 unless exempt.
HIST 2111H. Honors US History to 1877. 3-0-3 Units.
HIST 2112. United States History since 1877. 3-0-3 Units.
Surveys United States history from the Reconstruction era to the present. A continuation of HIST 2111 but may be taken independently. Prerequisites: English 0999 unless exempt.

HIST 3000. The Study of History. 3-0-3 Units.
Provides an introduction to the historian’s craft. Includes an examination of the philosophies, methodologies, and techniques of historical research and writing. History majors must take this course at the beginning of their junior year. Prerequisites: HIST 2111 and HIST 2112.

HIST 3050. The Ancient Mediterranean. 3-0-3 Units.
Examines ancient civilizations in the region of the Mediterranean Sea. Topics will include the history of ancient Egypt and Mesopotamia, Greece, and Rome. Emphasis is placed on political, social, economic, and military systems and on the historical relationships among the major Mediterranean cultures. Prerequisites: HIST 1111 and HIST 3000.

HIST 3100. History of Latin America. 3-0-3 Units.
Explores Amerindian, Iberoamerican, and Caribbean history from pre-encounter times to the present. Topics will include European intrusion and settlement, plantation societies, slavery, and slave rebellions, 19th and 20th century political and economic developments and U.S. policy. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3110. Colonial Latin America. 3-0-3 Units.
Explores Amerindian, Iberoamerican, and Caribbean history from pre-encounter times to the end of the colonial period in the late 18th century. Topics will include European intrusion and settlement, systems of colonial governance, plantation societies, and slavery. Prerequisites: HIST 1111 and 1112; prerequisite or co-requisite: HIST 3000.

HIST 3120. Modern Latin America. 3-0-3 Units.
Examines the establishment of government and new social structures in society after the wars for independence as well as the major developments during the 19th and 20th centuries. This course covers the contributions of indigenous peoples and those of African descent to Latin American culture and emphasizes major trends and developments in the various Latin American countries rather than the details of each of the present republics. Prerequisites: HIST 1112; prerequisite or co-requisite: HIST 3000.

HIST 3150. History of Africa. 3-0-3 Units.
Explores the history of Africa from the origins of agriculture, the rise of complex societies, the spread of Islam, the rise of the Atlantic slave trade and Diaspora. Topics will also include European conquest and colonization, anti-colonial wars, independence and post-colonial politics. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3160. The African Diaspora. 3-0-3 Units.
Examines the history of the dispersed Africans covering the period from its beginnings in the fifteenth-century until the early twentieth century, including contacts between Africa and the rest of the world, the development of African Diasporas in the Americas, revolutions and abolitionism, and “back to Africa” movements. Prerequisites: HIST 1111 or HIST 1112, and HIST 3000.

HIST 3200. Traditional China. 3-0-3 Units.
Surveys the history of Chinese civilization from ancient times to the mid-nineteenth century. Emphasis is placed on political, social, economic, and cultural development. Topics include Chinese philosophy, foreign relations, and governmental structures. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3210. Modern China. 3-0-3 Units.
Surveys the history of China from the nineteenth century to the present. Emphasis is placed on political, social, economic, and cultural developments. Prerequisites: HIST 1112 and HIST 3000.

HIST 3230. History of the Middle East. 3-0-3 Units.
Surveys the history of the Middle East from 1453 to the present. Focus is on the evolution of religions, nationalist and cultural identities in the region, and their contribution to political revolutions. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3300. English History to 1485. 3-0-3 Units.
Traces the development of England from ancient times until 1485. Special attention will be given to the political, religious, and social developments within England. The Romand and Anglo-Saxon periods and the dynasties established after the Norman Conquest will all be examined. Prerequisites: HIST 1111 and pre- or co-requisite: HIST 3000.

HIST 3310. Tudor-Stuart England. 3-0-3 Units.
Explores the religious, political, and cultural upheavals in England under the Tudor and Stuart monarchs of the sixteenth and seventeenth centuries. Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3320. History of Britain since 1714. 3-0-3 Units.
Traces the history of Britain from the age of the American War of Independence and the Industrial Revolution through the 20th century. Particular attention will be paid to political culture, intellectual change, and economic readjustment in the 20th century. Prerequisites: HIST 1112 and HIST 3000.

HIST 3325. Introduction to Public History. 3-0-3 Units.
Exposes students to how Americans think about the past, as well as its commemoration and public presentation. Special focus will be placed on the ways in which historians transfer their writing, research, and analytical skills to professions outside of academia. Major subfields and professions within public history are examined as are the current issues and controversies within the field. Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3340. The British Empire. 3-0-3 Units.
Examines the British Empire from the first expansion in the 16th century to the period of decolonization in the 20th century. The ways the British built and then maintained the empire will be explained. Emphasis will be on Australia, Canada, South Africa and India, but imperial holdings across the globe will also be considered. Prerequisites: HIST 1112; prerequisite or co-requisite: HIST 3000.

HIST 3345. Business & Econ Hist of the US. 3-0-3 Units.
Surveys United States economic history from colonial times to the present. Emphasis will be placed on the dynamic growth and socio-political repercussions of American industrial power at home and abroad from the second half of the 19th century.(Offered occasionally) Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.
HIST 3350. History of Appalachia. 3-0-3 Units.
Surveys the history of the Appalachian region from the colonial period to the present. The course will emphasize the social, economic, and political history of the region. This study of Appalachian history will shed light on the national experience as well.
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3440. Europe in the Middle Ages. 3-0-3 Units.
Surveys Medieval Europe from 476 to the fall of Constantinople in 1453. The rise of the Catholic Church to its dominant position in the 13th century and the struggles of the monarchs and their feudal values will be discussed along with such topics as the Black Death and the Inquisition.
Prerequisites: HIST 1111 and HIST 3000.

HIST 3460. Renaissance and Reformation. 3-0-3 Units.
Analyzes the two great intellectual movements of early modern Europe. Details will include the religions and social context in which these movements took place and their respective influences on European society.
Prerequisites: HIST 1111 or HIST 1112 and HIST 3000.

HIST 3480. Europe in the 19th Century. 3-0-3 Units.
Integrates social, cultural and political events and includes such topics as religion, social structures, economics, and modern warfare in 19th century Europe.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3490. Europe in the 20th Century. 3-0-3 Units.
Integrates social, cultural, and political events and includes such topics as religion, social structures, economics, and modern warfare in 20th century Europe.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3495. World War I Era. 3-0-3 Units.
Explores the origins and conduct of World War I, as well as the Paris Peace Conference after the war and the role the conference played in the coming of World War II, twenty years later. Emphasis will be place on Germany, France, Great Britain and Russia, and their roles in the war.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3500. World War II Era. 3-0-3 Units.
Examines the causes of World War II, along with the events and implications of the war. Emphasis will be placed on the period from the end of World War I to 1945, with special consideration given to the political, military, and diplomatic aspects of the war.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3510. History of Japan. 3-0-3 Units.
Surveys the history of Japan from ancient and medieval Japan's cultural foundations to modern Japan's transformation from an agrarian country to an economic superpower.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3520. France: 1660-1815. 3-0-3 Units.
Surveys French history, including such topics as French expansion and colonization, the Enlightenment, conflicts in French society under the Old Regime, the Revolution, and the Napoleonic Wars.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3540. Modern Russia. 3-0-3 Units.
Stresses the Russian Revolution, the 1917 Bolshevik takeover, Leninist-Stalinist contributions and modification culminating with Gorbachev and includes the 1991 downfall of Communism and the emergence of a new Russia.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3550. Modern Germany. 3-0-3 Units.
Surveys German history since 1848, including such topics as German unification, the Franco-Prussian War, World War I, the Rise of Nazism, World War II, the division of Germany, and the Cold War to reunification and the present.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3560. The Holocaust. 3-0-3 Units.
This course will critically examine the events that shaped the tragic outcome of the Holocaust. In addition to providing a chronological history of major events, this course will look at the Holocaust thematically by exploring such issues as the historical memory of the Holocaust, the roles played by rescuers, bystanders, and collaborators, the attempts to resist the extermination of European Jews, and, finally, the impact of the Holocaust on survivors. Prerequisites: HIST 1112 and HIST 3000 (HIST 3000 is waived for non-History majors).

HIST 3610. Oral History. 3-0-3 Units.
Focuses on the theories, methods and debates related to oral history. It provides the practical skills required to conduct successful oral history interviews. Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3620. Historic Site Preservation. 3-0-3 Units.
Provides an introduction to American historic preservation and focuses on its history and practices. The course surveys the growth and development of the preservation of sites, landscapes, and buildings, in particular, and investigates the legislation (national, state, and local) that established and continues to guide the field of preservation, providing students with knowledge of historic preservation issues, programs, and practices. Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3630. Introduction to Museum Studies. 3-0-3 Units.
Provides students with an overview of the purpose, function, and history of museums and their role in society. Students will be introduced to all of the disciplines within the museum and will discuss recent issues in the field. Additional readings, responses, and presentations will allow students to explore their own interests in the field. Students will gain hands-on experience using the resources of the Bandy Heritage Center.
Prerequisite(s): HIST 2111 and HIST 2112 and HIST 3000.

HIST 3640. Archival Management in Museums. 3-0-3 Units.
Introduces students to the art of archival theory and practice. Prerequisite(s): HIST 2111 and HIST 2112 and HIST 3000.

HIST 3650. History and Memory. 3-0-3 Units.
Examines the literature of public history and memory. Through readings and discussion, the class will examine the changing interpretations of historical events over time, the influence of historical memory, the politics of historical interpretation, and the public presentation of history. Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3700. American History and Film. 3-0-3 Units.
Explores the history of the United States through films made about various historical eras. Through a contextualization and critical analysis of these films and their subjects, students will develop an understanding of the major themes in US history.
Prerequisites: HIST 2111 or 2112, prerequisite or co-requisite: HIST 3000.

HIST 3710. Amer Indian History to 1840. 3-0-3 Units.
Explores the impact of colonization on Native Americans to 1840, focusing on the adaptations of Indians to the tremendous changes brought about by the meeting of the Old World and the New World.
Prerequisites: HIST 2111 and HIST 3000.
HIST 3720. Amer Indian History since 1840. 3-0-3 Units.
Explores how Native Americans themselves have constructed their lives from 1840 through the 20th century. Special attention will be given to U.S. government policy toward the Indians.
Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 3725. Religion in America to 1860. 3-0-3 Units.
Provides a broad knowledge of religion in early America, primarily from a social and cultural perspective, until 1860. Topics will include region, social class, growth of institutions, slavery, and social reform in traditions including Protestantism, West African religion, Catholicism, Native American religion, and Judaism.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3730. Colonial America. 3-0-3 Units.
Provides an in-depth study of Colonial America, particularly North America, from pre-Columbian times up to the Revolutionary era.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3735. Revolutionary America. 3-0-3 Units.
Provides an in-depth study of Revolutionary America from the end of the French and Indian War to the election of 1800.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3740. Jeffersonian/Jacksonian Amer. 3-0-3 Units.
Explores the history of the United States from the early republic to the antebellum period. The course focuses on expansion, industry, the development of the first and second party systems, and the factors which led to the sectional crisis.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3750. Civil War & Reconstruction. 3-0-3 Units.
Explores the origins and conduct of the war as well as its legacy and impact on people and institutions. Emphasis will be placed on the American South and the experiences of African Americans.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3755. American Foreign Policy. 3-0-3 Units.
Examines the role of the United States in world affairs, the motivations of foreign policymakers, and the ramifications of key decisions. The primary focus will be on the period after 1890, when the United States emerged as a global power. The course will also address the foundations of the country's approach to international relations and introduce the various approaches of studying foreign relations.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3760. Gilded Age/Progres Era America. 3-0-3 Units.
Surveys the political, social, economic, diplomatic, and intellectual history of the United States from the 1870s to the 1910s.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3770. America from WWI to WWII. 3-0-3 Units.
Focuses on the political, social, economic, diplomatic, and intellectual history of the United States as the nation grappled with its participation in the two major world wars as well as dealt with the consequences of a worldwide depression.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3780. Cold War America. 3-0-3 Units.
Surveys the political, social, economic, diplomatic, and intellectual history of the United States from the end of World War II to the early 1990s.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3785. The American Presidency. 3-0-3 Units.
Examines the evolution of the presidency from its creation to the present. This course explores the relationship of the presidency with other governmental institutions, interest groups, the press and the public.
Prerequisites: HIST 2111, 2112, and 3000.

HIST 3790. Civil Rights Movement. 3-0-3 Units.
Surveys the Civil Rights Movement from World War II to the present. Emphasis will be placed on the leaders as well as the events that helped shape the movement.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3810. African-Amer Religions to 1860. 3-0-3 Units.
Examines African American spirituality and religion from the arrival of African slaves to the Americas until the verge of the United States Civil War. It will illustrate the variety of African spirituality through time, as well as the influence of environment, Christianity, and white-black relations on the development of these different spiritualities, with special attention being given to the institution of slavery. The development of African Christianity will be a focus, but the course will also address Islam, traditional African faiths, and Afro-Caribbean religions.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3820. The Old South. 3-0-3 Units.
Explores the life and events in the American South from the colonial period to the end of the Civil War.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3825. The New South. 3-0-3 Units.
Encompasses the study of the life and events of the American South from the end of the Civil War to the present.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3830. The Old South. 3-0-3 Units.
Explores the life and events in the American South from the colonial period to the end of the Civil War.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3835. The New South. 3-0-3 Units.
Examines the history of the United States from the arrival of the Europeans on the continent through the Reconstruction era. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3840. African-American Hist to 1877. 3-0-3 Units.
Examines the African-American history from its beginnings through emancipation and Reconstruction by analyzing the African origins of black Americans, the middle passage, the development of plantation slavery, and the many historical changes that shaped African-American life and culture thereafter.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3845. African-Amer Hist since 1877. 3-0-3 Units.
Examines the African-American experience from a multidisciplinary perspective from 1877 to the present, focusing on the ways in which African Americans made the transition from slavery to freedom and how the American social, economic, and political landscape was dramatically altered as the ante-bellum plantation system came to an end and African Americans strove to gain and protect their civil rights.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3850. U.S. Women's History to 1877. 3-0-3 Units.
Surveys the experiences of women in the U.S. from the arrival of the Europeans on the continent through the Reconstruction era. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3855. U.S. Women's Hist since 1877. 3-0-3 Units.
Surveys the experiences of women in the U.S. from the post-Reconstruction era to the present. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3930. History of Georgia. 3-0-3 Units.
Examines the history of the state from settlement to the present. Major themes include race, class, and modernization in the development of Georgia. Emphasis will be placed on the cultural, ethnic, and regional diversity of the state.
Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.
HIST 3940. Special Topics World History. 3-0-3 Units.
Focuses on a special topic not otherwise offered in the world history curriculum. Topics, methodology, and instructors vary from semester to semester. Representative topics might include 'Society and Culture in the Age of Reformation,' 'Society and Culture in the Medieval European City,' 'Medicine and Disease in Early Europe,' and 'Imperialism and Anti-Imperialism in Modern Europe.' This course may be repeated for up to six hours of credit when topics vary.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3960. Special Topics in US History. 3-0-3 Units.
Focuses on a special topic not otherwise offered in the United States history curriculum. Topics, methodology, and instructors vary from semester to semester. Representative topics might include 'U.S. Foreign Policy since 1890,' 'World War II,' 'Women in the Appalachian South,' and 'The Cold War.' This course may be repeated for up to six hours of credit when topics vary.
Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 4000. History Internship. 3-0-3 Units.
Provides experience in applying history in a previously approved museum, historical society, archive, center, organization, or government setting. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Credit will be applied toward upper-level American history or World history requirements depending on nature of the appointment. Graded on a satisfactory/unsatisfactory basis. Repeatable for a maximum of 6 credit hours.
Prerequisites: 30 semester hours and permission of instructor.

HIST 4900. Senior Sem in Non-Western Hist. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in non-Western history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: HIST 3100 or HIST 3150 or HIST 3230 or HIST 3510, 30 hours of Upper Level History courses.

HIST 4901. Methods/Strategies Sec Soc Sci. 3-0-3 Units.
Provides secondary teacher candidates with strategies and techniques to become reflective decision-makers. Focuses on active learning through the design of quality assessment and instruction, using appropriate performance based teaching methods.(S)
Prerequisites: Completion of EDUC 3902 and EDUC 3272 with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3273.

HIST 4910. Senior Sem in Chinese History. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in Chinese history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: HIST 3200 and HIST 3210, 30 hours of Upper Level History courses.

HIST 4920. Senior Sem in European History. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in European history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: HIST 3310 or HIST 3320 or HIST 3340 or HIST 3460 or HIST 3480 or HIST 3490 or HIST 3520, 30 hours of Upper Level History courses.

HIST 4930. Senior Sem in American History. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in American history. Instruction will include coverage of historical research methods, and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: 30 hours of upper-level history courses; also HIST 3710 or HIST 3720 or HIST 3730 or HIST 3740 or HIST 3750 or HIST 3760 or HIST 3770 or HIST 3780 or HIST 3830 or HIST 3840 or HIST 3850 or HIST 3930.

History, Secondary Certification Option

Bachelor of Arts

The Bachelor of Arts degree with a major in History (secondary certification option) is designed to prepare graduates for careers teaching history at the secondary education level. The degree requires coursework in both U.S. and world history and includes three semesters of field experience in the classroom with a fourth semester dedicated to a teaching internship. Coursework is designed to prepare students to succeed as teachers and to provide them with skills in research, writing, communication, interpretation, and analysis.

The Bachelor of Arts with a major in History, Secondary Certification option is approved by the Board of Regents of the University System of Georgia and the Georgia Professional Standards Commission (PSC).

**IMPORTANT:** Effective Fall 2014, all students who are majoring or minoring in History will be required to take HIST 3000: The Study of History. Either as a prerequisite or as a co-requisite for all 3000- and 4000-level history courses. Non-majors are permitted to enroll in 3000- and 4000-level history courses as electives without having to satisfy this requirement.

**Area A: Essential Skills**

Grades of C or better are required.

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<tbody>
<tr>
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<td>English Composition II</td>
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<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
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<tr>
<td>or MATH 1101</td>
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<td>or MATH 1111</td>
<td>College Algebra</td>
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**Area B: Institutional Options**

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<tr>
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<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td></td>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<td>ENGL 1110</td>
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<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
<td></td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
<td></td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
<td></td>
</tr>
<tr>
<td>PRSP Elective (See advisor)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s): 3-6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
</tr>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
</tr>
</tbody>
</table>

If only one ENGL course chosen, add one of the following: 0-3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>MUSC 1110</td>
<td>World Music</td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>American Music</td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
</tr>
</tbody>
</table>

**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives: 8

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System &amp; Astronomy of Solar Sys. Lab</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy &amp; Stellar &amp; Galac. Astronomy Lab</td>
</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>GEOG 1121K</td>
<td>Principles of Geology</td>
</tr>
<tr>
<td>GEOG 1122K</td>
<td>Historical Geology</td>
</tr>
<tr>
<td>GEOG 1131K</td>
<td>Geography &amp; the Environment</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
</tbody>
</table>

One of the following electives: 3-4

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
</tr>
</tbody>
</table>

**Area E: Social Sciences**

HIST 2111 United States History to 1877 * 3

or HIST 2112 United States Hist since 1877

POLS 1101 American Government 3

PSYC 1101 Introduction to Psychology ** 3

One of the following electives: 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
</tr>
<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
</tr>
<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
</tr>
</tbody>
</table>

**Area F: Major Field**

Three of the following History Electives: 9

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE *</td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World Civilization since 1500</td>
</tr>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877 *</td>
</tr>
<tr>
<td>HIST 2112</td>
<td>United States Hist since 1877 *</td>
</tr>
</tbody>
</table>

Choose French, German, or Spanish Language Sequence: 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>FREN 1001</td>
<td>Elementary French I</td>
</tr>
<tr>
<td>FREN 1002</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>FREN 2001</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>GRMN 1001</td>
<td>Elementary German I</td>
</tr>
<tr>
<td>GRMN 1002</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>SPAN 1001</td>
<td>Elementary Spanish I</td>
</tr>
<tr>
<td>SPAN 1002</td>
<td>Elementary Spanish II</td>
</tr>
<tr>
<td>SPAN 1003</td>
<td>Accelerated Elementary Spanish</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>SPAN 2001</td>
<td>Intermediate Spanish I</td>
</tr>
<tr>
<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
</tr>
<tr>
<td>One of the following electives:</td>
<td></td>
</tr>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
</tr>
<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
</tr>
<tr>
<td>Major Field Courses</td>
<td></td>
</tr>
<tr>
<td>HIST 3930</td>
<td>History of Georgia</td>
</tr>
<tr>
<td>HIST 3000</td>
<td>The Study of History</td>
</tr>
<tr>
<td>U.S. History</td>
<td></td>
</tr>
<tr>
<td>Four of the following courses:</td>
<td></td>
</tr>
<tr>
<td>HIST 3350</td>
<td>History of Appalachia</td>
</tr>
<tr>
<td>HIST 3710</td>
<td>Amer Indian History to 1840</td>
</tr>
<tr>
<td>HIST 3720</td>
<td>Amer Indian History since 1840</td>
</tr>
<tr>
<td>HIST 3730</td>
<td>Colonial America</td>
</tr>
<tr>
<td>HIST 3735</td>
<td>Revolutionary America</td>
</tr>
<tr>
<td>HIST 3740</td>
<td>Jeffersonian/Jacksonian Amer</td>
</tr>
<tr>
<td>HIST 3750</td>
<td>Civil War &amp; Reconstruction</td>
</tr>
<tr>
<td>HIST 3755</td>
<td>American Foreign Policy</td>
</tr>
<tr>
<td>HIST 3760</td>
<td>Gilded Age/Progres Era America</td>
</tr>
<tr>
<td>HIST 3770</td>
<td>America from WWI to WWII</td>
</tr>
<tr>
<td>HIST 3780</td>
<td>Cold War America</td>
</tr>
<tr>
<td>HIST 3830</td>
<td>The Old South</td>
</tr>
<tr>
<td>HIST 3835</td>
<td>The New South</td>
</tr>
<tr>
<td>HIST 3840</td>
<td>African-American Hist to 1877</td>
</tr>
<tr>
<td>HIST 3845</td>
<td>African-American Hist since 1877</td>
</tr>
<tr>
<td>HIST 3850</td>
<td>U.S. Women's History to 1877</td>
</tr>
<tr>
<td>HIST 3855</td>
<td>U.S. Women's Hist since 1877</td>
</tr>
<tr>
<td>Non-U.S. History</td>
<td></td>
</tr>
<tr>
<td>Select one Africa course:</td>
<td></td>
</tr>
<tr>
<td>HIST 3150</td>
<td>History of Africa</td>
</tr>
<tr>
<td>HIST 3160</td>
<td>The African Diaspora</td>
</tr>
<tr>
<td>Select one Latin American or Middle Eastern course:</td>
<td></td>
</tr>
<tr>
<td>HIST 3110</td>
<td>Colonial Latin America</td>
</tr>
<tr>
<td>HIST 3120</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>HIST 3230</td>
<td>History of the Middle East</td>
</tr>
<tr>
<td>Select one European course:</td>
<td></td>
</tr>
<tr>
<td>HIST 3310</td>
<td>Tudor-Stuart England</td>
</tr>
<tr>
<td>HIST 3300</td>
<td>English History to 1485</td>
</tr>
<tr>
<td>HIST 3320</td>
<td>History of Britain since 1714</td>
</tr>
<tr>
<td>HIST 3340</td>
<td>The British Empire</td>
</tr>
<tr>
<td>HIST 3440</td>
<td>Europe in the Middle Ages</td>
</tr>
<tr>
<td>HIST 3460</td>
<td>Renaissance and Reformation</td>
</tr>
<tr>
<td>HIST 3480</td>
<td>Europe in the 19th Century</td>
</tr>
<tr>
<td>HIST 3490</td>
<td>Europe in the 20th Century</td>
</tr>
<tr>
<td>Select one from the following:</td>
<td></td>
</tr>
<tr>
<td>HIST 3050</td>
<td>The Ancient Mediterranean</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 3200</td>
<td>Traditional China</td>
<td></td>
</tr>
<tr>
<td>HIST 3210</td>
<td>Modern China</td>
<td></td>
</tr>
<tr>
<td>HIST 3495</td>
<td>World War I Era</td>
<td></td>
</tr>
<tr>
<td>HIST 3500</td>
<td>World War II Era</td>
<td></td>
</tr>
<tr>
<td>HIST 3520</td>
<td>France: 1660-1815</td>
<td></td>
</tr>
<tr>
<td>HIST 3540</td>
<td>Modern Russia</td>
<td></td>
</tr>
<tr>
<td>HIST 3550</td>
<td>Modern Germany</td>
<td></td>
</tr>
<tr>
<td>HIST 3560</td>
<td>The Holocaust</td>
<td></td>
</tr>
</tbody>
</table>

**Education Courses**

Prior to enrollment in EDUC 2110, EDUC 2120, and EDUC 2130, students must have taken PSYC 1101, COMM 1110, and Area A courses with grades of C or better. Approved background check, proof of professional liability insurance, completion of the mandated reporter training course, and a passing score on an ethics assessment are also required. EDUC 2110, EDUC 2120, and EDUC 2130 must be completed with grades of C or better prior to acceptance into PES I.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2110</td>
<td>Investig Critical/Contem Issue (Includes 10 hrs of practicum )</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Expl Socio-Cultural Perspect (Includes 10 hrs of practicum)</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning/Teaching (Includes 10 hrs of practicum)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Education Semester 1 (PES I) - Fall Semester**

Prior to enrollment in PES I courses, students must be accepted into the Teacher Education Program and have completed HIST 3000 and 3 credit hours of 3000-level history courses with grades of C or better.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 3902</td>
<td>Curric/Asses Secondary Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 3272</td>
<td>Class Mgmt Sec Ed Field Exp I</td>
<td>2</td>
</tr>
</tbody>
</table>

**Professional Education Semester 2 (PES II) - Spring Semester**

Prior to enrollment in PES II courses, students must have completed EDUC 3902 and EDUC 3272 with grades of C or better and must have completed 12 credit hours (3000-level) of history courses with grades of C or better.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 4901</td>
<td>Methods/Strat Teach Sec Stu</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 3273</td>
<td>Class Mgmt Sec Ed Field Exp II</td>
<td>2</td>
</tr>
</tbody>
</table>

**Professional Education Semester 3 (PES III) - Fall Semester**

Prior to enrollment in PES III, students must have completed EDUC 3273 and EDUC 4901 with a C or better and must have completed 21 credit hours (3000-level) of history courses with grades of C or better.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 3120</td>
<td>Teaching Diverse Learners(Sec)</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 3274</td>
<td>Class Mgmt Sec Ed Field Exp III</td>
<td>2</td>
</tr>
</tbody>
</table>

**Professional Education Semester 4 (PES IV) - Spring Semester**

Prior to enrollment in PES IV, students must have completed EDUC 3120, EDUC 3274, and 30 credit hours of 3000-level history courses with grades of C or better.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 3456</td>
<td>Reading across Curric Sec Educ</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 4956</td>
<td>Internship Sec School History</td>
<td>8</td>
</tr>
<tr>
<td>EDUC 4953</td>
<td>Teaching Internship Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>
**Physical Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED Activity Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

* C or better required for HIST 1111, 1112, 2111, and 2112.
** COMM 1110 and PSYC 1101 are prerequisites for EDUC 2110, EDUC 2120, and EDUC 2130. Grades of C or better required.

## Interdisciplinary Studies

### Bachelor of Arts

The Bachelor of Arts in interdisciplinary studies lends students with a range of academic interests the curricular flexibility to satisfy their learning goals, whether those goals entail adapting to ever-changing requirements of the work world or further study at the graduate level or in professional programs. The program will benefit nontraditional students who are already in the workplace but need a baccalaureate degree to advance in their careers to gain tangible benefits, such as job promotions, and will allow these students to maximize previously earned credits.

Prior to the beginning of the junior year or upon declaration of the major, interdisciplinary studies majors are required to submit a well-reasoned plan of study to their faculty advisor. As a part of this plan, students will choose an overarching theme (e.g., cross-cultural leadership, gender studies, communication and crime, communication and professional writing), propose the course work that supports the theme, and articulate their intellectual interest or career objective that guides and justifies the selected course of study. The plan will also include the student’s immediate and long-term professional goals as well as the student’s academic goals. Once the plan of study is approved by the student’s faculty advisor, a copy will be submitted to the chair of the Department of Communication. As a part of their senior seminar, students will assess the extent to which their individual program and the skills and knowledge gained from the selected courses helped them achieve their personal and professional goals and will offer suggestions to strengthen the program for future majors.

### Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1001</td>
<td></td>
</tr>
<tr>
<td>or MATH 1101</td>
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</tr>
</tbody>
</table>

### Area B: Institutional Options

<table>
<thead>
<tr>
<th>Course</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>3</td>
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</tbody>
</table>

Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1120</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1105</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 1000</td>
<td>1</td>
</tr>
<tr>
<td>HIST 1050</td>
<td>1</td>
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<td>HIST 1051</td>
<td>1</td>
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<tr>
<td>HLTH 1030</td>
<td>1</td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>1</td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>1</td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>1</td>
</tr>
</tbody>
</table>

### Area C: Humanities/Fine Arts

Choose one to two ENGL course(s):

- ENGL 2000: Topics in Literature & Culture
- ENGL 2111: World Literature I
- ENGL 2112: World Literature II
- ENGL 2120: British Literature I
- ENGL 2121: British Literature II
- ENGL 2130: American Literature I
- ENGL 2131: American Literature II
- ENGL 2201: Intro to Film as Literature

If only one ENGL course is chosen, add one of the following:

- ARTS 1100: Art Appreciation
- HUMN 1201: Expressions of Culture I
- HUMN 1202: Expressions of Culture II
- MUSC 1100: Music Appreciation
- MUSC 1110: World Music
- MUSC 1120: American Music
- THEA 1100: Theatre Appreciation

### Area D: Science/Mathematics/Technology

Eight Credit Hours of Lab Science Electives:

- ASTR 1010 & 1010L: Astronomy of the Solar System and Astronomy of Solar Sys. Lab
- ASTR 1020 & 1020L: Stellar & Galactic Astronomy and Stellar & Galac. Astronomy Lab
- BIOL 1105K: Environmental Studies
- BIOL 1107K: Principles of Biology I
- BIOL 1108K: Principles of Biology II
- BIOL 1203K: Principles of Botany
- BIOL 1224K: Entomology
- CHEM 1115K: Survey of Chemistry
- CHEM 121K: Principles of Chemistry I
- CHEM 1212K: Principles of Chemistry II
- GEOL 1121K: Principles of Geology
- GEOL 1122K: Historical Geology
- GEOL 1131K: Geology & the Environment
- PHYS 1111K: Introductory Physics I
- PHYS 1112K: Introductory Physics II
- PHYS 2211K: Principles of Physics I
- PHYS 2212K: Principles of Physics II

One of the following electives:

- ASTR 1010: Astronomy of the Solar System
- ASTR 1020: Stellar & Galactic Astronomy
- BIOL 1105K: Environmental Studies
- BIOL 1107K: Principles of Biology I
- BIOL 1108K: Principles of Biology II
- BIOL 1203K: Principles of Botany
- BIOL 1224K: Entomology
- CHEM 1115K: Survey of Chemistry
- CHEM 1211K: Principles of Chemistry I
- CHEM 1212K: Principles of Chemistry II
CMPS 1301  Principles of Programming I
CMPS 1302  Principles of Programming II
GEOL 1121K Principles of Geology
GEOL 1122K Historical Geology
GEOL 1131K Geology & the Environment
MATH 1113 Precalculus Mathematics
MATH 1401 Elementary Statistics
MATH 2181 Applied Calculus
MATH 2253 Calculus and Analytic Geom I
PHYS 1111K Introductory Physics I
PHYS 1112K Introductory Physics II
PHYS 2211K Principles of Physics I
PHYS 2212K Principles of Physics II

**Area E: Social Sciences**

HIST 2111 United States History to 1877 3
or HIST 2112 United States Hist since 1877
POLS 1101 American Government 3

Choose two of the following electives: 6

ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1101 Intro to Human Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
PHIL 1103 Intro to World Religions
PHIL 2010 Intro to Philosophical Issues
PHIL 2020 Logic and Critical Thinking
POLS 2101 Intro to Political Science
POLS 2201 State and Local Government
POLS 2301 Comparative Politics
POLS 2401 International Relations
PSYC 1101 Introduction to Psychology
PSYC 2101 Psychology of Adjustment
PSYC 2103 Human Development
SOCI 1101 Introduction to Sociology
SOCI 1160 Social Problems

**Area F: Major Related**

18 credit hours chosen from Areas B-F. Courses previously used to satisfy other Area B-F requirements cannot be shared here. Please note that courses from Area B are one-credit hour. 18

**ESSENTIAL AREAS**

ENGL 3000 Writing for Educ/Soc Sciences 3

12 additional hours, with at least 3 hours above the 2000-level 12

* Humanities: 0-3 hours of courses in literature, composition, music, theatre, and/or film
* Social Sciences: 3-6 hours in anthropology, criminal justice, philosophy, political science, psychology, and/or sociology

* Communication: 3-6 hours in communication and/or foreign language
* History: 3-6 hours of courses in history and/or geography

**REQUIRED MINOR**

Grades of C or better required. Students may choose any Dalton State minor that can be completed in 15-18 credit hours. Students may need to use a free elective to satisfy prerequisites.

**UPPER-LEVEL LIBERAL ARTS ELECTIVES**

Courses may be selected from any of those offered by the Department of Communication, Performing Arts, and Foreign Languages; the Department of English; or the Department of Social Sciences and History. Courses should be selected to complement the student’s academic, personal, or professional goals or to focus on a multidisciplinary theme (e.g., global studies, women’s studies, comparative studies).

**FREE ELECTIVES**

Courses may be selected from any of the College’s offerings (with the 3-6 exception of career technical courses) to complement the student’s program or to satisfy a prerequisite.

**SENIOR CAPSTONE**

INTS 4999 Interdisciplinary Studies Sem ** 3

**Physical Education**

PHED Activity Elective 1

Total Hours 121-122

* Area B courses are 1 credit hour.

MUSC 1080 and MUSC 1090 are 1 credit hour each and must be taken in any combination for a total of 3 credit hours to count in Area F. A maximum of 3 credit hours may be used for this major.

MUSC 2600C, MUSC 2600F, MUSC 2600G, MUSC 2600H, MUSC 2600O, MUSC 2600P, and MUSC 2600W are 1-2 credit hours each and must be taken in any combination for a total of 3 credit hours to count in Area F. An additional 3 hours may be taken for a maximum 6 hours for this major.

** ENGL 3000 with a C or better and a 2.0 GPA are prerequisites for INTS 4999.

**Mathematics**

**Bachelor of Science**

The B.S. Mathematics program of study is intended for students who are deeply interested in mathematics and wishing to pursue a career in a mathematical field or in graduate study. The program emphasizes problem solving and analysis, critical thinking, and logical argument. Students in this program will take courses in proof writing, geometry, abstract algebra, real analysis, and probability and statistics as well as other elective math courses. This program provides students with the skills to work in a multitude of fields.

**Area A: Essential Skills**

ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
MATH 1113 Precalculus Mathematics 3

**Area B: Institutional Options**

COMM 1110 Fundamentals of Speech 3
One of the following electives: 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
</tr>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
</tr>
<tr>
<td>GEO 1000</td>
<td>Natural Hazards</td>
</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
</tr>
<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
</tr>
<tr>
<td>PRSP Elective (See advisor)</td>
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</tbody>
</table>

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s): 3-6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
</tr>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
</tr>
</tbody>
</table>

If only one ENGL course chosen, add one of the following: 0-3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>MUSC 1110</td>
<td>World Music</td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>American Music</td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
</tr>
</tbody>
</table>

**Area D: Science/Mathematics/Technology**

One of the following Laboratory Science Sequences: 8

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1107K &amp; BIOL 1108K</td>
<td>Principles of Biology I and Principles of Biology II</td>
</tr>
<tr>
<td>CHEM 1211K &amp; CHEM 1212K</td>
<td>Principles of Chemistry I and Principles of Chemistry II</td>
</tr>
<tr>
<td>PHYS 1111K &amp; PHYS 1112K</td>
<td>Introductory Physics I and Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K &amp; PHYS 2212K</td>
<td>Principles of Physics I and Principles of Physics II</td>
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</table>

**Area E: Social Sciences**

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>HIST 2111</td>
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</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
</tr>
</tbody>
</table>

Two of the following electives: 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
</tr>
<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World Civilization since 1500</td>
</tr>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
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<tr>
<td>HIST 2112</td>
<td>United States Hist since 1877</td>
</tr>
<tr>
<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
</tr>
<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
</tr>
<tr>
<td>PHIL 1103</td>
<td>Intro to World Religions</td>
</tr>
<tr>
<td>POLS 2101</td>
<td>Intro to Political Science</td>
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<td>POLS 2201</td>
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</tr>
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<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
</tr>
<tr>
<td>PSYC 2103</td>
<td>Human Development</td>
</tr>
<tr>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOCI 1160</td>
<td>Social Problems</td>
</tr>
</tbody>
</table>

**Area F: Major Related**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CMPS 1301</td>
<td>Principles of Programming I</td>
</tr>
<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
</tr>
<tr>
<td>MATH 2255</td>
<td>Calculus and Analytic Geom III</td>
</tr>
<tr>
<td>MATH 2256</td>
<td>Introduction to Linear Algebra</td>
</tr>
<tr>
<td>MATH 2403</td>
<td>Differential Equations</td>
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</table>

**Required Math**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MATH 3101</td>
<td>Intro to Advanced Mathematics</td>
</tr>
<tr>
<td>MATH 3201</td>
<td>Geometry</td>
</tr>
<tr>
<td>MATH 4101</td>
<td>Abstract Algebra I</td>
</tr>
<tr>
<td>MATH 4102</td>
<td>Abstract Algebra II</td>
</tr>
<tr>
<td>MATH 4601</td>
<td>Real Analysis I</td>
</tr>
<tr>
<td>MATH 4602</td>
<td>Real Analysis II</td>
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<tr>
<td>MATH 4701</td>
<td>Probability and Statistics I</td>
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</tbody>
</table>

**Upper Level Math Electives** 21

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MATH 3301</td>
<td>Combinatorics</td>
</tr>
<tr>
<td>MATH 3401</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MATH 4001</td>
<td>History of Mathematics</td>
</tr>
<tr>
<td>MATH 4201</td>
<td>Number Theory</td>
</tr>
<tr>
<td>MATH 4301</td>
<td>Graph Theory</td>
</tr>
<tr>
<td>MATH 4401</td>
<td>Operations Research</td>
</tr>
<tr>
<td>MATH 4511</td>
<td>Numerical Analysis I</td>
</tr>
<tr>
<td>MATH 4512</td>
<td>Numerical Analysis II</td>
</tr>
<tr>
<td>MATH 4611</td>
<td>Complex Analysis</td>
</tr>
<tr>
<td>MATH 4702</td>
<td>Probability and Statistics II</td>
</tr>
<tr>
<td>MATH 4800</td>
<td>Topology</td>
</tr>
<tr>
<td>MATH 4900</td>
<td>Special Topics in Mathematics ***</td>
</tr>
<tr>
<td>MATH 4960</td>
<td>Research in Mathematics ***</td>
</tr>
</tbody>
</table>

**STM Electives** 16

Any 3000-4000 level MATH not used elsewhere except MATH 3703, MATH 3803, MATH 4713.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I **</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II **</td>
</tr>
<tr>
<td>CHEM 3211K</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHEM 3212K</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHEM 3411K</td>
<td>Physical Chemistry I</td>
</tr>
</tbody>
</table>
MATH 1001. Quantitative Skills/Reasoning. 3-0-3 Units.
This course provides an introduction to statistics. Course content includes
statistical techniques for solving problems involving linear, quadratic, piece-wise defined, polynomial, exponential and
logarithmic functions as needed for calculus. Emphasis is on using
algebraic and graphical techniques for solving problems involving linear,
quadratic, piece-wise defined, rational, polynomial, exponential and
logarithmic functions. (F,S) MATH 1111 College Algebra.

MATH 1001. Quantitative Skills/Reasoning. 3-0-3 Units.
This course is an alternative in Area A of the Core Curriculum and is not
intended to supply sufficient algebraic background for students who
intend to take precalculus or the calculus sequence for mathematics
and science majors. This course places quantitative skills and reasoning
in the context of experiences that students will be likely to encounter.
It emphasizes processing information in context from a variety of
representations, understanding of both the information and the
processing, and understanding which conclusions can be reasonably
determined. (F,S) Corequisites: MATH 1001 Introduction to Mathematical Modeling.

MATH 0998. Support for Math Modeling. 2-0-2 Units.
This Learning Support course provides corequisite support in
mathematics for students enrolled in MATH 1101 – Introduction to
Mathematical Modeling. Topics will parallel topics being studied in
MATH 1101 and the course will provide support for essential quantitative
skills needed to be successful in MATH 1101. Taken with MATH 1101,
this course is an introduction to mathematical modeling using graphical,
numerical, symbolic, and verbal techniques to describe and explore
real-world data and phenomena. Emphasis is on the use of elementary
functions to investigate and analyze applied problems and questions,
supported by the use of appropriate technology, and on effective
communication of quantitative concepts and results. (F,S,M)

MATH 0999. Support for College Algebra. 2-0-2 Units.
This Learning Support course provides corequisite support in
mathematics for students enrolled in MATH 1111 – College Algebra.
Topics will parallel topics being studied in MATH 1111 and the course
will provide support for the essential quantitative skills needed to
be successful in MATH 1111. Taken with MATH 1111, this course
provides an in-depth study of the properties of algebraic, exponential and
logarithmic functions as needed for calculus. Emphasis is on using
algebraic and graphical techniques for solving problems involving linear,
quadratic, piece-wise defined, rational, polynomial, exponential and
logarithmic functions. (F,S,M) MATH 1111 College Algebra.

Mathematics Minor
A minor in Mathematics must include 15 credit hours of mathematics
course work, with at least 9 hours at the 3000-level or above. Please see /
minors/mathematics/ (p. 96)

Courses
MATH 0996. Support for Elem Statistics. 2-0-2 Units.
This Learning Support course provides corequisite support in
mathematics for students enrolled in MATH 1401 – Elementary
Statistics. Topics will parallel topics being studied in MATH 1401 and
the course will provide support for the essential quantitative skills
needed to be successful in MATH 1401. Taken with MATH 1401, this
course provides an introduction to statistics. Course content includes
descriptive statistics, probability theory, confidence intervals, hypothesis
testing, and other selected statistical topics. Emphasis is on the
mathematical foundations for statistics.

MATH 0997. Support Quantitative Skill/Rea. 2-0-2 Units.
This Learning Support course provides corequisite support in
mathematics for students enrolled in MATH 1001 – Quantitative
Reasoning. Topics will parallel topics being studied in MATH 1001 and
the course will provide support for the essential quantitative skills needed
to be successful in MATH 1001. Taken with MATH 1001, topics to be
covered will include logic, basic probability, data analysis and modeling
from data. (F,S) Corequisites: MATH 1001 Quantitative Reasoning.
MATH 1111. College Algebra. 3-0-3 Units.
Prerequisites: MATH 0998 and MATH 1101 if not eligible for MATH 0999. Corequisites: MATH 0999 unless exempt from learning support.

MATH 1113. Precalculus Mathematics. 3-0-3 Units.
Prerequisites: MATH 1111. Algebra topics include linear, quadratic equations, functions and graphing, exponential and logarithmic functions. Trigonometry topics include trigonometric functions and inverse, law of sines, law of cosines and identities. For students planning to take calculus and/or physics. (F,S,M)

MATH 1401. Elementary Statistics. 3-0-3 Units.
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Prerequisites: MATH 1001, MATH 1101, or MATH 1111.

MATH 1501. Calculus I. 4-0-4 Units.
This course includes material on functions, limits, continuity, the derivative, anti-differentiation, the definite integral, and techniques of integration. Prerequisites: MATH 1111.

MATH 2008. Found of Numbers & Operations. 3-0-3 Units.
This course will emphasize the understanding and use of the major concepts of number and operations. Topics include problem-solving strategies; inductive and deductive reasoning; number systems and place value; operations and algorithms; identity elements and inverse operations; rational and irrational numbers; integers and number theory; special sets of numbers; exponents and decimals; ratios, percent’s, and proportional reasoning. (F,S)

MATH 2181. Applied Calculus. 3-0-3 Units.
Surveys differential and integral calculus of polynomial, rational, exponential and logarithmic functions. Detailed applications to problems and concepts from business, economics and life science are covered. (F,S,M)

MATH 2253. Calculus and Analytic Geom I. 4-0-4 Units.
Includes topics limits and continuity, derivatives and their applications and an introduction to the concept of the integral. The first in a four course sequence in Calculus. Prerequisite: MATH 1113 or satisfactory mathematics scores of SAT 600/ACT 26 and one year of high school trigonometry. (F,S,M)

MATH 2254. Calculus and Analytic Geom II. 4-0-4 Units.
Emphasizes the definite integral and its applications, the calculus of trigonometric, exponential, logarithmic, hyperbolic and inverse functions, techniques of integration, improper integrals, L’Hopita’s Rule, infinite series and conic sections. The second course in the Calculus sequence. (F,S,M)

MATH 2255. Calculus and Analytic Geom III. 4-0-4 Units.
Emphasizes calculus in three dimensions. Topics include vectors, parametric equations, partial derivatives, multiple integrals and their applications and topics in vector calculus. The third course in the Calculus sequence. (F,S,M)

MATH 2256. Introduction to Linear Algebra. 3-0-3 Units.
Introduces low-dimensional linear algebra through eigenvalues and eigenvectors. Applications to linear systems, least-square problems, and the calculus, including elementary differential equations. (F,S,M)

MATH 2770. Statistics and Applications. 3-0-3 Units.
Introduces the student to topics in probability, probability distributions, point estimation, confidence intervals hypothesis testing, linear regression and analysis of variance. (F,S,M)

MATH 2800. Biological Statistics. 3-0-3 Units.
Advanced concepts in statistics are introduced. Topics include experimental design, hypothesis testing, t-test, z-test, chi-squared test, regression, ANOVA, and non-parametric methods. (F) Pre-requisite: MATH 2200 or 1401.

MATH 3050. Biological Statistics. 3-0-3 Units.
Introduction to topics in probability, probability distributions, point estimation, confidence intervals hypothesis testing, linear regression and analysis of variance. (F,S,M)

MATH 3101. Intro to Advanced Mathematics. 3-0-3 Units.
Preparation in mathematical reasoning and proof-writing necessary for upper division course work in mathematics. Topics include logic, integers and induction, sets and relations, equivalence relations and partitions, and functions. (S)

MATH 3201. Geometry. 3-0-3 Units.
Introduction to Euclidean and non-Euclidean geometries developed with the study of constructions, transformations, applications, and the rigorous proving of theorems. (F)

MATH 3301. Combinatorics. 3-0-3 Units.
Basic counting principles: permutations, combinations, probability, occupancy problems, and binomial coefficients. More sophisticated methods include generating functions, recurrence relations, inclusion/exclusion principles, and the pigeonhole principle. Additional topics include asymptotic enumeration, Polya counting theory, combinatorial designs, coding theory, and combinatorial optimization. (Spring Odd Years)

MATH 3401. Linear Algebra. 3-0-3 Units.
Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality. (Spring Even Years)
MATH 3703. Geometry for P-8 Teachers. 3-0-3 Units.
Continues MATH 2008, with emphasis for teachers of grades P-8. Logic; real numbers; basic and transformational geometry; measurement, including the metric system; problem solving; methods and materials for teaching mathematics at the P-8 level. Prerequisites: MATH 2008.

MATH 3803. Algebra for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on understanding of the fundamental concepts of algebra with particular attention to specific methods and materials of instruction. Prerequisites: MATH 2008.

MATH 3900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. Course may be repeated for credit when topic differs. Pre-requisite: MATH 2253 Calculus and Analytic Geometry I and Permission of Instructor. Offered As Needed.

MATH 4001. History of Mathematics. 3-0-3 Units.
Examines major developments, central themes, and important issues in mathematics throughout history. Undertakes an overview of the historical development of the discipline by focusing on specific theories, problems, and results. Prerequisites: MATH 2254.

MATH 4101. Abstract Algebra I. 3-0-3 Units.
An axiomatic approach to algebraic structures. Topics include groups, permutations, homomorphisms, and factor groups. Prerequisites: MATH 3101.

MATH 4102. Abstract Algebra II. 3-0-3 Units.
Examines the central concepts of ring theory and field theory. Topics include modules, Galois theory, integral domains, and advanced linear algebra. Strongly recommended for students intending to complete a graduate degree in mathematics. Prerequisites: MATH 4101.

MATH 4201. Number Theory. 3-0-3 Units.
A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, and continued fractions. Prerequisites: MATH 3101.

MATH 4301. Graph Theory. 3-0-3 Units.
Elementary theory of graphs and digraphs. Topics include connectivity, reconstructions, trees, Euler's problem, hamiltonicity, network flows, planarity, node and edge colorings, tournaments, matchings, and extremal graphs. A number of algorithms and applications are included. Prerequisites: MATH 3101.

MATH 4401. Operations Research. 3-0-3 Units.
Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming. Prerequisites: MATH 2256.

MATH 4501. Numerical Analysis I. 3-0-3 Units.
Numerical solution of equations, polynomial approximation, numerical differentiation and integration, numerical solutions of ordinary differential equations, error analysis. Written programs using algorithms. Prerequisites: CMPS 1301 or CMPS 1371.

MATH 4511. Numerical Analysis II. 3-0-3 Units.
Numerical solutions of systems of linear equations, numerical computations of eigenvalues and eigenvectors, error analysis. Written programs using the algorithms. Prerequisites: MATH 2256 and CMPS 1301 or CMPS 1371.

MATH 4601. Real Analysis I. 3-2-4 Units.
Develops a rigorous approach to functions of a real variable. Topics include limits, continuous functions, differentiation, and Riemann integration. Prerequisites: MATH 2255 and MATH 3101.

MATH 4602. Real Analysis II. 3-0-3 Units.
Continuous and rigorous approach to functions with an emphasis on functions in higher dimensions, including derivatives and integrals in n-dimensional Euclidean space. Prerequisites: MATH 4601.

MATH 4611. Complex Analysis. 3-0-3 Units.
Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping. Prerequisites: MATH 2255.

MATH 4701. Probability and Statistics I. 3-0-3 Units.
Sampling distributions, Normal, t, chi-square and F distributions. Moment generating function methods, Bayesian estimation and introduction to hypothesis testing. Prerequisites: MATH 2255.

MATH 4702. Probability and Statistics II. 3-0-3 Units.
Hypothesis testing, likelihood ratio tests, nonparametric tests, bivariate and multivariate normal distributions. Prerequisites: MATH 4701.

MATH 4713. Prob & Stat for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on the fundamental concepts of probability and statistics with particular attention to specific methods and materials of instruction. Prerequisites: MATH 2770 or MATH 4701 with a grade of C or better on either math course.

MATH 4714. Probability and Statistics. 3-0-3 Units.
Introduces application techniques used in quality/process control with particular application to area industries. Topics include probability, sampling distributions, control charts for variables and attributes, lot-by-lot sampling plans, acceptance sampling for variables, elementary reliability calculations, and an introduction to the concept of quality costs. Prerequisites: MATH 2181 or MATH2253 and MATH 1401 or MATH 2200 or MATH 4701 or BUSA 2850.
MATH 4900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. The course may be repeated for credit when topic differs. Pre-requisite: MATH 3101 Intro to Advanced Mathematics and 2 additional upper level Mathematics courses excluding MATH 3703, 3803, and 4713. Approval of the Instructor is required before registration. (As Available)

MATH 4960. Research in Mathematics. 0-0-1-3 Unit.
Students will select a research topic, complete a written research proposal, and in association with a faculty mentor, execute the research plan. This course affords interested junior and senior students an opportunity to participate in a basic research experience with a member of the department faculty. The student will prepare both written and oral presentations of the work, and where appropriate, will be encouraged to make presentations at professional meetings or submit work to a journal for publication. (Dept. Chair Approval)(F,S,M as available)
Prerequisites: Permission of the faculty mentor.

Mathematics, Secondary Certification Option

Bachelor of Science

The B.S. Mathematics with Secondary Certification program emphasizes a blend of mathematical studies and practical experiences in schools. The curriculum includes integrated components emphasizing in-depth math content knowledge, learning theory, and methodology practices in math. Prospective mathematics teachers develop sufficient content knowledge as well as the fundamental teaching skills necessary to teach all middle school and high school level courses in the mathematical sciences. Students in this program will take math courses in proof writing, geometry, abstract algebra, real analysis, and probability and statistics as well as education courses in teaching diverse learners, classroom management, curriculum and assessment, and teaching methods and strategies.

Area A: Essential Skills
Grades of C or better required.
ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
MATH 1113 Precalculus Mathematics 3

Area B: Institutional Options
COMM 1110 Fundamentals of Speech ** 3
One of the following electives:
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOG 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See advisor)

Area C: Humanities/Fine Arts

Choose one or two ENGL course(s): 3-6
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature
If only one ENGL course chosen add one of the following: 0-3
ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Science/Mathematics/Technology
One of the following Laboratory Science Sequences: 8
BIOL 1107K Principles of Biology I
& BIOL 1108K and Principles of Biology II
CHEM 1211K Principles of Chemistry I
& CHEM 1212K and Principles of Chemistry II
PHYS 1111K Introductory Physics I
& PHYS 1112K and Introductory Physics II
PHYS 2111K Principles of Physics I
& PHYS 2212K and Principles of Physics II
MATH 2253 Calculus and Analytic Geom I * 4

Area E: Social Sciences
HIST 2111 United States History to 1877 3
or HIST 2112 United States Hist since 1877
POLS 1101 American Government 3
Two of the following electives: 6
ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1110 Intro to Human Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE 3
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
PHIL 1103 Intro to World Religions
PHIL 2100 Intro to Philosophical Issues
PHIL 2101 Logic and Critical Thinking
POLI 2101 Intro to Political Science
POLI 2201 State and Local Government
POLI 2301 Comparative Politics
POLI 2401 International Relations
PSYC 1101 Introduction to Psychology **
PSYC 2101 Psychology of Adjustment
PSYC 2103 Human Development
Prior to enrollment in PES III, students must have completed EDUC 3273 and EDUC 4901 with grades of C or better.

EDUC 3274 Class Mgmt Sec Ed Field Exp III 2

Professional Education Semester 4 (Block IV) - Spring Semester

Prior to enrollment in PES IV, students must have completed EDUC 3120, EDUC 3274, and all upper division courses in the major with grades of C or better.

READ 3456 Reading across Curric Sec Educ 3
EDUC 4951 Internship in Sec School Math 8
EDUC 4953 Teaching Internship Seminar 1

Physical Education

PHED Activity Elective 1

Total Hours 126

* MATH 2253 may be taken in Area A if the student meets the prerequisites, with MATH 2254 then taken in Area D. The additional hour of credit will be applied to the upper level curriculum.

** COMM 1110 and PSYC 1101 are prerequisites for EDUC 2110, EDUC 2120, and EDUC 2130. Grade of C or better required.

Courses

MATH 0996. Support for Elem Statistics. 2.0-2.0 Units.
This Learning Support course provides co-requisite support in mathematics for students enrolled in MATH 1401 – Elementary Statistics. Topics will parallel topics being studied in MATH 1401 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1401. Taken with MATH 1401, this course provides an introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing; and other selected statistical topics. Emphasis is on the mathematical foundations for statistics.

MATH 0997. Support Quantitative Skill/Rea. 2.0-2.0 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1001 – Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data. (FS)

Corequisites: MATH 1001 Quantitative Reasoning.

MATH 0998. Support for Math Modeling. 2.0-2.0 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1101 – Introduction to Mathematical Modeling. Topics will parallel topics being studied in MATH 1101 and the course will provide support for essential quantitative skills needed to be successful in MATH 1101. Taken with MATH 1101, this course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (FS, M)

Corequisites: MATH 1101 Introduction to Mathematical Modeling.
MATH 0999. Support for College Algebra. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. (F,S,M) MATH 1111 College Algebra.

MATH 1001. Quantitative Skills/Reasoning. 3-0-3 Units.
This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequence for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. (F,S)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

MATH 1101. Intro to Mathematical Modeling. 3-0-3 Units.
This course is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequence for mathematics and science majors. This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of linear, polynomial, exponential, and logarithmic functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

MATH 1104. Applied Mathematics. 3-0-3 Units.
Topics include arithmetic, elementary algebra, geometry, measurement, and elementary trigonometry. (Career Course) (F,S,M)
Prerequisites: MATH 0999 unless exempt for learning support mathematics.

MATH 1111. College Algebra. 3-0-3 Units.
Presents topics in algebra, including the number system, polynomials, algebraic functions, exponents, radicals, linear and quadratic equations, inequalities, lines in the plane, linear modeling, conics, algebra of functions, exponential and logarithmic functions and systems of equations and inequalities. (F,S,M)
Prerequisites: MATH 0998 and MATH 1101 if not eligible for MATH 0999. Corequisites: MATH 0999 unless exempt from learning support.

MATH 1113. Precalculus Mathematics. 3-0-3 Units.
Provides immediate transition from high school algebra into calculus and physics. Material goes beyond that normally covered in Mathematics 1111. Algebra topics include linear, quadratic equations, functions and graphing, exponential and logarithmic functions. Trigonometry topics include trigonometric functions and inverse, law of sines, law of cosines and identities. For students planning to take calculus and/or physics. (F,S,M)
Prerequisites: MATH 1111.

MATH 1401. Elementary Statistics. 3-0-3 Units.
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Prerequisites: MATH 1001, MATH 1101, or MATH 1111.

MATH 1501. Calculus I. 4-0-4 Units.
This course includes material on functions, limits, continuity, the derivative, anti-differentiation, the definite integral, and techniques of integration. Prerequisites: MATH 1113.

MATH 2008. Found of Numbers & Operations. 3-0-3 Units.
This course will emphasize the understanding and use of the major concepts of number and operations. Topics include problem-solving strategies; inductive and deductive reasoning; numeration systems and place value; operations and algorithms; identity elements and inverse operations; rational and irrational numbers; integers and number theory; special sets of numbers; exponents and decimals; ratios, percent’s, and proportional reasoning. (F,S)
Prerequisites: MATH 1101, MATH 1111, or MATH 1113.

MATH 2181. Applied Calculus. 3-0-3 Units.
Surveys differential and integral calculus of polynomial, rational, exponential and logarithmic functions. Detailed applications to problems and concepts from business, economics and life science are covered. (F,S,M)
Prerequisites: MATH 1111, MATH 1101, or MATH 1113 with a grade of C or better.

MATH 2253. Calculus and Analytic Geom I. 4-0-4 Units.
Includes topics limits and continuity, derivatives and their applications and an introduction to the concept of the integral. The first in a four course sequence in Calculus. Prerequisite: MATH 1113 or satisfactory mathematics scores of SAT 600/ACT 26 and one year of high school trigonometry. (F,S,M)
Prerequisites: MATH 1113.

MATH 2254. Calculus and Analytic Geom II. 4-0-4 Units.
Emphasizes the definite integral and its applications, the calculus of trigonometric, exponential, logarithmic, hyperbolic and inverse functions, techniques of integration, improper integrals, L’Hopital’s Rule, infinite series and conic sections. The second course in the Calculus sequence. (F,S,M)
Prerequisites: MATH 2253.

MATH 2255. Calculus and Analytic Geom III. 4-0-4 Units.
Emphasizes calculus in three dimensions. Topics include vectors, parametric equations, partial derivatives, multiple integrals and their applications and topics in vector calculus. The third course in the Calculus sequence. (F,S,M)
Prerequisites: MATH 2254.

MATH 2256. Introduction to Linear Algebra. 3-0-3 Units.
Introduces low-dimensional linear algebra through eigenvalues and eigenvectors. Applications to linear systems, least-square problems, and the calculus, including elementary differential equations. (F,S,M)
Prerequisites: MATH 2253.
Corequisites: MATH 2254.

MATH 2403. Differential Equations. 3-2-4 Units.
A study of differential equations, including first and higher order equations, linear and nonlinear systems of equations, numerical methods to approximate solutions, using Laplace transforms to determine solutions, and methods that yield infinite series solutions. (F,S,M)
Prerequisites: MATH 2254 and Co-requisite: MATH 2256.
MATH 2602. Linear & Discrete Mathematics. 3-2-4 Units.
Explores topics in linear algebra, induction, combinatorics, difference equations, and multivariate optimization with an emphasis on discrete and recursive methods. (FS)
Prerequisites: MATH 2255.

MATH 2770. Statistics and Applications. 3-0-3 Units.
Introduces the student to topics in probability, probability distributions, point estimation, confidence intervals, hypothesis testing, linear regression, and analysis of variance. (FS) Prerequisite: MATH 2255.

MATH 3050. Biological Statistics. 3-0-3 Units.
Advanced concepts in statistics are introduced. Topics include experimental design, hypothesis testing, t-test, z-test, chi-squared test, regression, ANOVA, and non-parametric methods. (F) Pre-requisite: MATH 2200 or 1401.

MATH 3101. Intro to Advanced Mathematics. 3-0-3 Units.
Preparation in mathematical reasoning and proof-writing necessary for upper division course work in mathematics. Topics include logic, integers and induction, sets and relations, equivalence relations and partitions, and functions. (S)
Prerequisites: MATH 2254.

MATH 3201. Geometry. 3-0-3 Units.
An introduction to Euclidean and non-Euclidean geometries developed with the study of constructions, transformations, applications, and the rigorous proving of theorems. (F)
Prerequisites: MATH 3101.

MATH 3301. Combinatorics. 3-0-3 Units.
Basic counting principles: permutations, combinations, probability, occupancy problems, and binomial coefficients. More sophisticated methods include generating functions, recurrence relations, inclusion/exclusion principles, and the pigeonhole principle. Additional topics include asymptotic enumeration, Polya counting theory, combinatorial designs, coding theory, and combinatorial optimization. (Spring Odd Years)
Prerequisites: MATH 2254.

MATH 3401. Linear Algebra. 3-0-3 Units.
Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality. (Spring Even Years)
Prerequisites: MATH 2256.

MATH 3703. Geometry for P-8 Teachers. 3-0-3 Units.
Continues MATH 2008, with emphasis for teachers of grades P-8. Logic; real numbers; basic and transformational geometry; measurement, including the metric system; problem solving; methods and materials for teaching mathematics at the P-8 level. (SM)
Prerequisites: MATH 2008.

MATH 3803. Algebra for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on understanding of the fundamental concepts of algebra with particular attention to specific methods and materials of instruction. (FS)
Prerequisites: MATH 2008.

MATH 3900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. Course may be repeated for credit when topic differs. Pre-requisite: MATH 2253 Calculus and Analytic Geometry I and Permission of Instructor. (Offered As Needed).

MATH 4001. History of Mathematics. 3-0-3 Units.
Examines major developments, central themes, and important issues in mathematics throughout history. Undertakes an overview of the historical development of the discipline by focusing on specific theories, problems, and results. (F)
Prerequisites: MATH 2254.

MATH 4101. Abstract Algebra I. 3-0-3 Units.
An axiomatic approach to algebraic structures. Topics include groups, permutations, homomorphisms, and factor groups. (F)
Prerequisites: MATH 3101.

MATH 4102. Abstract Algebra II. 3-0-3 Units.
Examines the central concepts of ring theory and field theory. Topics include modules, Galois theory, integral domains, and advanced linear algebra. Strongly recommended for students intending to complete a graduate degree in mathematics. (S)
Prerequisites: MATH 4101.

MATH 4201. Number Theory. 3-0-3 Units.
A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, and continued fractions. (S)
Prerequisites: MATH 3101.

MATH 4301. Graph Theory. 3-0-3 Units.
Elementary theory of graphs and digraphs. Topics include connectivity, reconstructions, trees, Euler’s problem, hamiltonicity, network flows, planarity, node and edge colorings, tournaments, matchings, and extremal graphs. A number of algorithms and applications are included. (F)
Prerequisites: MATH 3101.

MATH 4401. Operations Research. 3-0-3 Units.
Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming. (S)
Prerequisites: MATH 2256.

MATH 4502. Statistics for Process Control. 3-0-3 Units.
Introduces application techniques used in quality/process control with particular application to area industries. Topics include probability, sampling distributions, control charts for variables and attributes, lot-by-lot sampling plans, acceptance sampling for variables, elementary reliability calculations, and an introduction to the concept of quality costs. (Spring Even Years As Needed)
Prerequisites: MATH 2181 or MATH 2253 and MATH 1401 or MATH 2200 or MATH 4701 or BUSA 2850.

MATH 4511. Numerical Analysis I. 3-0-3 Units.
Prerequisites: CMPS 1301 or CMPS 1371.

MATH 4512. Numerical Analysis II. 3-0-3 Units.
Numerical solutions of systems of linear equations, numerical computations of eigenvalues and eigenvectors, error analysis. Written programs using the algorithms. (S)
Prerequisites: MATH 2256 and CMPS 1301 or CMPS 1371.

MATH 4601. Real Analysis I. 3-2-4 Units.
Develops a rigorous approach to functions of a real variable. Topics include limits, continuous functions, differentiation, and Riemann integration. (F)
Prerequisites: MATH 2255 and MATH 3101.
MATH 4602. Real Analysis II. 3-0-3 Units. 
Continuous and rigorous approach to functions with an emphasis on functions in higher dimensions, including derivatives and integrals in n-dimensional Euclidean space. (S) 
Prerequisites: MATH 4601.

MATH 4611. Complex Analysis. 3-0-3 Units. 
Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping. (Summer) 
Prerequisites: MATH 2255.

MATH 4701. Probability and Statistics I. 3-0-3 Units. 
Sampling distributions, Normal, t, chi-square and F distributions. Moment generating function methods, Bayesian estimation and introduction to hypothesis testing. (F) 
Prerequisites: MATH 2255.

MATH 4702. Probability and Statistics II. 3-0-3 Units. 
Hypothesis testing, likelihood ration tests, nonparametric tests, bivariate and multivariate normal distributions. (S) 
Prerequisites: MATH 4701.

MATH 4713. Prob & Stat for P-8 Teachers. 3-0-3 Units. 
Provides special emphasis for teachers of grades P-8 on the fundamental concepts of probability and statistics with particular attention to specific methods and materials of instruction. (F,S,M) 
Prerequisites: MATH 208.

MATH 4800. Topology. 3-0-3 Units. 
This course develops the concepts of open and closed sets, topological spaces, bases, subspaces, continuous functions, homeomorphisms, connected spaces and compact spaces. (F) 
Prerequisites: MATH 3101.

MATH 4850. Mathematical Finance. 3-0-3 Units. 
Introduces finance concepts from a mathematical perspective. Topics include the theory of pricing derivatives, the Black-Scholes model for pricing options, portfolio optimization, and capital asset pricing models. 
Prerequisites: MATH 2770 or MATH 4701 with a grade of C or better on either math course.

MATH 4860. Internship In Mathematics. 0-0-1-4 Unit. 
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (F,S,M) 
Prerequisites: Permission of department chair.

MATH 4900. Special Topics in Mathematics. 0-0-1-3 Unit. 
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. The course may be repeated for credit when topic differs. Pre-requisite: MATH 3101 Intro to Advanced Mathematics and 2 additional upper level Mathematics courses excluding MATH 3703, 3803, and 4713. Approval of the Instructor is required before registration. (As Available)

MATH 4960. Research in Mathematics. 0-0-1-3 Unit. 
Students will select a research topic, complete a written research proposal, and in association with a faculty mentor, execute the research plan. This course affords interested junior and senior students an opportunity to participate in a basic research experience with a member of the department faculty. The student will prepare both written and oral presentations of the work, and where appropriate, will be encouraged to make presentations at professional meetings or submit work to a journal for publication. (Dept. Chair Approval) (F,S,M as available) 
Prerequisites: Permission of the faculty mentor.

Mathematics, with an Actuarial Science Concentration

Bachelor of Science

Actuarial Science is a cross-disciplinary field that requires knowledge from mathematics, economics, and business to solve problems involving risk assessment and risk management. Actuaries apply mathematical principles and techniques to solve problems in finance, insurance, and related fields. They are involved with every aspect of the insurance industry and must possess strong mathematical skills and a solid business background to apply their technical knowledge. Dalton State College's Mathematics degree with an Actuarial Concentration will provide students with the courses to be successful in the actuarial field. Courses in this pathway include calculus, probability & statistics, economics, marketing, accounting, computer science, and finance. Professional status is obtained through a series of exams and this degree starts the student on the path to becoming an actuary.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Precalculus Mathematics</td>
<td>3</td>
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</table>

Area B: Institutional Options

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>One of the following electives:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
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<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<tr>
<td>PHED 1030</td>
<td>Health &amp; Wellness Concepts</td>
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<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<tr>
<td>PRSP Elective</td>
<td>(See advisor)</td>
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</tbody>
</table>

Area C: Humanities/Fine Arts

Choose one or two ENGL course(s): 3-6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
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<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td></td>
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<tr>
<td>ENGL 2121</td>
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<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
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<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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</tbody>
</table>

If only one ENGL course chosen add one of the following: 0-3

<table>
<thead>
<tr>
<th>Course</th>
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<th>Units</th>
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<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
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<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
<td></td>
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<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 1110</td>
<td>World Music</td>
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<tr>
<td>MUSC 1120</td>
<td>American Music</td>
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</table>
## Psychology

### Bachelor of Science

The BS in psychology program focuses on psychology as a scientific discipline, examining a breadth of content from the biological bases of behavior and mental processes to sociocultural impacts on human behavior. Students will learn the basis of psychological investigations, from simple observation to rigorous experimentation, and then explore the range of topics associated with psychology. The psychology program will graduate students who are well versed in the basics of human cognitive and emotional processes and individual and social behavior, in addition to having a solid grounding in research, analytic, observational, learning, memory, and writing skills. Students will be prepared to enter the workforce for organizations that will allow them to put these psychology skills to use or to continue study in psychology or other graduate or professional programs such as medicine, neuroscience, law, and business.

### Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
<td></td>
</tr>
<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<tr>
<td>or MATH 1111</td>
<td>College Algebra</td>
<td></td>
</tr>
<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
<td></td>
</tr>
<tr>
<td>or MATH 1401</td>
<td>Elementary Statistics</td>
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</tr>
</tbody>
</table>

### Area B: Institutional Options

Choose one of the following electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1120</td>
<td>Argumentation and Advocacy</td>
<td></td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>Intro to Greek Mythology</td>
<td></td>
</tr>
<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
<td></td>
</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
<td></td>
</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
<td></td>
</tr>
<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
<td></td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
<td></td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
<td></td>
</tr>
<tr>
<td>PRSP Elective</td>
<td>(See advisor)</td>
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</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
</tr>
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</table>

### Area C: Humanities/Fine Arts

Choose one or two ENGL course(s):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
<td>3-6</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
<td></td>
</tr>
</tbody>
</table>

If only one ENGL course chosen, add one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
<td></td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
</tr>
</tbody>
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* One hour from MATH 2253 may be used toward the upper level General Electives.
### Area D: Science/Mathematics/Technology

**Eight Credit Hours of Lab Science Electives:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
</tr>
<tr>
<td>&amp; 1010L</td>
<td>and Astronomy of Solar Sys. Lab</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
</tr>
<tr>
<td>&amp; 1020L</td>
<td>and Stellar &amp; Galac. Astronomy Lab</td>
</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
</tr>
<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
</tr>
<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
</tbody>
</table>

**One of the following electives:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>CMPS 1301</td>
<td>Principles of Programming I</td>
</tr>
<tr>
<td>CMPS 1302</td>
<td>Principles of Programming II</td>
</tr>
<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
</tr>
<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
</tr>
<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Precalculus Mathematics</td>
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<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
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<tr>
<td>MATH 2181</td>
<td>Applied Calculus</td>
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<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
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<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
</tbody>
</table>

### Area E: Social Sciences

**Grades of C or better required.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>PSYC 2000</td>
<td>Careers in Psychology</td>
</tr>
<tr>
<td>PSYC 2010</td>
<td>Psychological Studies</td>
</tr>
<tr>
<td>PSYC 2103</td>
<td>Human Development</td>
</tr>
</tbody>
</table>

**Electives:** Additional transfer courses from ANTH, BIOL, COMM, MATH, PHIL, PSYC, SOCI; BIOL 2212K, BIOL 2213K, BIOL 2215K; or 2000-level courses related to a minor.

### Required Psychology Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3150</td>
<td>Research Design and Analysis I</td>
</tr>
<tr>
<td>PSYC 3160</td>
<td>Research Design &amp; Analysis II</td>
</tr>
<tr>
<td>PSYC 3200</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSYC 3325</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>PSYC 3500</td>
<td>Personality</td>
</tr>
<tr>
<td>PSYC 3940</td>
<td>Learning and Behavior</td>
</tr>
<tr>
<td>PSYC 3950</td>
<td>Cognitive Psychology</td>
</tr>
<tr>
<td>PSYC 4250</td>
<td>Sensation and Perception</td>
</tr>
<tr>
<td>PSYC 4600</td>
<td>Brain and Behavior</td>
</tr>
<tr>
<td>PSYC 4825</td>
<td>History &amp; Systems in Psych</td>
</tr>
<tr>
<td>PSYC 4900</td>
<td>Senior Capstone Seminar/Psyc</td>
</tr>
</tbody>
</table>

**Choose 1 3000- or 4000-level COMM or ENGL class**

### General Psychology Concentration Electives:

**Choose four of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3250</td>
<td>Psychology of Human Sexuality</td>
</tr>
<tr>
<td>PSYC 3300</td>
<td>Health Psychology</td>
</tr>
<tr>
<td>PSYC 3350</td>
<td>Humanistic Psychology</td>
</tr>
<tr>
<td>PSYC 3370</td>
<td>Indust/Organizational Psych</td>
</tr>
<tr>
<td>PSYC 3450</td>
<td>Cross-Cultural Psychology</td>
</tr>
</tbody>
</table>
Courses

PSYC 1101. Introduction to Psychology. 3-0-3 Units.
Introduces the study of psychology as a quantitative science and as an aid to the understanding of self and others. Includes consideration of learning principles, personality, conflict and adjustment, tests and measurements, biological bases of behavior, and group phenomena. Prerequisites: ENGL 0999 unless exempt.

PSYC 1101H. Honors Introductory Psychology. 3-0-3 Units.

PSYC 2000. Careers in Psychology. 3-0-3 Units.
Examines career opportunities for psychology majors at the baccalaureate and graduate levels. Topics include an examination of the Psychology major, preparation for employment with a bachelor’s degree, course preparation for graduate school, and preparation for the GRE Advanced test in Psychology. There is a substantial writing component to this class. Prerequisites: PSYC 1101 and ENGL 1101 and declared psychology major or psychology minor or permission of instructor; all prerequisites require a C or better.

PSYC 2010. Psychological Studies. 3-0-3 Units.
Explores the roles of oral and written communication in psychology. Emphasis will be placed on examining the literature of specialized areas of psychology and writing papers in APA style as well as oral presentation of research literature in psychology. Prerequisites: PSYC 1101 and ENGL 1101 and declared psychology major or psychology minor or permission of instructor; all prerequisites require a C or better.

PSYC 2101. Psychology of Adjustment. 3-0-3 Units.
Surveys the dynamics of both normal and non-integrative adjustment. Includes a study of conflicts, fears, anxiety, and frustration with emphasis on mental hygiene, building emotional stability, and preventing mental illness. Prerequisites: PSYC 1101; all prerequisites require a C or better.

PSYC 3103. Human Development. 3-0-3 Units.
Surveys human development from conception to death. Emphasizes physical, social, emotional, cognitive, and moral development expectations. Major theoretical and research contributions are also considered. Prerequisites: PSYC 1101; all prerequisites require a C or better.

PSYC 3110. Research Design in Psychology. 3-0-3 Units.
Examines the methods used in psychological research, including experimental, quasi-experimental, observation and survey methods. An emphasis will be made on the causative nature of experimental research and the correlational nature of non-experimental methodologies. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed. Prerequisites: PSYC 2010; all prerequisites require a C or better.

PSYC 3120. Research Analysis in Psych. 3-0-3 Units.
Introduces descriptive and inferential statistics as applied to psychological data. Topics include measures of central tendency and variability, correlation, regression, confidence intervals, the F-test for one way factorial designs and Chi Square. Online data sets and lab experiences will be part of the class. Prerequisites: PSYC 3110; all prerequisites require a C or better.

PSYC 3150. Research Design and Analysis I. 3-0-3 Units.
This is the first course in a 2-course sequence that examines the methods and statistical techniques used in psychological research, including experimental, quasi-experimental, observation and survey methods. Additionally, other methods such as surveys, questionnaires, interviews, naturalistic observations, and case studies are covered. Topics will include those involving the appropriate collection of data as well as ethical considerations involved in conducting psychological research. Statistical topics covered will include measures of central tendency and variability, correlation, regression, an introduction to hypothesis testing and the t-statistic. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed. Prerequisites: PSYC 2010; all prerequisites require a C or better.

PSYC 3160. Research Design & Analysis II. 3-0-3 Units.
This is the second course in a 2-course sequence that examines the methods and statistical techniques used in psychological research, including experimental, quasi-experimental, observation and survey methods. Additionally, other methods such as surveys, questionnaires, interviews, naturalistic observations, and case studies are covered. Statistical topics covered will include factorial research designs, single-subject designs, and nonparametric statistics. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed. Prerequisites: PSYC 3110; all prerequisites require a C or better.

Guided Electives: 2000-4000 level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3600</td>
<td>Motivation</td>
</tr>
<tr>
<td>PSYC 3710</td>
<td>Child Psychology</td>
</tr>
<tr>
<td>PSYC 3720</td>
<td>Adolescent Psychology</td>
</tr>
<tr>
<td>PSYC 3850</td>
<td>Forensic Psychology</td>
</tr>
<tr>
<td>PSYC 4300</td>
<td>Applied Behavior Analysis</td>
</tr>
<tr>
<td>PSYC 4400</td>
<td>Clinical/Counseling Psychology</td>
</tr>
<tr>
<td>PSYC 4500</td>
<td>Drugs and Behavior</td>
</tr>
<tr>
<td>PSYC 4650</td>
<td>Comparative Psychology</td>
</tr>
<tr>
<td>PSYC 4700</td>
<td>Tests and Measurements</td>
</tr>
<tr>
<td>PSYC 4850</td>
<td>Special Topics in Psychology</td>
</tr>
<tr>
<td>PSYC 4870</td>
<td>Practicum in Psychology</td>
</tr>
</tbody>
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Twelve additional hours from any transfer classes at the 2000-level or higher chosen in conjunction with the advisor. These classes are to be directly applicable to the career or educational plans of the student. Guided electives can be used toward a minor. Grades of C or better required.

Physical Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED Activity Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Hours: 121-122

* BIOL 1107K and BIOL 1108K are highly recommended.
PSYC 3300. Health Psychology. 3-0-3 Units.
Examines the role of psychological factors in the promotion and maintenance of health. Topics include the development of acquired illness and health behaviors and the application of psychological principles to the treatment of medical problems and illness.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3325. Social Psychology. 3-0-3 Units.
Surveys the effects of the social environment upon the thoughts, feelings, and behaviors of the individual. Discusses attitudes, influence, socialization, conformity, aggression, violence, prejudice, and discrimination.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3350. Humanistic Psychology. 3-0-3 Units.
Examines the various theories encompassing humanistic psychology and explores the primary themes of humanistic psychology, including personal experience, the self, the potential for growth, freedom of choice and consequences of choices, personal values, and moral courage. The primary focus is on personal growth and wellness.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3370. Indust/Organizational Psych. 3-0-3 Units.
Examines the application of psychological principles, concepts, theory, and research to the work setting. Emphasis will be placed on the individual in the work environment and the processes required for organizational effectiveness.(Offered occasionally)
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3450. Cross-Cultural Psychology. 3-0-3 Units.
Examines psychological principles from a global cultural perspective. A variety of classic psychological issues, such as development, perception, personality, emotion and language will be presented in the context of differing cultural orientations of people of the world. Intercultural interactions and communication in the workplace and school will be considered.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3500. Personality. 3-0-3 Units.
Examines the classic and current theories of personality that reflect the primary perspectives in psychology. The psychodynamic (and derivatives), behavioral, humanistic and existentialist, cognitive and biological perspectives will be presented.
Prerequisites: PSYC 2010 and PSYC 2103; all prerequisites require a C or better.

PSYC 3600. Motivation. 3-0-3 Units.
Examines current theoretical formulations and research in motivation with an emphasis on real-world applications.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3710. Child Psychology. 3-0-3 Units.
Examines theories and research on physical, cognitive, personality, and social development in infancy and childhood. This course emphasizes normal development but also includes aspects of childhood psychopathology.
Prerequisites: PSYC 2103 and ENGL 1102; all prerequisites require a C or better.

PSYC 3720. Adolescent Psychology. 3-0-3 Units.
Examines theories and research on physical, cognitive, personality, and social development in adolescence. This course emphasizes normal development but also includes aspects of adolescent psychopathology.
Prerequisites: PSYC 2103 and ENGL 1102; all prerequisites require a C or better.

PSYC 3800. Industrial/Organizational PSYC. 3-0-3 Units.
Theory and application of psychological principles to industrial and organizational settings. Offered online as an eMajor course.
Prerequisites: PSYC 1101.

PSYC 3850. Forensic Psychology. 3-0-3 Units.
Examines the relationship between psychology and law, focusing on the roles of psychologists in legal settings. Focuses on the applicability of various psychological theories to criminal justice processes. Topics include competence evaluations, rehabilitation potential, accuracy of eyewitness testimony, the psychology of jury selection, bystander apathy, the insanity defense, and the effectiveness of the polygraph, among others.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3940. Learning and Behavior. 3-0-3 Units.
Examines the various learning mechanisms that are involved in the establishment, maintenance and the reduction of behaviors. Topics include Pavlovian conditioning, operant conditioning, and observational learning in humans and animals. Online lab experiences will be part of the class.
Prerequisites: PSYC 2100 and 2103; all prerequisites require a C or better.

PSYC 3950. Cognitive Psychology. 3-0-3 Units.
Examines mental processes such as attention, mental representation, categorization, problem solving, pattern recognition, imagery, and short-term and long-term memory. Online lab experiences will be part of the class.
Prerequisites: PSYC 2100 and 2103; all prerequisites require a C or better.

PSYC 4250. Sensation and Perception. 3-0-3 Units.
Examines the various models of psychophysiological models of sensation and perception. Topics include the five primary sensory systems and the physical properties of stimuli. The processing of stimuli at the physiological and perceptual levels will be examined.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4300. Applied Behavior Analysis. 3-0-3 Units.
Examines the principles that underlie behavior modification and behavior therapy. Includes the application of learning principles and procedures used to modify complex human behavior in the natural environment and in clinical situations. Ethical issues concerning behavior modification will be considered.
Prerequisites: PSYC 3150 or PSYC 3110, and PSYC 3200 and PSYC 3940; all prerequisites require a C or better.

PSYC 4400. Clinical/Counseling Psychology. 3-0-3 Units.
Introduces contemporary counseling and clinical psychology practice and treatment methods. Both historical and current theories and treatment models will be examined. Topics include research design, diagnosis and treatment methods, psychotherapeutic techniques, effectiveness of treatment and training for clinical and counseling professions.
Prerequisites: PSYC 3150 or PSYC 3110, and PSYC 3200; all prerequisites require a C or better.
PSYC 4500. Drugs and Behavior. 3-0-3 Units.
Examines the way in which psychoactive drugs operate in the central nervous system to impact behavior, thought and emotion. The use, misuse and abuse of the varieties of psychoactive drugs and the psychological, social and biological influence on drug use will be examined. Online lab experiences will be part of the class.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4600. Brain and Behavior. 3-0-3 Units.
Examines the relationship between underlying biological, particularly brain, processes and behavior, thought and emotion. The anatomy, physiology and biochemistry of the nervous system are presented and used in an examination of basic psychological processes such as sleep, memory, stress, learning, reproductive behavior and abnormal psychology. Both animal models and human models of brain and behavior will be used. Online lab experiences will be part of the class.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4650. Comparative Psychology. 3-0-3 Units.
Examines the methods, theories and research in animal behavior with an emphasis on underlying adaptive mechanisms and their role in understanding human behavior.
Prerequisites: PSYC 3160 or PSYC 3120; all prerequisites require a C or better.

PSYC 4700. Tests and Measurements. 3-0-3 Units.
Examines the theory and practice of psychological assessment as it relates to ability, interests, achievement and traits. Topics include the principles that underlie the development, use and interpretation of psychological assessment tools. Historical and current assessment techniques will be presented.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

PSYC 4825. History & Systems in Psych. 3-0-3 Units.
Examines the history of psychology from ancient to modern times. The background of formal psychology as found in philosophy and physiology, primary early systems in psychology, major historical figures and the historical and cultural context in which psychology developed will be presented.
Prerequisites: PSYC 3160 or PSYC 3120; all prerequisites require a C or better.

PSYC 4850. Special Topics in Psychology. 1-0-1-3 Unit.
This course will address selected topics of special interest to faculty and students. Offered occasionally.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 4870. Practicum in Psychology. 0-10-3 Units.
Provides advanced psychology majors the opportunity to apply psychology in supervised field experiences in organizations associated with psychology and psychological issues. Application must be made by mid-semester prior to the field experience. This class is repeatable for a maximum of 6 credit hours and is graded on a satisfactory/unsatisfactory basis.
Prerequisites: PSYC 3160 or PSYC 3120, junior level status in Psychology, 3.0 GPA.

PSYC 4900. Senior Capstone Seminar/Psyc. 3-0-3 Units.
Designed to be the capstone course for psychology majors. Students will integrate their prior academic experiences in psychology into an overview of the area of study. Contemporary issues, problems, research and theories from the various areas in the psychology curriculum will be examined. Students will research and complete a project in which they integrate various aspects of their program.
Prerequisites: Senior status as a Psychology major.

Technology Management
Bachelor of Applied Science

The B.A.S. Technology Management degree prepares students to gain long-term career positions in the fields of information technology or technology management. Students have the opportunities to gain knowledge of advanced concepts of technology in the areas of computer networking, Linux operating systems, computer programming, network security, database administration, web development, and hardware maintenance, as well as the managerial experience to oversee projects in each area. Courses within the B.A.S. degree also prepare students to gain advanced certifications in managerial and technological subjects, giving students improved opportunities to gain beneficial employment assignments or land promotions within their current professions.

Area A: Essential Areas

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
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</tr>
</tbody>
</table>

Area B: Institutional Options

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One of the following electives:</td>
<td>1</td>
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<tr>
<td></td>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<tr>
<td></td>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
</tr>
<tr>
<td></td>
<td>ENGL 1110</td>
<td>Creative Writing</td>
</tr>
<tr>
<td></td>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
</tr>
<tr>
<td></td>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
</tr>
<tr>
<td></td>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<td></td>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<td></td>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td></td>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<tr>
<td></td>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
</tr>
<tr>
<td></td>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
</tr>
<tr>
<td></td>
<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
<td></td>
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<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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</table>

If only one ENGL course chosen, add one of the following: 0-3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credit Hours</td>
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<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 1110</td>
<td>World Music</td>
<td></td>
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<tr>
<td>MUSC 1120</td>
<td>American Music</td>
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</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
<td></td>
</tr>
</tbody>
</table>

**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives: 8

- ASTR 1010 & 1010L: Astronomy of the Solar System and Astronomy of Solar Sys. Lab
- ASTR 1020 & 1020L: Stellar and Galactic Astronomy and Stellar & Galac. Astronomy Lab
- BIOL 1105K: Environmental Studies
- BIOL 1107K: Principles of Biology I
- BIOL 1108K: Principles of Biology II
- BIOL 1203K: Principles of Botany
- BIOL 1224K: Entomology
- CHEM 1151K: Survey of Chemistry
- CHEM 1211K: Principles of Chemistry I
- CHEM 1212K: Principles of Chemistry II
- GEOL 1121K: Principles of Geology
- GEOL 1122K: Historical Geology
- GEOL 1131K: Geology & the Environment
- PHYS 1111K: Introductory Physics I
- PHYS 1112K: Introductory Physics II
- PHYS 2211K: Principles of Physics I
- PHYS 2212K: Principles of Physics II
- MATH 1401: Elementary Statistics 3

**Area E: Social Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
<td></td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following electives: 6

- ANTH 1103: Intro to Cultural Anthropology
- GEOG 1100: Introduction to Geography
- GEOG 1101: Intro to Human Geography
- GEOG 1111: Intro to Physical Geography
- HIST 1111: World Civilization to 1500 CE
- HIST 1112: World Civilization since 1500
- HIST 2111: United States History to 1877
- HIST 2112: United States Hist since 1877
- PHIL 1103: Intro to World Religions
- PHIL 2010: Intro to Philosophical Issues
- PHIL 2020: Logic and Critical Thinking
- POLS 2101: Intro to Political Science
- POLS 2201: State and Local Government
- POLS 2301: Comparative Politics
- POLS 2401: International Relations
- PSYC 1101: Introduction to Psychology
- PSYC 2101: Psychology of Adjustment
- PSYC 2103: Human Development
- SOCI 1101: Introduction to Sociology
- SOCI 1160: Social Problems

**Technical Credits:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BUSA 2201</td>
<td>Fundamentals of Computer Appli</td>
<td>3</td>
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<tr>
<td>CAPS 1140</td>
<td>Microcomputer Operating System</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1145</td>
<td>Introduction to Networks</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1152</td>
<td>Linux</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1270</td>
<td>Switch, Route, Wireless Ess</td>
<td>3</td>
</tr>
<tr>
<td>CAPS 1276</td>
<td>Ent Net, Security, Automation</td>
<td>3</td>
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Electives (must be approved by department chair) 21

**Technology Management Core:**

<table>
<thead>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>ITEC 3251</td>
<td>Linux II</td>
<td>3</td>
</tr>
<tr>
<td>MGIS 3351</td>
<td>Principles Mgmt Info Systems</td>
<td>3</td>
</tr>
<tr>
<td>MGIS 3352</td>
<td>Management Application Prog I</td>
<td>3</td>
</tr>
<tr>
<td>MGIS 3353</td>
<td>Management Applications Programming II</td>
<td>3</td>
</tr>
<tr>
<td>MGIS 3356</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>MGIS 3390</td>
<td>Management of IS Security</td>
<td>3</td>
</tr>
<tr>
<td>MGIS 4701</td>
<td>Systems Analysis &amp; Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**Upper Level Electives:**

Choose two ITEC Electives: 6

- ITEC 3361: CCNP R&S ROUTE
- ITEC 3362: CCNP R&S SWITCH
- ITEC 3500: Cybersecurity Operations
- ITEC 4800: Special Topics in ITEC
- ITEC 4900: Internships in ITEC

Choose four electives: 12

- COMM 3301: Communication for Prof Setting
- ITEC 3361: CCNP R&S ROUTE
- ITEC 3362: CCNP R&S SWITCH
- ITEC 4361: CCNP R&S SHOOT
- ITEC 4362: CCNP R&S SWITCH
- ITEC 4363: CCNP R&S SHOOT
- ITEC 4800: Special Topics in ITEC
- ITEC 4800: Special Topics in ITEC
- ITC 3500: Cybersecurity Operations
- ITC 3500: Cybersecurity Operations
- ITC 4900: Internships in ITEC
- ITC 4900: Internships in ITEC
- MGIS 3354: Telecommunications Management
- MGIS 3358: Web-based MIS
- MGIS 4360: Databases:Big Data & Analytics
- MNGT 3051: Principles of Management

**Physical Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED Activity Elective</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Hours**

- 121

WRIGHT SCHOOL OF BUSINESS

The primary goal of the C. Lamar and Ann Wright School of Business (WSOB) at Dalton State College is to provide students with the skills and knowledge necessary to succeed in a competitive business environment. While our programs are designed to provide information to students in all the functional areas of business, we feel it is critical for students to develop excellent communication and problem solving skills. In addition, our students are expected to understand and appreciate the internationalization of commerce and the role of technology in today’s business world. The Wright School of Business believes, as do most successful business leaders, continuous improvement is the best way to be successful. We continually evaluate and revise our curriculum and teaching methods to meet the changing demands of the workplace.

DSC Wright School of Business

Mission Statement

The C. Lamar and Ann Wright School of Business at Dalton State College offers six undergraduate bachelor of business administration (BBA) degrees to serve a diverse student population in Northwest Georgia and the surrounding areas to positively impact the regional community and train leaders for life-long learning. Our mission is to provide innovative educational opportunities and create high quality professionals with skills demanded by area employers.

DSC Wright School of Business Vision

We seek to continuously improve our status as an academically respected and student-oriented regional school of business as an integral part of a first-choice destination campus.

DSC Wright School of Business Values

• Responsible citizenship: We believe in making positive contributions to area businesses and local communities.
• Ethics: We believe in working in a manner that adheres to ethical norms of both the business and local communities.
• Diversity: We encourage multi-cultural and international learning and experiences to develop a respectful appreciation for diversity and social integration.
• Innovation: We believe graduates should be able to develop new approaches to meeting market needs.
• Quality-seeking and adaptation: We believe in challenging existing processes and adapting to changing market conditions through continuous individual improvement.
• Engagement: We believe in effective engagement with the business and civic communities; locally, regionally, and globally.

Admission to Upper Division

Admission to Upper Division is a prerequisite for enrolling in 3000-4000 level coursework. Students are awarded upper division eligibility at the end of the semester they meet BBA Upper Division requirements. In order for a student to enroll in upper division courses the certain conditions must be met.

BBA Upper Division Eligibility Requirements

To be admitted into upper division coursework, students must:

1. Have a minimum of 45 hours in areas A-F, including all area F courses, COMM 1110, ECON 2105, and MATH 2181.
2. Have a grade of C or better in all Area F courses and MATH 2181.
3. Have an institutional GPA of 2.0 or better.
4. Have a cumulative GPA of 2.25 or better in Area F courses.

Upper Division Grace Period

Students are allowed a one semester ‘grace’ period. This ‘grace’ period will allow students to take their final lower level required courses (Area A, COMM 1110, MATH 2181, ECON 2105 and Area F) while taking up to two 3000-4000 level business classes to have a full time schedule. Students under the ‘grace’ period must pass with a C or better all lower level classes during this ‘grace’ period to be allowed to continue taking 3000-4000 level business classes. Students who do not pass (with a C or better) a lower level class during the ‘grace’ period, must repeat the failed lower level class(es) before enrolling in any 3000-4000 level business classes.

BBA Degree Graduation Requirements

To receive a Bachelor of Business Administration degree in the Wright School of Business a student must meet the following criteria:

1. Students must complete a minimum of 120 semester hours of academic work in an approved BBA program with one additional hour of physical education.
2. Students must complete a minimum of 39 hours in 3000-4000 level courses.
3. Students must pass ALL upper level (business core, major core and electives) courses with a grade of a C or better.
4. Students must complete 30 semester hours in residence at Dalton State College.
5. All Business Administration bachelor’s students are required to take the capstone class (MNGT 4701: Strategic Management) at Dalton State College in the last available semester before graduation.
6. Students must successfully pass Professional Development Seminar (BUSA 3701).
7. Students must complete the ETS Major Field Exam (as part of the MNGT 4701 course).

In order to participate in the commencement ceremony, students must have all graduation requirements successfully completed. Students may not walk in the spring ceremony if they have a class remaining in the summer.

Internships

Although students are not required to have an Internship or Cooperative work experience while in the WSOB, they are strongly encouraged to do so. The Wright School of Business works with local businesses to help students secure appropriate placements. Please contact the Wright School of Business Professional Advisor (706-712-8224 or bizadvisor@daltonstate.edu) for details.
Accounting

Bachelor of Business Administration

The Bachelor of Business Administration in Accounting degree prepares students for in-demand careers in public, private, and non-profit environments. Areas emphasized include recording and reporting of financial data, understanding state and federal tax laws and the effect on business decisions, auditing financial statements, and gathering and using data for planning and control within a managerial accounting context.

The need for accounting professionals is expected to increase by more than 6% by 2028. Accounting is the foundation of business. Wherever there’s money, there’s an accountant (or CPA). The Wright School of Business (WSOB) accounting program will teach you to prepare and interpret all financial data, benefiting the economic activity of any organization. Accounting students will be able to forecast growth and improve business functions. Accounting students will be able to forecast growth and improve business functions.

According to the U.S. Bureau of Labor Statistics, positions in accounting will grow by 13.1% by 2022 with an additional 166,700 positions in accounting and auditing that will be needed.

WSOB students majoring in accounting have a variety of evolving fields to consider, including financial statement auditing, income tax preparation and planning, compilation of financial statements, financial management, financial planning, environmental financial analysis, federal law enforcement, forensic accounting, ecommerce or retail management, financial planning, environmental financial analysis, preparation and planning, compilation of financial statements, financial management, and auditing. Positions accounting students aspire to include: Actuary, Chief Financial Officer (CFO), Controller/Comptroller, Environmental Accountant, Forensic Accountant, Non-Profit Accountant, Public Accounting – Auditor or Tax Accountant, and Sports Accountant.

Students may also choose to pursue their Certified Public Accountant (CPA) certification. If so, students will be required to complete at least 150 semester hours of college credit. Many students choose to complete the additional 30 hours, beyond their bachelor’s degree, at Dalton State. The accounting program is offered as a day and night program.

Area A: Essential Skills

ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
Choose one MATH: * 3
MATH 1101 Intro to Mathematical Modeling
or MATH 1111 College Algebra
or MATH 1113 Precalculus Mathematics

Area B: Institutional Options

COMM 1110 Fundamentals of Speech * 3
One of the following electives: 1
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOI 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric

Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature
If only one ENGL course chosen, add one of the following: 0-3
ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1110 World Music
MUSC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Science/Mathematics/Technology

Eight Credit Hours of Lab Science Electives: 8
ASTR 1010 Astronomy of the Solar System
& 1010L and Astronomy of Solar Sys. Lab
or ASTR 1020 Stellar and Galactic Astronomy
& 1020L and Stellar & Galac. Astronomy Lab
Biol 1105K Environmental Studies
Biol 1107K Principles of Biology I
Biol 1108K Principles of Biology II
Biol 1203K Principles of Botany
Biol 1224K Entomology
CHEM 1151K Survey of Chemistry
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
GEOI 1121K Principles of Geology
GEOI 1122K Historical Geology
GEOI 1131K Geology & the Environment
Phys 1112K Introductory Physics II
PHYS 2111K Principles of Physics I
PHYS 2122K Principles of Physics II
One of the following electives: * 3-4
MATH 2181 Applied Calculus
MATH 2253 Calculus and Analytic Geom I
MATH 2254 Calculus and Analytic Geom II

Area E: Social Sciences

HIST 2111 United States History to 1877
or HIST 2112 United States Hist since 1877
POLS 1101 American Government
ECON 2105 Principles of Macroeconomics * 3
One of the following electives: 3
Choose one Upper Division Accounting electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 4701</td>
<td>Forensic Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4400</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4100</td>
<td>Advanced Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4000</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4701</td>
<td>Auditing and Attestation</td>
<td>3</td>
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</table>

Upper Division Business Electives*

Select any 3000-4000 level Business course not already required or taken for degree program.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MATH 4502</td>
<td>Govt/Nonprofit Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4300</td>
<td>Tax Accounting &amp; Reporting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4700</td>
<td>Independent Study in Acct</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4800</td>
<td>Special Topics in Accounting</td>
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<tr>
<td>ACCT 4900</td>
<td>Accounting Internship</td>
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Senior Requirement +

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<th>Course Title</th>
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<tbody>
<tr>
<td>MNGT 4701</td>
<td>Strategic Management</td>
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Physical Education

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<td>PHED</td>
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Area F: Major Related *

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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ACCT 2101</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 2106</td>
<td>The Environment of Business</td>
<td>3</td>
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<tr>
<td>BUSA 2201</td>
<td>Fundamentals of Computer Appl</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 2850</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
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Business Core*

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BUSA 3055</td>
<td>Quantitative Analysis Bus Prob</td>
<td>3</td>
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<tr>
<td>BUSA 3060</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3070</td>
<td>Business Ethics</td>
<td>3</td>
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<tr>
<td>BUSA 3301</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3351</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3701</td>
<td>Prof Development Seminar</td>
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Accounting Core**

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<th>Course Title</th>
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<tbody>
<tr>
<td>ACCT 3100</td>
<td>Intermediate Accounting I</td>
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<tr>
<td>ACCT 3200</td>
<td>Intermediate Accounting II</td>
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<tr>
<td>ACCT 3300</td>
<td>Tax Accounting &amp; Reporting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 3600</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4100</td>
<td>Advanced Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4400</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4701</td>
<td>Auditing and Attestation</td>
<td>3</td>
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Accounting Electives**

Choose one Upper Division Accounting electives:

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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ACCT 3500</td>
<td>Forensic Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 3800</td>
<td>Understanding Financial Statem</td>
<td>3</td>
</tr>
</tbody>
</table>

Courses

**Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

** Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

** Upper Division Eligibility, ACCT 2101 with a ‘C’ or better.

** Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

** Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

** Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

** Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

** Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

** Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.

** Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a ‘C’ or better.
ACCT 3500. Forensic Accounting. 3-0-3 Units.
A study of the various techniques for preventing, detecting, investigating and resolving occupational fraud. (M (Evening))
Prerequisites: Upper Division Eligibility; ACCT 2101 with a 'C' or better.

ACCT 3600. Accounting Information Systems. 3-0-3 Units.
The course will also introduce students to computerized accounting information systems such as SAP. Other major topics covered will include internal controls, enterprise risk management, big data in accounting, forensic techniques, and auditing through an AIS. Students will learn to solve accounting problems and perform data analytics using spreadsheet, database, and visualization applications such as Excel, Access, and Power BI. (S (Online))
Prerequisites: Upper-division eligibility and ACCT 3100 with a C or better.

ACCT 3800. Understanding Financial Statements. 3-0-3 Units.
This course focuses on the understanding, interpreting, and analyzing of financial statements for corporations, local governments, and nonprofit organizations. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, ACCT 2102 with a 'C' or better.

ACCT 4100. Advanced Accounting. 3-0-3 Units.
Examines special types of transactions and their effect on financial statement presentation. The focus is on business combinations, foreign currency transactions, and other advanced financial reporting topics. (F (Online), M (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a 'C' or better.

ACCT 4200. Govt/Nonprofit Accounting. 3-0-3 Units.
Focuses on the concepts and standards for presentation and disclosure of financial statements for governmental entities and nongovernmental not-for-profit entities. (M (Online))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a 'C' or better.

ACCT 4300. Tax Accounting & Reporting I. 3-0-3 Units.
Explores the federal taxation of business entities, including C corporations, partnerships, S corporations, estates, and trusts. Analyzes the treatment of property transactions within these entities. (S (Evening))
Prerequisites: Upper Division Eligibility, ACCT 3300 with a 'C' or better.

ACCT 4400. Cost Accounting. 3-0-3 Units.
Focuses on planning, budgeting, performance measures and cost measures in the corporate environment. (S (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a 'C' or better.

ACCT 4700. Independent Study in Acct. 0-0-3 Units.
Supervised in-depth individual research and study of one or more current topics in Accounting in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3200 with a 'C' or better.

ACCT 4701. Auditing and Attestation. 3-0-3 Units.
Examines auditing procedures, standards, and other attestation issues. (F (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a 'C' or better.

ACCT 4800. Special Topics in Accounting. 3-0-3 Units.
Examines current, relevant topics in the field of Accounting. Each special topic course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3100 with a 'C' or better.

ACCT 4900. Accounting Internship. 0-0-3 Units.
Provides students with on-site work experience in Accounting through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Accounting internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3100 (Grade 'C' or Better), plus an additional 3 credit hours of upper division ACCT, and 3 credit hours of any upper division business course with a 'C' or better.

Finance and Applied Economics
Bachelor of Business Administration

The Bachelor of Business Administration in Finance and Applied Economics degree is designed to meet the needs of businesses within the financial and industrial sectors. The Wright School of Business (WSOB) curriculum provides students with the unique qualitative and quantitative skills required for careers in investments, banking, managerial finance, risk management, real estate, financial management, personal wealth planning, mergers, as a Certified Financial Planner (CFP), Financial Analyst, Loan Officer, Securities Analyst, Stockbroker, Actuary, Attorney, Bank Manager, Data Analyst, Energy Analyst, Healthcare Manager, or Land Developer, and other businesses property development.

Due to a growing range of financial products, the demand for finance professionals is on the rise in the United States. Jobs in financial planning are expected to grow by 30% through 2024.

To be successful in business, proficiency in financial management is key. Many organizations need people who can help make decisions on ways company funds will be used both now and in the future. A finance degree will prepare you for a future in any organization.

If you're constantly thinking about the outcomes of situations and how one small action can influence another, you're already thinking like an economist. The economics focus of this degree will give you the understanding of the national and world economies and allow you to think critically about how materials, money and resources are bought, traded and sold. The ability to effectively analyze and predict market activity, economic growth and price fluctuations are valuable skills that are sought after by many of the world's largest organizations. This program is offered as a day program.

**Area A: Essential Skills**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
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<td>Choose one MATH: *</td>
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<tr>
<td>MATH 1101</td>
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<td>or MATH 1113</td>
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**Area B: Institutional Options**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>Choose one of the following electives:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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*Choose one MATH course from Area A. The remaining units are selected from the list of Area B courses.*
<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<td>HUMN 1000</td>
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<tr>
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<td>Christian Fiction/Pop Culture</td>
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<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<tr>
<td>PRSP Elective</td>
<td>(See advisor)</td>
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</table>

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s):

- ENGL 2000 Topics in Literature & Culture
- ENGL 2111 World Literature I
- ENGL 2112 World Literature II
- ENGL 2120 British Literature I
- ENGL 2121 British Literature II
- ENGL 2130 American Literature I
- ENGL 2131 American Literature II
- ENGL 2201 Intro to Film as Literature

If only one ENGL course chosen, add one of the following: 0-3

- ARTS 1100 Art Appreciation
- HUMN 1201 Expressions of Culture I
- HUMN 1202 Expressions of Culture II
- MUSC 1100 Music Appreciation
- MUSC 1110 World Music
- MUSC 1120 American Music
- THEA 1100 Theatre Appreciation

**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives:

- ASTR 1010 Astronomy of the Solar System and Astronomy of Solar Sys. Lab
- ASTR 1020 Stellar and Galactic Astronomy and Stellar & Galac. Astronomy Lab
- BIOL 1105K Environmental Studies
- BIOL 1107K Principles of Biology I
- BIOL 1108K Principles of Biology II
- BIOL 1203K Principles of Botany
- BIOL 1224K Entomology
- CHEM 1151K Survey of Chemistry
- CHEM 1211K Principles of Chemistry I
- CHEM 1212K Principles of Chemistry II
- GEO 1121K Principles of Geology
- GEO 1122K Historical Geology
- GEO 1131K Geology & the Environment
- PHYS 1111K Introductory Physics I
- PHYS 1122K Introductory Physics II
- PHYS 2211K Principles of Physics I
- PHYS 2212K Principles of Physics II

One of the following electives: 3-4

- MATH 2181 Applied Calculus
- MATH 2253 Calculus and Analytic Geom I
- MATH 2254 Calculus and Analytic Geom II

**Area E: Social Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
</tbody>
</table>

or HIST 2112 United States Hist since 1877

- POLS 1101 American Government 3
- ECON 2105 Principles of Macroeconomics 3

One of the following electives: 3

- ANTH 1103 Intro to Cultural Anthropology
- GEOG 1100 Introduction to Geography
- GEOG 1101 Intro to Human Geography
- GEOG 1111 Intro to Physical Geography
- HIST 1111 World Civilization to 1500 CE
- HIST 1112 World Civilization since 1500
- HIST 2111 United States History to 1877
- HIST 2112 United States History since 1877
- PHIL 1103 Intro to World Religions
- PHIL 2010 Intro to Philosophical Issues
- PHIL 2020 Logic and Critical Thinking
- POLS 2101 Intro to Political Science
- POLS 2201 State and Local Government
- POLS 2301 Comparative Politics
- POLS 2401 International Relations
- PSYC 1101 Introduction to Psychology
- PSYC 2101 Psychology of Adjustment
- PSYC 2103 Human Development
- SOCI 1101 Introduction to Sociology
- SOCI 1160 Social Problems

**Area F: Major Related**

(2.25 GPA required.)

- ACCT 2101 Principles of Accounting I 3
- ACCT 2102 Principles of Accounting II 3
- BUSA 2106 The Environment of Business 3
- BUSA 2201 Fundamentals of Computer Appli 3
- BUSA 2850 Business Statistics 3
- ECON 2106 Principles of Microeconomics 3

**Business Core**

- BUSA 3055 Quantitative Analysis Bus Prob 3
- BUSA 3060 Business Law 3
- BUSA 3070 Business Ethics 3
- BUSA 3301 Business Communications 3
- BUSA 3351 International Business 3
- BUSA 3701 Prof Development Seminar 1
- FINC 3056 Principles of Finance 3
- LSCM 3251 Principles of Supply Chain Mng 3
- MARK 3010 Principles of Marketing 3
- MGIS 3351 Principles Mgmt Info Systems 3
- MNGT 3051 Principles of Management 3

**Finance and Applied Economics Core**

- ECON 3109 Managerial Economics 3
- ECON 3112 Money and Banking 3
- FINC 3101 Intermediate Corporate Finance 3
- FINC 3201 Investments 3
- FINC 4201 Finance Case Studies 3

**Finance and Applied Economics Concentration Electives**

Choose three of the following electives: 9
### ECON 2105. Principles of Macroeconomics. 3-0-3 Units.
Describes and analyzes macroeconomic principles. Topics covered include the scope and method of economics, national income/output analysis, employment/unemployment, inflation, fiscal policy, monetary policy, and international finance. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of 'C' or better.

### ECON 2106. Principles of Microeconomics. 3-0-3 Units.
Describes and analyzes microeconomic principles. Topics covered include demand and supply theory, output and price determination, market structure, income distribution, government regulation of business, labor organizations, and international trade. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of 'C' or better.

### ECON 3110. International Trade. 3-0-3 Units.
An introduction to international trade, with a focus on comparative advantage and gains from trade. Covers conventional trade models, trade policy with a focus on tariffs and quotas, measurement of a nation's balance of payments, foreign exchange rate determination, and operation of the international monetary system, and global organizations such as the World Trade Organization (WTO) and trade agreements such as the North American Free Trade Agreement (NAFTA). (As Needed)
Prerequisites: Upper Division Eligibility, ECON 2105 (concurrent), ECON 2106, both with a ‘C’ or better.

### ECON 3112. Money and Banking. 3-0-3 Units.
Presents a comprehensive upper-level course in financial institutions, financial markets, bank management, and money and banking. This introduction to the operation of the US financial system describes the US financial institutions, instruments and markets; explains how the financial system interacts with the rest of the economy; and considers how the system changes through time. (F (Day)).
Prerequisites: Upper Division Eligibility and ECON 2105 with a ‘C’ or better.

### ECON 4010. Applied Econometrics. 3-0-3 Units.
Standard econometric techniques are applied to various topics in economics. Techniques include models for cross-section data, such as limited dependent variable models, selectivity techniques, count data models, and models for panel data. Students will conduct statistical analyses and model evaluation. (S (Day))
Prerequisites: Upper Division Eligibility, BUSA 2050, BUSA 2850, BUSA 3050, or MATH 2200, all with a ‘C’ or better.

### ECON 4700. Independent Study Economics. 0-0-3 Units.
Provides students with on-site work experience in economics through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the economic internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade ‘B’ or Better), plus an additional 3 credit hours of upper division FINC or ECON, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

### Finance Courses

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINC 3056</td>
<td>Principles of Finance</td>
<td>3-0-3</td>
</tr>
</tbody>
</table>

Introduces students to financial management. Topics include the structure and analysis of financial statements, cash flow, time value of money, investment valuation, capital budgeting, long and short term financial decision making. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: Upper Division Eligibility, ACCT 2102, BUSA 2201 or CMAP 1301 all with a ‘C’ or better.
FINC 3101. Intermediate Corporate Finance. 3-0-3 Units.
The course introduces students to financial management. Topics include
the structure and analysis of financial statements, cash flow, financial
forecasting, determination of the cost of capital and the profitability of
proposed investments in fixed assets, portfolio theory, and risk return
tradeoffs that must be considered in using financial leverage. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.
FINC 3201. Investments. 3-0-3 Units.
Introduces financial assets and markets. Topics include an overview of
security types, the role of risk in asset pricing, the capital asset pricing
model, the efficient markets hypothesis, portfolio theory, characteristics
of mutual funds in retirement accounts, stock options, future contracts,
and valuation models for stocks and fixed income securities. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.
FINC 4112. Real Estate Finance. 3-0-3 Units.
Application of theoretical aspects of financial economics to explain
real estate financial institutions and markets. Financial and economic
methods are applied to residential and commercial real estate. Special
topics include real estate in a portfolio, agency problems, and the
influence of the legal environment. (F (Day))
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.
FINC 4201. Finance Case Studies. 3-0-3 Units.
Empirical case studies in corporate finance and investments. The modern
theories of corporate governance, capital structure, dividend policy, equity
valuation, debt financing, and international finance. (F (Day))
Prerequisites: Upper Division Eligibility, ECON 3112, FINC 3101 and
FINC 3201 all with a ‘C’ or better.
FINC 4301. Risk Management. 3-0-3 Units.
The types, payoff and pricing of derivative securities and contracts and
their application in managing financial risks faced by corporations.
Topics include options, forwards, futures and swaps; managing foreign
currency risk, interest rate risk, stock price risk, and commodity price risk;
and risk management techniques. (S (Day))
FINC 4560. Behavioral Science. 3-0-3 Units.
Introduces students to the theories and implications of behavioral
finance, market anomalies, and investor and corporate behavior.
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.
FINC 4700. Independent Study Finance. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more
current topics in finance in conjunction with an associated major project.
Students will be required to prepare a formal report and presentation of
the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and FINC 3056 with a ‘C’ or better.
FINC 4701. Finance Case Studies. 3-0-3 Units.
FINC 4800. Special Topics in Finance. 3-0-3 Units.
Examines current, relevant topics in field of Finance. Each special topics
course will cover a new current topic. (F, S, M)
Prerequisites: FINC 3056 and Upper Division Eligibility.
FINC 4900. Finance Internships. 0-0-3 Units.
Provides students with on-site work experience in finance through
a coordinated academic internship experience with a pre-approved
employer. A portfolio chronicling the work experience, a project relating
relevant academic literature to the finance internship experience, and
a final presentation encompassing the entire internship experience are
required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade ‘B’ or Better),
plus an additional 3 credit hours of upper division FINC, and 3 credit
hours of any upper division business course, all with a ‘C’ or better.

Logistics and Supply Chain Management

Bachelor of Business Administration

The Bachelor of Business Administration in Logistics and Supply Chain Management degree focuses on designing, managing, and improving networks through which organizations and individuals obtain, use, deliver, and dispose of material goods; acquire and distribute services; and make their offerings available to markets, customers, and clients. Reverse logistics flows include reuse, reclamation, and recycling of goods at the end of their product life. Managing these flows of goods and services within inter-connected global networks builds value for organizations. Students will prepare for careers in transportation, logistics, purchasing, production, and freight management, along an organization’s global supply chain, for jobs as a global commodities director, logistics manager, material flow coordinator, purchasing manager, strategic sourcing manager, and supply chain analyst.

Supply chain professionals oversee the process in which materials, information and finances flow from supplier to consumer. This process involves communication and collaboration between many organizations within the supply chain.

The need for supply chain management graduates continues to increase across the globe. Many organizations rely on LSCM graduates to create efficiency both inside and outside the organization. The responsibilities of a supply chain professional can include product development, sourcing, production management, logistics collaboration and information systems development. This program is offered as a night program.

Area A: Essential Skills

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<td>English Composition II</td>
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Area B: Institutional Options

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<tr>
<td>COMM 1110</td>
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<td>One of the following electives:</td>
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<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
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*Denotes a required course.
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<td>ENGL 2111</td>
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<td>ENGL 2112</td>
<td>World Literature II</td>
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<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
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<td>ENGL 2121</td>
<td>British Literature II</td>
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<td>ENGL 2130</td>
<td>American Literature I</td>
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<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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If only one ENGL course chosen, add one of the following: 0-3

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<tr>
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<tr>
<td>ARTS 1100</td>
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<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
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<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 1110</td>
<td>World Music</td>
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<td>MUSC 1120</td>
<td>American Music</td>
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<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives: 8

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<th>Course Code</th>
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<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System &amp; Astronomy of Solar Sys. Lab</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar &amp; Galactic Astronomy &amp; Stellar &amp; Galac. Astronomy Lab</td>
</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<td>BIOL 1224K</td>
<td>Entomology</td>
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<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
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<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<td>CHEM 1212K</td>
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<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
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<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
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<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
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<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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<td>PHYS 1112K</td>
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<td>PHYS 2211K</td>
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One of the following electives: 3-4

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2181</td>
<td>Applied Calculus</td>
</tr>
<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
</tr>
<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
</tr>
</tbody>
</table>

**Area E: Social Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States History since 1877</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics *</td>
</tr>
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</table>

One of the following electives: 3

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
</tr>
<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
</tr>
<tr>
<td>POLS 2101</td>
<td>Intro to Political Science</td>
</tr>
<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
</tr>
<tr>
<td>POLS 2301</td>
<td>Comparative Politics</td>
</tr>
<tr>
<td>POLS 2401</td>
<td>International Relations</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
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<tr>
<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<tr>
<td>PSYC 2103</td>
<td>Human Development</td>
</tr>
<tr>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<tr>
<td>SOCI 1160</td>
<td>Social Problems</td>
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**Business Core***

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BUSA 2055</td>
<td>Quantitative Analysis Bus Prob</td>
</tr>
<tr>
<td>BUSA 2060</td>
<td>Business Law</td>
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<tr>
<td>BUSA 2070</td>
<td>Business Ethics</td>
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<tr>
<td>BUSA 3301</td>
<td>Business Communications</td>
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<tr>
<td>BUSA 3351</td>
<td>International Business</td>
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<tr>
<td>BUSA 3701</td>
<td>Prof Development Seminar</td>
</tr>
<tr>
<td>FINC 3056</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>LSCM 3251</td>
<td>Principles of Supply Chain Mng</td>
</tr>
<tr>
<td>MARK 3010</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>MGIS 3351</td>
<td>Principles Mgmt Info Systems</td>
</tr>
<tr>
<td>MNGT 3051</td>
<td>Principles of Management</td>
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**Logistics and Supply Chain Management Core***

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>LSCM 4253</td>
<td>Integrated Material/Supply Chn</td>
</tr>
<tr>
<td>LSCM 4288</td>
<td>Logistics</td>
</tr>
<tr>
<td>LSCM 4503</td>
<td>Quality Management Systems</td>
</tr>
<tr>
<td>LSCM 4701</td>
<td>Global Strat Supply Chain Mng</td>
</tr>
<tr>
<td>MGIS 4580</td>
<td>Supply Chain Management System</td>
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**Logistics and Supply Chain Management Electives***

Choose two of the following electives: 6

<table>
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<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>BUSA 3532</td>
<td>Bus Analytics/Data Mining</td>
</tr>
<tr>
<td>BUSA 3360</td>
<td>Business Negotiation Skills</td>
</tr>
<tr>
<td>LSCM 4255</td>
<td>Business Process Simulations</td>
</tr>
<tr>
<td>MATH 4502</td>
<td>Statistics for Process Control</td>
</tr>
<tr>
<td>MGIS 3356</td>
<td>Database Management Systems</td>
</tr>
</tbody>
</table>

**Upper Division Electives***

Select any two 3000-4000 level Business course not already required or taken for degree program.

MATH 4502 is allowed for all business students as an upper division elective.
Courses

**LSCM 3251. Principles of Supply Chain Mng. 3-0-3 Units.**
Introduces students to an organization's resources and processes in its efforts to create products or services. The set of resources planned and managed includes the work force, equipment, materials and information. Topics include coverage of operations strategy and managing change, product design, process selection and planning, and controlling the supply chain. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2850 with a 'C' or better.

**LSCM 3257. Object Oriented Programming. 3-0-3 Units.**
Uses structured programming language for problems related to supply chain management. Emphasis is placed upon development of remote execution programming through LAMP paradigm. Topics include integrated use of operating systems, specialized server software, database and object oriented programming languages applied to problems related to supply chain management.(As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2201 with a 'C' or better.

**LSCM 4253. Integrated Material/Supply Chn. 3-0-3 Units.**
Examines the technology, tools, and practices of modern integrated materials sourcing and logistics. Topics include distribution requirements planning, continuous replenishment, just-in-time, and efficient replenishment. (S (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251 with a 'C' or better.

**LSCM 4255. Business Process Simulations. 3-0-3 Units.**
Covers the basics of computer simulation modeling and analysis of business processes in manufacturing and service industries. Course emphasis is on conceptualizing abstract models of real-world systems (for example, inventory or queuing systems), implementing simulations in Excel and special purpose software (ProModel), production planning and control simulation studies, experimental design, and analyzing simulation output. (F (Online))
Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251 both with a 'C' or better.

**LSCM 4256. Application Programming SCM. 3-0-3 Units.**
Combines database theory and techniques such as tables, queries, forms, reports, and sequential programming with optimization theory to create user friendly applications to support supply chain management. (As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2850 with a 'C' or better.

**LSCM 4287. Logistics. 3-0-3 Units.**
Examines the fundamental elements of channel systems and various institutions that utilize such systems. Distribution models that describe different industries will be investigated. These models will include ways to assess the legal environment and how price is impacted by channel relationships. (F (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251.

**LSCM 4580. Supply Chain Management System. 3-0-3 Units.**
Covers the major components of supply chain management systems that support the major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system.
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251, both with a 'C' or better.

**LSCM 4700. Independent Study LSCM. 0-0-3 Units.**
Supervised, in-depth individual research and study of one or more current topics in Logistics and Supply Chain Management in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project.(F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a 'C' or better.

**LSCM 4701. Global Strat Supply Chain Mngt. 3-0-3 Units.**
This course will provide students with current and emerging textbook theories about global SCM strategies along with participation in a cumulative live case study experience for the Operations and Supply Chain Management Major. Students will use the knowledge gained in the previous courses in Logistics and Supply Chain Management to develop operational strategies for business applications. The case project will allow students to solve practical problems at a manufacturing/service firm with faculty supervision. Student teams will address significant operational problems and identify improvement opportunities. Teams will write recommendation/implementation reports, oversee pilot/full-scale implementations when feasible, and make presentations of their work to faculty and members of the companies involved. (S (Evening))
Prerequisites: Upper Division Eligibility, have completed 9 hours of upper division coursework, completed or concurrently taking LSCM 4253, and LSCM 4288.

**LSCM 4800. Special Topics LSCM. 3-0-3 Units.**
Examines current, relevant topics in the field of Logistics and Supply Chain Management. Each special topics course will cover a new current topic.(F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a 'C' or better.

**LSCM 4900. LSCM Internship. 0-0-3 Units.**
Provides students with on-site work experience in Logistics and Supply Chain Management through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicles the work experience, a project relating relevant academic literature to the Operations Management internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.(F,S,M)
Prerequisites: Upper Division Eligibility, LSCM 3251 (Grade of 'B' or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a 'C' or better.
Management
Bachelor of Business Administration

The Bachelor of Business Administration in Management degree is designed to prepare graduates for leadership roles in any business setting. The academic program provides students the analytic and conceptual tools needed to successfully plan, organize, lead, control, and direct a variety of individuals, teams, units, and organizations to success. Competent managers are always in demand, making this the most popular business degree.

A management major is perfect for those who are born to lead. You'll learn how to gather and analyze financial data, interact with employees, manage workplace operations and develop solutions to grow any business.

If you're unsure of your career path, management is one of the most versatile majors. Management will prepare you for a variety of roles in any organization including employee and customer relations, finance, operations and business policy and strategy.

Career opportunities include Business Analyst, Business Manager, Compensation Specialist, Corporate Recruiter, Human Resources Managers, Project Manager, School Administrators and General Manager. This program is offered as a day and night program.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>Choose one MATH:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1111</td>
<td>College Algebra</td>
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</tr>
<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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Area B: Institutional Options

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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</tr>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
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<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
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<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<tr>
<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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<th>Course</th>
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<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
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<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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<tr>
<td>If only one ENGL course chosen, add one of the following:</td>
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</tr>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>MUSC 1110</td>
<td>World Music</td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>American Music</td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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Area D: Science/Mathematics/Technology

Eight Credit Hours of Lab Science Electives: 8

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<tr>
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<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
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<tr>
<td>&amp; 1010L</td>
<td>and Astronomy of Solar Sys. Lab</td>
<td></td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
<td></td>
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<tr>
<td>&amp; 1020L</td>
<td>and Stellar &amp; Galac. Astronomy Lab</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
<td></td>
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<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
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<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
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<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<td>CHEM 1212K</td>
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<td>GEOL 1121K</td>
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<td>GEOL 1122K</td>
<td>Historical Geology</td>
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<td>GEOL 1131K</td>
<td>Geography &amp; the Environment</td>
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<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
<td></td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
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Area E: Social Sciences

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</tr>
<tr>
<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
</tr>
</tbody>
</table>
Senior Requirement*

or taken for degree program.

Select any two 3000-4000 level Business course not already required

Upper Division Business Electives*

Choose three of the following electives:

Area F: Major Related * (2.25 GPA required.)

Choose three of the following electives:

Management Core* +

Courses

MNGT 3051. Principles of Management. 3-0-3 Units.
Introduces the basic concepts and processes of management including the study of the legal, social, and political environment with an emphasis on the behavioral perspectives in organizations. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and ECON 2105 with a ‘C’ or better.

MNGT 4053. Human Resource Management. 3-0-3 Units.
Presents theory and policy to perform the human resource function in modern organizations. Topics include EEO law and regulations, selection, recruitment, performance appraisal, compensation, training, and labor relations. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4253. Staffing & Talent Development. 3-0-3 Units.
Staffing & Talent Acquisition will explain the process by which organizations forecast employment needs, recruit potential employees, select high potential candidates from applicant pools, assess job performance levels, give feedback, train and develop existing employees, and deal with voluntary and involuntary turnover. Students will complete semester-long projects that include various technologies and tools used by HR professionals in the staffing process. Students will also be expected to synthesize, evaluate, and suggest improvements for activities/projects completed during the course.(As Needed)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4051. Entrepreneurship. 3-0-3 Units.
Explores the increasing importance of entrepreneurial activity and the steps necessary in starting a new business venture. Topics include the entrepreneurial personality; recognizing and testing business opportunities; developing the business concept; analyzing risk; and financing the new venture. Students design and present a business plan for a new venture. (F (Evening), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010 and FINC 3056, all with a ‘C’ or better.
Management Information Systems

MNGT 4602. Leadership. 3-0-3 Units.
Focuses on managerial leadership through a broad survey of theory, research and practice of leadership in formal organizations. The topic of leadership effectiveness is at the core of this class. (F (Evening), S (Day))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4605. Organizational Effectiveness. 3-0-3 Units.
Investigates formal organizations as social instruments and the means by which such organizations can become more effective. Topics include organization structure, the effects of structure, organizational growth, and the effects of environment and technology on organizational processes. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4612. Managing Effective Teams. 3-0-3 Units.
This course provides a structured approach to better understand how teamwork contributes to organizations, the conditions that make interactions between people and groups highly effective, particularly in a global and cross cultural environment, and how to best put this effectiveness to work. Team-related issues from both theory and practice to be discussed include how to avoid limiting pitfalls of teams, how to create a collaborative climate for team performance, the development of team members, and how to motivate team members. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051 with a ‘C’ or better.

MNGT 4700. Independent Study Management. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Management in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4701. Strategic Management. 3-0-3 Units.
Represents the capstone course in business. Presents theory and practice of strategic decision making within organizations in a case method format. Topics include environmental analysis, organizational direction, strategy formulation and implementation, strategic control, strategic management theory, research and concepts, environmental influences on business, and secondary research methodology. Students will be required to prepare and deliver an oral team analysis of a publicly-traded company, its industry, and its strategy. Must be taken at DSC in the student’s final semester. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010, FINC 3056, LSCM 3251, BUSA 3701, all with a ‘C’ or better.

MNGT 4800. Special Topics in Management. 3-0-3 Units.
Examines current, relevant topics in the field of management. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4900. Management Internship. 0-0-3-12 Units.
Provides students with on-site work experience in Management through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Management Systems internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MNGT 3051 (Grade of ‘B’ or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

Management Information Systems Bachelor of Business Administration

The Bachelor of Business Administration in Management Information System degree prepares graduates for challenging careers in computer programming, systems analysis, design, database administration, and end-user computing support. Careers in MIS are found throughout business, industry, and government.

Management information systems (MIS) is a natural fit if you’re looking to put your interest in technology to use professionally. The need for data analysts, database and web developers, software developers, and network professionals continues to increase as daily business becomes more dependent on technology.

Career opportunities include Big Data Analytics Specialist, Business Intelligence Analyst, Business Systems Analyst, Data Analyst, Interface Designer, IT Consultant, Software Engineer, Systems Analyst, and Web Developer. This program is offered as a night program.

Area A: Essential Skills

ENGL 1101 English Composition I 3
ENGL 1102 English Composition II 3
Choose one MATH: 3
MATH 1101 Intro to Mathematical Modeling
or MATH 1111 College Algebra
or MATH 1113 Precalculus Mathematics

Area B: Institutional Options

COMM 1110 Fundamentals of Speech * 3
One of the following electives: 1
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000 Natural Hazards
HIST 1050 Appalachian Hist-Special Topic
HIST 1051 Sports Hist & Amer Character
HIST 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See advisor)

Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6
ENGL 2000 Topics in Literature & Culture
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Area</th>
<th>Credits</th>
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<tbody>
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<td>ENGL 2111</td>
<td>World Literature I</td>
<td>ENGL</td>
<td>3</td>
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<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
<td>ENGL</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td>ENGL</td>
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<td>ENGL</td>
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<td>American Literature II</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
<td>ENGL</td>
<td>0-3</td>
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<td>ARTS 1100</td>
<td>Art Appreciation</td>
<td>Area D: Science/Mathematics/Technology</td>
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<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td>Area D: Science/Mathematics/Technology</td>
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<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
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<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<td>MUSC 1110</td>
<td>World Music</td>
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<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>Area E: Social Sciences</td>
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<td>HIST 2112</td>
<td>United States History since 1877</td>
<td>Area E: Social Sciences</td>
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<td>PHIL 1103</td>
<td>Intro to World Religions</td>
<td>Area E: Social Sciences</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<td>POLS 2201</td>
<td>State and Local Government</td>
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<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<td>POLS 2301</td>
<td>Comparative Politics</td>
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<td>POLS 2401</td>
<td>International Relations</td>
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<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
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<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<td>PSYC 2103</td>
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<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<td>SOCI 1160</td>
<td>Social Problems</td>
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<td>ACCT 2101</td>
<td>Principles of Accounting I</td>
<td>Business Core*</td>
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<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td>Business Core*</td>
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<tr>
<td>BUSA 2106</td>
<td>The Environment of Business</td>
<td>Business Core*</td>
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<td>BUSA 2201</td>
<td>Fundamentals of Computer Appli</td>
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<td>BUSA 2850</td>
<td>Business Statistics</td>
<td>Business Core*</td>
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<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td>Business Core*</td>
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<td>BUSA 3055</td>
<td>Quantitative Analysis Bus Prob</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>BUSA 3060</td>
<td>Business Law</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>BUSA 3070</td>
<td>Business Ethics</td>
<td>Management Information Systems Core*</td>
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<td>BUSA 3301</td>
<td>Business Communications</td>
<td>Management Information Systems Core*</td>
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<td>BUSA 3351</td>
<td>International Business</td>
<td>Management Information Systems Core*</td>
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<td>BUSA 3701</td>
<td>Prof Development Seminar</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>FINC 3056</td>
<td>Principles of Finance</td>
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<tr>
<td>LSCM 3251</td>
<td>Principles of Supply Chain Mng</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MARK 3010</td>
<td>Principles of Marketing</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 3351</td>
<td>Principles Mgmt Info Systems</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 3353</td>
<td>Principles of Management</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 3355</td>
<td>Management Application Prog I</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 3356</td>
<td>Management Applications Programming II</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 3357</td>
<td>Telecommunications Management</td>
<td>Management Information Systems Core*</td>
<td>3</td>
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<tr>
<td>MGIS 3358</td>
<td>Database Management Systems</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 4701</td>
<td>Systems Analysis &amp; Design</td>
<td>Management Information Systems Core*</td>
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<td>MNGT 4380</td>
<td>Project Management</td>
<td>Management Information Systems Core*</td>
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<tr>
<td>MGIS 3390</td>
<td>Management of IS Security</td>
<td>Upper Division MGIS Elective*</td>
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<tr>
<td>MGIS 4358</td>
<td>Web-based MIS</td>
<td>Upper Division MGIS Elective*</td>
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<tr>
<td>MGIS 4359</td>
<td>Databases: Big Data &amp; Analytics</td>
<td>Upper Division MGIS Elective*</td>
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<tr>
<td>MGIS 4700</td>
<td>Independent Study MGIS</td>
<td>Upper Division MGIS Elective*</td>
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<td>MGIS 4800</td>
<td>Special Topics in MIS</td>
<td>Upper Division MGIS Elective*</td>
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<tr>
<td>MGIS 4900</td>
<td>Mgmt Info System Internships</td>
<td>Upper Division MGIS Elective*</td>
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<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
<td>Upper Division Business Electives*</td>
<td>3</td>
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<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
<td>Upper Division Business Electives*</td>
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<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
<td>Upper Division Business Electives*</td>
<td>3</td>
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<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography</td>
<td>Upper Division Business Electives*</td>
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<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
<td>Upper Division Business Electives*</td>
<td>3</td>
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<tr>
<td>HIST 1112</td>
<td>World Civilization to 1500 CE</td>
<td>Upper Division Business Electives*</td>
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</table>

*Upper Division MGIS Elective* - Select one 3000-4000 level MGIS course not already required or taken toward degree program.
Students will have hands-on experience developing a database administration of database systems, and database technologies. Information systems and decision-making. Topics include database protocols, standards and management. Topics include transmission communications technologies, voice communications and data networks, providing an understanding of telecommunications and data networks, databases, the Internet, management reporting, software development, computer hardware, and information ethics. The course also examines the use of information systems for managerial decision-making and for gaining strategic advantage. Students will utilize basic programming concepts to develop a small application. (F, S, M)

Prerequisites: Upper Division Eligibility and MGIS 3351 with a ‘C’ or better.

MGIS 3352. Management Application Prog I. 3-0-3 Units.
Develops a knowledge of language and file structures for computer-based business applications using a major business procedural-oriented programming language. Students will write computer programs on individual and/or team projects. (F (Day & Evening), S (Day & Evening), M (Online))

Prerequisites: Upper Division Eligibility and BUSA 2201 with a ‘C’ or better.

MGIS 3353. Management Applications Programming II. 3-0-3 Units.
Emphasizes top-down design, structured techniques, testing and modularity. Emphasis placed on development of correct efficient programs that are easy to maintain. Includes problem analysis, program design, documentation, testing and debugging. Introduces application development using an object-oriented language. (S (Evening))

Prerequisites: Upper Division Eligibility and BUSA 2201 with a ‘C’ or better.

MGIS 3354. Telecommunications Management. 3-0-3 Units.
Provides an understanding of telecommunications and data communications technologies, voice communications and data networks, protocols, standards and management. Topics include transmission media, data communications, and voice and data technology. (F (Evening))

Prerequisites: Upper Division Eligibility and MGIS 3351 or concurrent.

MGIS 3356. Database Management Systems. 3-0-3 Units.
Focuses on the use of database systems in business to support information systems and decision-making. Topics include database concepts, data modeling, database design and development, administration of database systems, and database technologies. Students will have hands-on experience developing a database application. (F (Evening))

Prerequisites: Upper Division Eligibility; Corequisite: MGIS 3351.

MGIS 3390. Management of IS Security. 3-0-3 Units.
Provides a managerial overview of IS security and basic IS security principles while examining operational, technical, and administrative aspects of the topic. This course enables students to improve their IS security management skills and software proficiencies through a thorough investigation of the major concepts and techniques used in enterprise architecture and IS security. It also covers much of the common Body of Knowledge of the CISSP Exam. (F (Evening))

Prerequisites: Upper Division Eligibility and MGIS 3351 with a ‘C’ or better.

MGIS 4358. Web-based MIS. 3-0-3 Units.
Examines the process of developing business information systems with a significant web component. Topics include organizational considerations involved in developing and maintaining a web-enhanced MIS, and system considerations such as usability and other human-computer-interaction (HCI) issues, general and database web-design principles, and programming of web-enhanced systems. Students will develop a web site for a real or hypothetical organization. (S (Evening))

Prerequisites: Upper Division Eligibility and MGIS 3356, Corequisite: MGIS 3353.

MGIS 4360. Databases: Big Data & Analytics. 3-0-3 Units.
Provides an overview of database management systems for big data and analytics. Topics include an overview of analytics and related data requirements, data modeling, data management and an introduction to prominent types of database systems designed to support big data and analytics. Students will have hands-on experience with various database technologies. (S (Evening))

Prerequisites: Upper Division Eligibility and MGIS 3356 with a ‘C’ or better.

MGIS 4580. Supply Chain Management System. 3-0-3 Units.
Covers the major components of supply chain management systems that support major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system. (F (Evening))

Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251, MARK 3010, and MGIS 3351, all with a ‘C’ or better.

MGIS 4700. Independent Study MGIS. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in MIS in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)

Prerequisites: Upper Division Eligibility, and MGIS 3351 with a ‘C’ or better.

MGIS 4701. Systems Analysis & Design. 3-0-3 Units.
Examines the process of developing business information systems. Topics include requirements analysis and specification, systems modeling, and systems design techniques. Structured and object-oriented tools and techniques are introduced. A major component of the course is the analysis, design and development of a business system as a term project. (S (Evening))

Prerequisites: Upper Division Eligibility, MGIS 3352 and MGIS 3356 (formerly MGIS 4356), both with a ‘C’ or better.

MGIS 4800. Special Topics in MIS. 3-0-3 Units.
This special topics course for provides an overview of database management systems for big data and analytics. Topics include an overview of analytics and related data requirements, data modeling, data management and an introduction to prominent types of database systems designed to support big data and analytics. Students will have hands-on experience with various database technologies. (F, S, M)

Prerequisites: Upper Division Eligibility and MGIS 3351 with a ‘C’ or better.
Marketing

Bachelor of Business Administration

The Bachelor of Business Administration in Marketing degree is designed to give graduates a solid foundation in preparation for careers in marketing, professional sales, digital media, marketing management, sales marketing, marketing research, social media marketing, and promotion, for jobs as an Advertising Manager, Brand Manager, Marketing Manager, Sales Trainer, Social Media Analyst, and Marketing Researcher. The focus of the program is the development of marketing professionals knowledgeable about current as well as emerging marketing trends.

Marketers must know every aspect of a business and work with a wide variety of people to create and promote products to customers. It is a perfect career for people who have passion and creativity.

As a marketing major at the Wright School of Business (WSOB), you’ll have the opportunity to lead the WSOB social media sites and develop content as well as intern in local marketing companies or work with business start-ups. These experiences will help you build a strong resume of knowledge and skills for your marketing career. Marketing graduates are ready to move directly into lucrative sales or management training programs and are always in demand. This program is offered as a day program.

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
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<tr>
<td>Choose one MATH: *</td>
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<tr>
<td>MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<td>or MATH 1111</td>
<td>College Algebra</td>
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<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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Area B: Institutional Options

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<tr>
<th>Course</th>
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<tr>
<td>COMM 1110</td>
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<td>One of the following electives:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td>ENGL 1105</td>
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<td>Creative Writing</td>
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<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<td>Appalachian Hist-Special Topic</td>
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<td>Sports Hist &amp; Amer Character</td>
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<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<td>HUMAN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>HUMAN 1100</td>
<td>Political and Social Rhetoric</td>
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<td>HUMAN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<td>PRSP Elective (See advisor)</td>
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Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

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<tr>
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<td>Topics in Literature &amp; Culture</td>
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<td>World Literature I</td>
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<td>British Literature I</td>
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<td>ENGL 2130</td>
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<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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If only one ENGL course chosen, add one of the following: 0-3

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<tr>
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<td>HUMAN 1201</td>
<td>Expressions of Culture I</td>
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<td>Expressions of Culture II</td>
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<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<td>MUSC 1110</td>
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<td>MUSC 1120</td>
<td>American Music</td>
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<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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Area D: Science/Mathematics/Technology

Eight Credit Hours of Lab Science Electives: 8

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<tr>
<td>ASTR 1020</td>
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<tr>
<td>&amp; 1020L</td>
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<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<td>BIOL 1203K</td>
<td>Principles of Botany</td>
</tr>
<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
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<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
</tr>
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<td>Principles of Chemistry I</td>
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<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<tr>
<td>GEOL 1121K</td>
<td>Principles of Geology</td>
</tr>
<tr>
<td>GEOL 1122K</td>
<td>Historical Geology</td>
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<tr>
<td>GEOL 1131K</td>
<td>Geology &amp; the Environment</td>
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<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
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One of the following electives:* 3-4

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MATH 2181</td>
<td>Applied Calculus</td>
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<tr>
<td>MATH 2253</td>
<td>Calculus and Analytic Geom I</td>
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<tr>
<td>MATH 2254</td>
<td>Calculus and Analytic Geom II</td>
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Area E: Social Sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States History since 1877</td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics *</td>
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One of the following electives: 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography</td>
</tr>
<tr>
<td>GEOG 1101</td>
<td>Intro to Human Geography</td>
</tr>
</tbody>
</table>
MARK 3010. Principles of Marketing. 3-0-3 Units.
Provides a general survey of the field of marketing covering marketing channels, functions, methods and institutions. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2106 with a 'C' or better.

MARK 3011. Consumer Behavior. 3-0-3 Units.
Examines the fundamental activities and motives impacting consumer choice, use and disposal of products. Emphasis on end users rather than business customers. Topics include internal and external factors that influence consumer choice, marketing strategies that influence consumer choice, group dynamics and the organizational buying process, and global consumption trends. (F (Day & Evening))
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 3011. Consumer Behavior. 3-0-3 Units.
Examines the fundamental activities and motives impacting consumer choice, use and disposal of products. Emphasis on end users rather than business customers. Topics include internal and external factors that influence consumer choice, marketing strategies that influence consumer choice, group dynamics and the organizational buying process, and global consumption trends. (F (Day & Evening))
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 3012. Marketing Research & Analysis. 3-0-3 Units.
Examines the complex process involving buyers and sellers of products and services. Concentration on developing the sales skills required for creating effective exchanges and managing long-term relationships. (M (Online))
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 3015. Social Media Marketing. 3-0-3 Units.
Examines the unique differences in the marketing of services including the development and implementation of marketing strategies. Topics include consumer behavior in services marketing, the gaps model of service quality, the marketing mix for services, and demand and capacity management. (As Needed)
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 3016. Services Marketing. 3-0-3 Units.
Examines the complex process involving buyers and sellers of products and services. Concentration on developing the sales skills required for creating effective exchanges and managing long-term relationships. (M (Online))
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.
MARK 3570. Integrated Brand Promotion. 3-0-3 Units.
Focuses on understanding the role of the promotional element of the marketing mix. Topics include the various promotional tools, advertising strategy, creative strategy, the pros and cons of various media options, regulatory constraints and global considerations affecting a firm's effort toward effective marketing communication. (F (Day)) with a 'C' or better.
Prerequisites: Upper Division Eligibility and MARK 3010.

MARK 4121. Marketing Research & Analysis. 3-0-3 Units.
Focuses on the systematic approach to the application of research techniques and procedures for assessing markets. Topics include research design, questionnaire construction, data sources and collection, data analysis, data interpretation and reporting. (F (Day))
Prerequisites: Upper Division Eligibility, BUSA 2850, BUSA 3050, or MATH 2200 and MARK 3010, all with a 'C' or better.

MARK 4433. Social Media Marketing. 3-0-3 Units.
This course examines the changing role of social media in the promotional marketing mix, the role of the consumer in social media, online communities and how social media is impacting both marketing and consumer lifestyles. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 4480. Sports Marketing. 3-0-3 Units.
This course applies the theoretic foundations of marketing to the sports industry by investigating principles and processes in sports marketing and sales. The foci are on research and development, sport promotion, sport sponsorship, advertising, merchandising, distribution of sports goods, and career opportunities in the field of sports marketing. (F (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 4700. Independent Study Marketing. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in marketing in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 4701. Marketing Strategy. 3-0-3 Units.
Integrates marketing principles in the context of the decision making exercises related to customers, products, pricing, promotions, distribution and the laws regarding each of these topics. (S (Day))
Prerequisites: Upper Division Eligibility, MARK 3010 with a 'C' or better and an additional MARK course with a 'C' or better.

MARK 4800. Special Topics in Marketing. 3-0-3 Units.
Examines current, relevant topics in the field of marketing. Each special topics course will cover a new topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a 'C' or better.

MARK 4900. Marketing Internships. 0-0-3-6 Units.
Provides students with on-site work experience in Marketing through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Marketing internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MARK 3010 (Grade 'B' or Better), plus an additional 3 credit hours of upper division MARK, and 3 credit hours of any upper division business course all with a 'C' or better.
Prior to enrolling in EDUC 2110, EDUC 2120, EDUC 2130, candidates are required to submit proof of completion of the online mandated reporter training course. The course can be found at: https://www.prosolutiontraining.com/index.cfm (https://www.prosolutiontraining.com/). See School of Education website for specific details on the reporter training process. To date, this course is only required to be taken once.

**Ethics Assessment**

The Georgia Professional Standards Commission (PSC) has determined that ethics needs a more prominent place in teacher education programs in the state. As part of that determination, students will need to pass an ethics assessment prior to registering for EDUC 2110, EDUC 2120, and EDUC 2130. Students must pass this assessment with a 100%. This assessment is found on D2L/GA View.

**Elementary Education Baccalaureate Degree (B.S. Ed) Admission Requirements:**

Acceptance to the Professional Teacher Education Programs is a prerequisite to enrollment into the Professional Education courses. Eligibility requirements for teacher candidates seeking a B.S. degree in Elementary Education or a B.S. degree in Elementary Education with an endorsement in ESOL include the following:

- Completion of Area A-F Core Requirements in Elementary Education including the PHED requirement.
- Completion of Area A and Area F with grades of C or above.
- Grade point average of 2.7 cumulative in academic work.
- Completion of COMM 1110 and PSYC 1101 with a grade of C or above.
- Achieving a minimum passing score of the GACE (Georgia Assessments for the Certification of Educators®) Program Admissions Test (https://gace.ets.org (https://gace.ets.org/)) or provide evidence of exemption (SAT=1000 we will require the newly calibrated SAT score minimum of 1080 on score reports dated on or after July 1, 2019 or ACT=43 - scores must be completed and reported no later than 5 years before the teacher application deadline).
- Proof of professional liability insurance.
- Proof of completion of the mandated reporter training course.
- Complete an Ethics assessment found at ETS.com. The student does not need to have a passing score on this Ethics assessment; he/she simply completes the assessment.
- Completion of three recommendation letters; one letter MUST be from the EDUC 2110 instructor. (Recommendation form is provided in the School of Education application packet).
- After acceptance into the Professional Teacher Education Program, the student must apply for pre-service certification. This requires a background check completed by the GaPSC.

**Elementary Post-Baccalaureate Initial Certification Admission Requirements:**

Acceptance to the Professional Teacher Education Programs is a prerequisite to enrollment in the Professional Teacher Education courses. Eligibility requirements for potential teacher candidates seeking initial certification in Elementary Education or in Elementary Education with an endorsement in ESOL include the following:
• Grade point average of 2.7 cumulative in academic work.
• Achieving a minimum passing score of the GACE (Georgia Assessments for the Certification of Educators®) Program Admissions Test (https://gage.ets.org) or provide evidence of exemption (SAT=1000 we will require the newly calibrated SAT score minimum of 1080 on score reports dated on or after July 1, 2019 or ACT=43 - scores must be completed and reported no later than 5 years before the teacher application deadline).
• Proof of professional liability insurance.
• Proof of completion of the mandated reporter training course.
• Complete and pass an Ethics assessment found at ETS.com.
• Completion of three recommendation letters. (Recommendation form is provided in the School of Education application packet).
• After acceptance into the Professional Teacher Education Program, the student must apply for pre-service certification. This requires a background check completed by the GaPSC.

Admission Requirements for Secondary Education Certification - Biology, Chemistry, English, History, Mathematics:

Acceptance to the Secondary Professional Teacher Education program is a prerequisite to enrollment in the Secondary Professional Education courses. Eligibility requirements for teacher candidates seeking certification in Secondary Biology, Chemistry, English, History, or Mathematics include the following:

• Completion of Area A courses with grades of ‘C’ or above.
• Completion of a minimum of thirty (30) academic credit hours.
• Grade point average of 2.7 cumulative in academic work.
• Completion of COMM 1110 with a grade of ‘C’ or above.
• Completion of PSYC 1101 with a grade of ‘C’ or above.
• Grade of ‘C’ or above in EDUC 2110, EDUC 2120, and EDUC 2130.
• English majors: Completion of ENGL 3010 and (3) credit hours of 3000-level ENGL/HIST courses with grades of ‘C’ or above.
• History majors: Completion of HIST 3000 and (3) credit hours of 3000-level ENGL/HIST courses with grades of ‘C’ or above.
• Biology majors: Completion of BIOL 1107K and BIOL 1108K with grades of ‘C’ or above.
• Chemistry majors: Completion of CHEM 1211 and CHEM 1212 with grades of ‘C’ or above.
• Math majors: Completion of (8) credit hours; (MATH 2253, MATH 2254, and/or MATH 2255) with grades of ‘C’ or above.
• Achieving a minimum passing score of the GACE (Georgia Assessments for the Certification of Educators®) Program Admissions Test (https://gage.ets.org) or provide evidence of exemption (SAT=1000 we will require the newly calibrated SAT score minimum of 1080 on score reports dated on or after July 1, 2019 or ACT=43 - scores must be completed and reported no later than 5 years before the teacher application deadline).
• Proof of professional liability insurance.
• Proof of completion of the mandated reporter training course.
• Complete and pass an Ethics assessment found at ETS.com.
• Completion of two recommendation letters; one letter MUST be from the EDUC 2110 instructor. (Recommendation form provided in the School of Education application packet).
• Attendance in a Secondary Orientation meeting.

Education Blocks

Teacher Candidates enter the Elementary Education Professional Teacher Education Program in fall or spring semester in a cohort.

Secondary Education teacher candidates enter in fall semesters only. The professional programs are delivered in sequential blocks (semesters) until program completion. The block arrangement applies to both the Elementary Education program and Secondary Education programs. Block courses are taken concurrently and are connected through common field experience requirements. The block schedule and program guides are available via the School of Education website and the School of Education offices.

Field Experiences and Clinical Practice

Candidates enrolled in the Teacher Education Programs participate in field experiences and internship (student teaching) in public school classrooms appropriate to the candidate’s program of study and/or endorsement.

Practicum/Internship Fee

A fee is associated with field experiences and internship in the Professional Teacher Education Programs at Dalton State College. The student fee is $80.00 each semester, for a total of $320.00.* Student fees provide honoraria to school professionals who assist candidates in their field placements. The student fees also apply to some of the costs associated with supervision of clinical experiences. * Please note that fees and charges are subject to change.

LiveText Program Charge

The purchase of LiveText, an electronic data and field experience management program, is required with field experiences and internship in the Professional Teacher Education Programs at Dalton State College. The cost is a one-time charge of $139 in the first semester. LiveText purchase will occur during the Block I/PES I seminar course with the assistance of the Electronic Technology Center (ETC). * Please note that fees and charges are subject to change.

Retention in the Teacher Education Programs

Candidates must earn a grade of ‘C’ or above in all Teacher Education upper division courses and content area course work (Elementary, ESOL, READ, and Secondary) in order to continue into the next block of the Teacher Education program. Candidates must also meet the minimum ratings required on field assessments in the current block of which they are enrolled to continue in the Teacher Education program. Secondary candidates must complete the required minimum credit hours within their content area before they can move to PES IV. See program sheets for the minimum requirements.

Candidates must complete all required upper division professional education courses assigned to their program of study with a ‘C’ or above prior to entry into Internship (student teaching).

Certification

The DSC SOE certification officer recommends candidates for certification after the candidate has successfully completed all the program requirements and has achieved a passing score on GACE.
content tests in the candidate's field of preparation. The Georgia Professional Standards Commission (GaPSC) awards the professional educator certificates in the State of Georgia. Dalton State College teacher preparation programs in Elementary childhood (grades PK-5) and secondary education (grades 6-12) prepare our teacher candidates to attain this professional certification. The Secondary Education programs in biology, chemistry, English, history, and mathematics qualify candidates for certification to teach grades 6-12 in their specific content field. The completion of the coursework and field experiences for an ESOL endorsement prepares teacher candidates for an endorsement in English to Speakers of Other Languages (ESOL). ECE and secondary majors may take the coursework and field experiences for this endorsement. AUTISM SPECTRUM DISORDER: This credential can be earned by undergraduate teacher candidates seeking teaching induction and certified professionals who wish to gain knowledge in the area of teaching students with Autism Spectrum Disorders and are adding to existing teaching certifications. Other professionals from related fields who have specific interest in serving students with Autism Spectrum Disorders may also enroll in these classes.

**Education**

**Bachelor of Science in Elementary Education with Optional ESOL Endorsement**

Dalton State College provides a premier education program that is committed to preparing competent, collaborative, reflective and caring teachers who can bring diverse learners to high academic achievement and who contribute significantly to their school environments. The Teacher Education program in Elementary Education (B.S.Ed) prepares teacher education candidates to become certified in teaching children grades pre-kindergarten through fifth grade. The ESOL endorsement prepares teacher education candidates to teach English-language learners in the grade levels in which the graduate becomes certified. The ESOL endorsement also prepares teacher education candidates to meet the needs of English Language Learners in regular classrooms. Acceptance to the Elementary Teacher Education (B.S.Ed) program is required for enrollment in the blocked sequence of professional courses.

**Area A: Essential Skills**

Grades of C or better required. Prerequisite for EDUC 2110, 2120, and 2130.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<td>ENGL 1102</td>
<td>English Composition II</td>
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<tr>
<td>MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<td>or MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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**Area B: Institutional Options**

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<td>COMM 1110</td>
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<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
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<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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**Area D: Science/Mathematics/Technology**

Eight Credit Hours of Lab Science Electives: 8

<table>
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<tr>
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<tbody>
<tr>
<td>ASTR 1010</td>
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<td>ASTR 1010L</td>
<td>Astronomy of Solar Sys. Lab</td>
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<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
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<tr>
<td>ASTR 1020L</td>
<td>Stellar &amp; Galac. Astronomy Lab</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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</tr>
<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies (Prerequisite for ISCI 2001)</td>
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</tr>
<tr>
<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
<td></td>
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<tr>
<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
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<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
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<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td></td>
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<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<td>GEOL 1121K</td>
<td>Principles of Geology</td>
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<td>PHYS 2212K</td>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
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<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
<td></td>
</tr>
</tbody>
</table>
 Prior to enrollment in EDUC 2110, EDUC 2120, and EDUC 2130, students must have taken PSYC 1101, COMM 1110, and Area A courses with grades of C or better. Approved Background check, proof of Professional Liability Insurance, completion of the mandated reporter training course, and a passing score on an Ethics assessment are also required.

EDUC 2110  Investig Critical/Contem Issue (Includes 10 hrs of practicum)  3
EDUC 2120  Exp Socio-Cultural Persp (Includes 10 hrs of practicum)  3
EDUC 2130  Exploring Learning/Teaching (Includes 10 hrs of practicum)  3
MATH 2008  Found of Numbers & Operations  3
ISCI 2001  Life and Earth Sciences  3
ISCI 2002  Integrated Physical Sciences  3

**Physical Education**

PHED Activity Elective  1

### Professional Education

#### Area E: Social Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
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</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology *</td>
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One of the following electives:  3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
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<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
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<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
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<tr>
<td>GEOG 1100</td>
<td>Introduction to Geography (Recommended)</td>
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<td>GEOG 1101</td>
<td>Intro to Human Geography (Recommended)</td>
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<tr>
<td>GEOG 1111</td>
<td>Intro to Physical Geography (Recommended)</td>
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<tr>
<td>HIST 1111</td>
<td>World Civilization to 1500 CE</td>
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<td>HIST 1112</td>
<td>World Civilization since 1500</td>
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<td>United States History to 1877</td>
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<td>United States Hist since 1877</td>
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<td>PHIL 1103</td>
<td>Intro to World Religions</td>
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<td>PHIL 2010</td>
<td>Intro to Philosophical Issues</td>
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<td>PHIL 2020</td>
<td>Logic and Critical Thinking</td>
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<td>POLS 2101</td>
<td>Intro to Political Science</td>
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<tr>
<td>POLS 2201</td>
<td>State and Local Government</td>
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<td>POLS 2301</td>
<td>Comparative Politics</td>
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<tr>
<td>POLS 2401</td>
<td>International Relations</td>
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<tr>
<td>PSYC 2101</td>
<td>Psychology of Adjustment</td>
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<tr>
<td>PSYC 2103</td>
<td>Human Development</td>
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<tr>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
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<tr>
<td>SOCI 1160</td>
<td>Social Problems</td>
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</table>

**Area F: Major Related - Required for Acceptance to the Education Program (Grades of C or better required.)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDUC 3101</td>
<td>Teaching Diverse Learners (ECE)</td>
<td></td>
</tr>
<tr>
<td>EDUC 3271</td>
<td>Classroom Management</td>
<td></td>
</tr>
<tr>
<td>MATH 3803</td>
<td>Algebra for P-8 Teachers (Optional for Summer Block)</td>
<td></td>
</tr>
<tr>
<td>EDUC 3287</td>
<td>Curriculum and Assessment</td>
<td></td>
</tr>
<tr>
<td>EDUC 3263</td>
<td>Teach Cont &amp; Proc: Lang Arts Ed</td>
<td></td>
</tr>
<tr>
<td>EDUC 3285</td>
<td>Professional Sem Block I (2 days per week field experience)</td>
<td></td>
</tr>
</tbody>
</table>

**Block II**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESOL 4240</td>
<td>Appl Ling for Teachers of ESOL</td>
<td></td>
</tr>
<tr>
<td>READ 3260</td>
<td>Learning to Read PK-2</td>
<td></td>
</tr>
<tr>
<td>EDUC 3260</td>
<td>Elementary Math Principle PK-2</td>
<td></td>
</tr>
<tr>
<td>EDUC 4261</td>
<td>Teach Cont &amp; Proc: Soc Stu Edu</td>
<td></td>
</tr>
<tr>
<td>MATH 3703</td>
<td>Geometry for P-8 Teachers (Optional for Summer Block)</td>
<td></td>
</tr>
<tr>
<td>EDUC 3286</td>
<td>Professional Seminar Block II (2 days per week field experience)</td>
<td></td>
</tr>
</tbody>
</table>

**Summer Semester Block**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 3251</td>
<td>Children’s Literature (Only offered during Summer Block)</td>
<td></td>
</tr>
<tr>
<td>ESOL 4242</td>
<td>Culture and Education (Required for ESOL Endorsement, only offered during the summer)</td>
<td></td>
</tr>
</tbody>
</table>

**And/or one of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3803</td>
<td>Algebra for P-8 Teachers (Optional for Summer Block)</td>
<td></td>
</tr>
<tr>
<td>MATH 3703</td>
<td>Geometry for P-8 Teachers (Optional for Summer Block)</td>
<td></td>
</tr>
<tr>
<td>MATH 4713</td>
<td>Prob &amp; Stat for P-8 Teachers (Optional for Summer Block)</td>
<td></td>
</tr>
<tr>
<td>EDUC 3214</td>
<td>Expl Act in PE, Art &amp; Music (Optional for Summer Block)</td>
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</table>

**Block III**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDUC 4250</td>
<td>Elementary Math Principles 3-5</td>
<td></td>
</tr>
<tr>
<td>EDUC 4262</td>
<td>Teach Cont &amp; Proc: Sci Educ</td>
<td></td>
</tr>
</tbody>
</table>
Post-Bacc: Initial Certification in Elementary Education with Optional ESOL Endorsement

Dalton State College provides a premier education program that is committed to preparing competent, collaborative, reflective and caring teachers who can bring diverse learners to high academic achievement and who contribute significantly to their school environments. The Post-Baccalaureate Initial Certification Teacher Education program in Elementary Education prepares teacher education candidates who have received a Bachelor's degree from an accredited college in a field other than education, to become certified in teaching children grades pre-kindergarten through fifth grade. The ESOL endorsement prepares teacher education candidates to teach English-language learners in the grade levels in which the graduate becomes certified. This program is offered as a full time, day time program. Prerequisites for acceptance in to the Teacher Education Program include: overall cumulative GPA of 2.7, passing scores on the GACE Program Admissions Tests or provide evidence of exemption (SAT = 1000 we will require the newly calibrated SAT score minimum of 1080 on score reports dated on or after July 1, 2019 or ACT = 43 or GRE= 1030, if before 8/1/2011 or GRE = 291, if after 8/1/2011 - scores must be completed and reported no later than 5 years before the teacher application deadline), proof of approved background check, proof of professional liability insurance, proof of completion of the mandated reporter training course and a passing Ethics Assessment. Acceptance in to the Teacher Education Post-Baccalaureate Initial Certification program is required before enrollment in the blocked sequence of professional courses.

Professional Education

<table>
<thead>
<tr>
<th>Block I</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 3101</td>
<td>13-16</td>
</tr>
<tr>
<td>EDUC 3271</td>
<td></td>
</tr>
<tr>
<td>MATH 3803</td>
<td></td>
</tr>
<tr>
<td>EDUC 3287</td>
<td></td>
</tr>
<tr>
<td>EDUC 3263</td>
<td></td>
</tr>
<tr>
<td>EDUC 3285</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Block II</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 3214</td>
<td></td>
</tr>
<tr>
<td>EDUC 4286</td>
<td></td>
</tr>
<tr>
<td>EDUC 4289</td>
<td></td>
</tr>
</tbody>
</table>

* COMM 1110 and PSYC 1101 are prerequisites for EDUC 2110, EDUC 2120, and EDUC 2130. Grade of C or better required.

Secondary Education

Admission Requirements for Secondary Education Certification - Biology, Chemistry, English, History, Mathematics:

Acceptance to the Secondary Professional Teacher Education program is a prerequisite to enrollment in the Secondary Professional Education courses. Eligibility requirements for teacher candidates seeking certification in Secondary Biology, Chemistry, English, History, or Mathematics include the following:

- Completed application for admission to the Teacher Education program by the posted date.
- Completion of Area A courses with grades of 'C' or above.
- Completion of a minimum of thirty (30) academic credit hours.
- Grade point average of 2.7 cumulative in academic work.
- Completion of COMM 1110 with a grade of 'C' or above.
• Completion of PSYC 1101 with a grade of ‘C’ or above.
• Grade of ‘C’ or above in EDUC 2110, EDUC 2120, and EDUC 2130.
• English/History: Completion of (6) content curriculum courses with a grade of C or above OR
• Biology/Chemistry/Math: Completion of (8) content curriculum courses with a grade of C or above
• Achieving a minimum passing score of the GACE (Georgia Assessments for the Certification of Educators®) Program Admissions Tests (www.gace.ets.org) or provide evidence of exemption.
  Exemption from GACE may be granted with the following scores: SAT = 1000; we will require the newly calibrated SAT score minimum of 1080 on score reports dated on or after July 1, 2019 or ACT = 43 - scores must be complete and reported no later than 5 years before the teacher education application deadline.
• Signed schedule of courses form.
• Proof of professional liability insurance.
• Proof of completion of the mandated reporter training course.
• Initial teaching candidates must pass the Georgia Education Ethics Assessment (Test 360) for the pre-service certificate, prior to program admission.
• Completion of two recommendation letters (Recommendation form provided by the School of Education. One recommendation MUST be from the EDUC 2110 instructor.)
• After acceptance into the Professional Teacher Education Program, the student must apply for a pre-service certification. This requires a background check completed by the GaPSC.

B.A. in English (Secondary Certification Option) (p. 185)
The Bachelor of Arts degree with a major in English (Secondary Certification Option) includes a focus on multiculturalism and diversity and prepares students to complete the requirements for teaching English at the secondary education level.

B.A. in History (Secondary Certification Option) (p. 195)
The Bachelor of Arts degree with a major in History (Secondary Certification Option) is designed to prepare graduates for careers teaching history at the secondary education level. This degree is designed to produce academically capable graduates who possess critical thinking skills and knowledge outlined in the General Education Outcomes of Dalton State College.

B.S. in Biology (Secondary Certification Option) (p. 153)
The Bachelor of Science degree with a major in Biology (Secondary Certification Option) is designed to prepare graduates for teaching careers at the secondary education level.

B.S. in Chemistry (Secondary Certification Option) (p. 161)
The Bachelor of Science degree with a major in Chemistry (Secondary Certification Option) is designed to prepare graduates for teaching careers at the secondary education level.
### SCHOOL OF HEALTH PROFESSIONS

#### Bachelor's
- Health and Wellness (p. 238), B.S.
- Organizational Leadership (p. 240), B.S.
- RN-BSN (p. 242)
- Respiratory Therapy (p. 245), B.S.
- Social Work (p. 248), B.S.W.

#### Minor
Health and Wellness (p. 86)

#### Associate of Science
- General Studies, Nursing, Transfer Pathway ([link](http://catalog.daltonstate.edu/associatedegree/associatedegreenursingtransfer/))
- General Studies, Respiratory Therapy Pathway ([link](http://catalog.daltonstate.edu/associatedegree/associatedegreeresptherapypathway/))

#### Associate of Science in Nursing
- Nursing, (Registered Nursing) (p. 108)

#### Associate of Applied Science
- Medical Laboratory Technology (p. 122)
- Radiologic Technology (p. 131)
- Respiratory Therapy (p. 136)

#### Certificates
- LPN (p. 143)

#### Mini-Certificates
- Phlebotomy (p. 146)

#### Health and Wellness

### BACHELOR OF SCIENCE
The Bachelor of Science in Health and Wellness program will provide students with a broad understanding of health and wellness trends, concepts, and public health in America

The program will require a foundation in the core curriculum in order to prepare students for major field courses related to health sciences, policy, leadership and fitness.

#### Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
<td></td>
</tr>
<tr>
<td>or MATH 1111</td>
<td>College Algebra</td>
<td></td>
</tr>
<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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</table>

#### Area B: Institutional Options

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>Choose one of the following:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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</tr>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
<td></td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
<td></td>
</tr>
<tr>
<td>GEOI 1000</td>
<td>Natural Hazards</td>
<td></td>
</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
<td></td>
</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
<td></td>
</tr>
<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts (Recommended)</td>
<td></td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
<td></td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
<td></td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America (Recommended)</td>
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PRSP Elective (See advisor)

#### Area C: Humanities/Fine Arts

Choose one to two ENGL course(s): 3-6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
<td></td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
<td></td>
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</table>

If only one ENGL course chosen, add one of the following: 0-3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
<td></td>
</tr>
<tr>
<td>HUMN 1201</td>
<td>Expressions of Culture I</td>
<td></td>
</tr>
<tr>
<td>HUMN 1202</td>
<td>Expressions of Culture II</td>
<td></td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
<td></td>
</tr>
<tr>
<td>MUSC 1110</td>
<td>World Music</td>
<td></td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>American Music</td>
<td></td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
<td></td>
</tr>
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</table>

#### Area D: Science/Mathematics/Technology

One of the following Laboratory Science Sequences: 8

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 1107K &amp; BIOL 1108K</td>
<td>Principles of Biology I and Principles of Biology II</td>
<td></td>
</tr>
<tr>
<td>CHEM 1211K &amp; CHEM 1212K</td>
<td>Principles of Chemistry I and Principles of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>PHYS 1111K &amp; PHYS 1112K</td>
<td>Introductory Physics I and Introductory Physics II</td>
<td></td>
</tr>
<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
<td>3</td>
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#### Area E: Social Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2111</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 2112</td>
<td>United States Hist since 1877</td>
<td></td>
</tr>
<tr>
<td>POLS 1101</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
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</table>

Choose one elective: 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1103</td>
<td>Intro to Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>
Courses

HLTH 1030. Health and Wellness Concepts. 1-0-1 Unit.
Introduces personal responsibility for health and wellness and provides information and strategies that can be adopted. Covers topics such as wellness assessment, self-managed behavior, physical fitness, nutrition, weight control, stress management. This course does not satisfy the physical activity requirement.
Prerequisites: READ 0098, unless exempt.

HLTH 2000. Personal Health & Wellness. 3-0-3 Units.
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.

HLTH 2005. Responding to Emergencies. 3-0-3 Units.
This course is directed towards those seeking advanced first aid training for schools and communities. It offers American Red Cross certification in CPR for the Professional Rescuer, First Aid and Automated External Defibrillation. This course can train and certify students majoring in various health care, education, criminal justice and general studies curriculums. Also offered as an elective for the minor in Health and Wellness program.

HLTH 2500. Interpersonal Health/Relations. 3-0-3 Units.
Examines the research on developing and maintaining healthy interpersonal relationships. Emphasis will be placed on promoting positive interactions and productive versus non-productive conflict management.

HLTH 3000. Coping/Stress Mgt/Life Satisf. 3-0-3 Units.
Provides a holistic approach overviewing the basic principles, theories, and techniques for effectively coping with and managing personal stress. Emphasis will be placed on prevention of stress and application of the research on coping and life satisfaction.

HLTH 3001. Personal Health and Wellness. 3-0-3 Units.
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.

HLTH 3250. Careers in Health and Wellness. 3-0-3 Units.
Examines career opportunities for health and wellness majors. Topics include an examination of the health and wellness major, preparation for employment with a focus on the skills employers seek, developing the skills necessary for obtaining employment, and enhancing marketability. Students will complete career inventories and guest speakers from the health professions in the community will be invited to share information about their careers, work experiences, and hiring preferences.
HLTH 3500. Health Aspects/Human Sexuality. 3-0-3 Units. Examines health issues associated with sex roles, values, gender, sexual orientation, sexual behavior, sexual problems and other issues related to sexual behavior and sexuality. Pre-requisite: HLTH 2500 Interpersonal Health and Relationships

HLTH 3750. Nutrition, Healthy Eat & Wt Maint. 3-0-3 Units. Principles of nutrition, diet therapy and knowledge of food preparation. Course includes the basic nutrients necessary for human health, digestion and absorption of key nutrients, relationship between nutrition and physical fitness for weight management, food safety and sanitation, nutrition needs as related to the life cycle and health conditions, disorders and diseases related to nutrition. Pre-requisite: HLTH 3001, Personal Health and Wellness.

HLTH 4000. Motiv Aspects of Hlth Beh Chng. 3-0-3 Units. Provides an introduction to the study of health behavior change. Theoretical models for behavior change will be explored and applied. Emphasis will be placed on prevention of stress and application of the research on coping and life satisfaction.

HLTH 4100. Motivation Health Behav Change. 3-0-3 Units. Provides an introduction to the study of health behavior change. Theoretical models for behavior change will be explored and applied. Emphasis will be placed on application of theory for the enhancement of community health and for individual well-being.

HLTH 4250. Core Concepts & Iss in Fitness. 3-0-3 Units. An introduction to basic scientific knowledge and practical experience in the principles, assessment, and development of total well-being through health-related physical fitness and lifestyle management techniques. Major topics will include: cardiovascular endurance, muscular endurance, muscular strength, flexibility, body composition, and nutrition. Pre-requisite: HLTH 3001 – Personal Health and Wellness

HLTH 4300. Community Health. 3-0-3 Units. Provides an introduction to community health. Students will develop an understanding of historical and theoretical foundations of community health and major societal health concerns; explore community health models and programs used to address these concerns; and examine racial/ethnic, cultural, and social determinants of health. This course will also provide an introduction to public health program planning and evaluation in the context of community health providing a review of factors that influence as well as improve the health of communities. Pre-requisite: HLTH 4100 – Motivation for Health Behavior Change

HLTH 4500. Special Topics Health/Wellness. 3-0-3 Units. This course will address Special Topics: Films on Health and Wellness Issues.

HLTH 4750. Coaching & Leadership. 3-0-3 Units. The course provides an overview of the concepts that are essential in the preparation of sport coaches. Students will evaluate the current theoretical perspectives in the field of sport psychology and critically evaluate the current research in coaching sports. Topics include developing a coaching philosophy, evaluating theories in motivation, understanding team dynamics, communicating effectively, and improving player performance. Pre-requisite: HLTH 4250 – Core Concepts and Issues in Fitness

HLTH 4850. Sr. Sem Capstone in Hlth&Welln. 3-0-3 Units. This course is the capstone experience for students completing the program requirements for the Bachelor of Science in Health and Wellness. Course topics include trends in health and wellness, professional ethics, diversity issues, marketplace needs, and employment strategies. Pre-requisite: senior status as a Health and Wellness major

HLTH 4900. Practicum/Internship Hlth&Well. 0-0-3-6 Units. Practicum experiences may be completed in selected health care work environments: public health departments, clinics, hospitals, not-for-profit organizations, community, or commercial settings. The practicum is a supervised experience in several role specialization areas. The general purpose of the practicum is to give students an opportunity to implement the theories and principles acquired in class, develop professional competencies, and to experience diverse working situations. The practicum implies a team relationship among the student, the cooperating administrator and the college practicum supervisor. Pre-requisite: senior status as a Health and Wellness major

Organizational Leadership Bachelor of Science

The online Bachelor of Science in Organizational Leadership will focus on the practices, theories, issues, parameters, and specific ramifications of organizational leadership. The program is ideal not only for traditional students who wish to take advantage of online course delivery but also for working professionals, military members, transfer students and others seeking alternative routes to degree completion.

Students in the program must declare a concentration in one of the following areas:

- Health Care Administration
- Office Administration and Technology
- Public Service Administration

https://emajor.usg.edu/

Area A: Essential Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1101 or MATH 1111</td>
<td>Intro to Mathematical Modeling</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
<td>3</td>
</tr>
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</table>

Area B: Institutional Options*

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1100</td>
<td>Human Communications</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from the following (one or two as required*): 1-2

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
</tr>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
</tr>
<tr>
<td>ETEC 1101</td>
<td>Elec Tech in Educ Enviro (2 credit hours)</td>
</tr>
<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<td>Political and Social Rhetoric</td>
</tr>
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<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
</tr>
<tr>
<td>PRSP Elective</td>
<td>(See advisor)</td>
</tr>
</tbody>
</table>

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s):

- ENGL 2000 | Topics in Literature & Culture |
- ENGL 2111 | World Literature I |
- ENGL 2112 | World Literature II |
- ENGL 2120 | British Literature I |
- ENGL 2121 | British Literature II |
- ENGL 2130 | American Literature I (eCore's ENGL 2131) |
- ENGL 2131 | American Literature II (eCore's ENGL 2132) |
- ENGL 2201 | Intro to Film as Literature |

If only one ENGL course chosen, add one of the following:

- ARTS 1100 | Art Appreciation |
- HUMN 1201 | Expressions of Culture I |
- HUMN 1202 | Expressions of Culture II |
- MUSC 1100 | Music Appreciation |
- MUSC 1110 | World Music |
- MUSC 1120 | American Music |
- THEA 1100 | Theatre Appreciation |

**Area D: Science/Mathematics/Technology**

Choose one Lab Science Elective:

- ASTR 1010 | Astronomy of the Solar System & 1010L Astronomy of Solar Sys. Lab |
- ASTR 1020 | Stellar and Galactic Astronomy & 1020L Stellar & Galac. Astronomy Lab |
- BIOL 1105K | Environmental Studies |
- BIOL 1107K | Principles of Biology I |
- or BIOL 1011K | Introduction to Biology |
- BIOL 1108K | Principles of Biology II |
- BIOL 1203K | Principles of Botany |
- BIOL 1224K | Entomology |
- CHEM 1151K | Survey of Chemistry |
- CHEM 1211K | Principles of Chemistry I |
- CHEM 1212K | Principles of Chemistry II |
- ENVS 2202 | Environmental Sciences ** |
- GEOL 1011K | Intro Geosciences I |
- GEOL 1121K | Principles of Geology |
- GEOL 1122K | Historical Geology |
- PHYS 1111K | Introductory Physics I |
- PHYS 1112K | Introductory Physics II |
- PHYS 2211K | Principles of Physics I |
- PHYS 2212K | Principles of Physics II |
- MATH 1113 | Precalculus Mathematics |
- MATH 1401 | Elementary Statistics |
- MATH 2181 | Applied Calculus |
- MATH 2253 | Calculus and Analytic Geom I |
- or MATH 1501 | Calculus I |
- MATH 2254 | Calculus and Analytic Geom II |

Choose one elective:

- CMPS 1301 | Principles of Programming I |
- CMPS 1302 | Principles of Programming II |
- MATH 2101 | Intro to Linear Algebra |
- MATH 2102 | Calculus I |
- MATH 2211 | Calculus II |
- MATH 2221 | Calculus III |
- MATH 2212 | Calculus IV |
- MATH 2253 | Calculus and Analytic Geom I |
- or MATH 1501 | Calculus I |
- MATH 2254 | Calculus and Analytic Geom II |

**Area E: Social Science**

Choose two electives:

- HIST 2111 | United States History to 1877 |
- or HIST 2112 | United States History since 1877 |
- POLS 1101 | American Government |

Choose two electives:

- ANTH 1103 | Intro to Cultural Anthropology |
- ECON 2105 | Principles of Macroeconomics |
- ECON 2106 | Principles of Microeconomics |
- GEOG 1100 | Introduction to Geography |
- GEOG 1101 | Intro to Human Geography |
- GEOG 1111 | Intro to Physical Geography |
- HIST 1111 | World Civilization to 1500 CE |
- HIST 1112 | World Civilization since 1500 |
- HIST 2111 | United States History to 1877 |
- HIST 2112 | United States History since 1877 |
- PHIL 1103 | Intro to World Religions |
- PHIL 2010 | Intro to Philosophical Issues |
- PHIL 2020 | Logic and Critical Thinking |
- PSYC 1101 | Introduction to Psychology |
- PSYC 2101 | Psychology of Adjustment |
- PSYC 2103 | Human Development |
- SOCI 1101 | Introduction to Sociology |
- SOCI 1160 | Social Problems |

**Area F: Major Related**

Choose one Lab Science Elective:

- ASTR 1010 | Astronomy of the Solar System |
- ASTR 1020 | Stellar and Galactic Astronomy |
- BIOL 1105K | Environmental Studies |
- BIOL 1107K | Principles of Biology I |
- or BIOL 1011K | Introduction to Biology |
- BIOL 1108K | Principles of Biology II |
- BIOL 1203K | Principles of Botany |
- BIOL 1224K | Entomology |

Choose two electives:

- ORGL 1100 | Leadership in Global Society |
- ORGL 1500 | Profiles of Leaders |
- ORGL 2100 | Writing for Leadership |
- ORGL 2601 | Intro to Public Administration |
- ORGL 2800 | Ethics and Leadership |
- ORGL 2900 | Progr & Policy Eval for Leaders |

**MAJOR RELATED COMMON CORE**

- ORGL 2050 | Communication for the Workplace |
ORGL 3400  Technology for Organizations  3
POLS 4218  Project Mgmt in Public Sector  3
ENGL 3405  Professional/Technical Writing  3
POLS 4200  Principles of Public Admin  3
POLS 4219  Public Human Resource Mgmt  3
POLS 4204  Public Finance  3
POLS 3200  Organizational Development  3
POLS 3000  Reflective Seminar I  1
POLS 3050  Reflective Seminar II  1
POLS 4000  Reflective Seminar III  1
ORGL 4690  Capstone Seminar  3

**CHOOSE ONE CONCENTRATION**

<table>
<thead>
<tr>
<th>Area B</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORGL 4690</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4204</td>
<td>3</td>
</tr>
</tbody>
</table>

**NOTE:** Concentration must be declared through the Registrar’s Office.

### Health Care Administration Concentration

- HADM 3301  Health Care Organizations
- HADM 3302  Health Care Economics
- HADM 3303  US Health Care Systems
- HADM 3304  Health Care Communication
- HADM 4301  Designing Health Comm Mgs
- HADM 4401  Health Care Compliance
- HADM 4402  Health Information Mgmt
- HADM 4403  Healthcare Ethics and Law

### Office Administration & Technology Concentration

- OATC 3150  Computer Operating Systems
- OATC 3610  Web Design & Multimedia
- OATC 3700  Desktop Publishing
- OATC 4020  Virtual Office Technology
- OATC 4810  Contemporary Skills
- OATC 4160  Admin Office Procedures

### Public Service Administration Concentration

- POLS 3201  Public Policy
- POLS 3601  Political Science Methods II
- POLS 4202  Interorganizational Behavior
- POLS 4210  Modern Public Management
- POLS 4215  Mgmt Non-Profit Organizations
- POLS 4217  Grant Writing Non-Profit Organ
- POLS 4220  Administrative Law & Govt
- POLS 4221  Govt Organization & Adm Theory
- COMM 3330  Advanced Communication Skills
- PHIL 4120  Professional Ethics
- ORGL 4900  Internship

### GENERAL ELECTIVES

Any degree level course chosen in conjunction with the advisor. **18**

These classes are to be directly applicable to the career or educational plans of the student. General electives can be used toward a minor if one is declared. Grade of C or better required. ***

**Total Hours** 120-122

* If 11 credit hours are taken in Area D, 4 credit hours are required in Area B. If 10 credit hours are taken in Area D, 5 credit hours are required in Area B.

** BIOL 1105K and ENVS 2202 are equivalent courses; only one will apply towards degree.

*** BUSA 2201 (formerly MGIS 2201), CAPS 1101, and the formerly offered ACED 2400 are equivalent courses. No more than one may be counted toward degree completion.

https://emajor.usg.edu/degrees/organizational-leadership/

### Nursing, RN-BSN

#### Bachelor of Science in Nursing Admission Criteria

The RN-BSN program at Dalton State College participates in the Georgia RN-BSN Articulation Plan developed by collaborative efforts of ASN and BSN nursing educators. The program is accredited by the Accreditation Commission for Education in Nursing, Inc. (3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, Phone: 404-975-5000; Fax: 404-975-5020; www.acenursing.org). To be eligible to participate in this program, a student must meet the following criteria:

- Graduation from an ASN or Diploma program within the past four (4) years.
- OR
- Graduation from an ASN or Diploma program more than four (4) years ago with documentation of 1000 hours of practice within the past 3 years.

#### Applicants Must Also

- Hold a current, unencumbered, valid license to practice nursing at the time of application. Student must present licensure documentation as part of the application packet. ASN graduates who meet the above requirements will receive transfer credit for 20 hours of nursing credit for associate degree nursing courses and 19 hours of 'credit by exam' after completing nine (9) hours of upper division nursing courses.
- Have a minimum 2.75 overall GPA (includes coursework from all colleges attended).
- Complete at least 50 hours of core which includes 33 semester hours from the ASN program; 11 semester hours from Area D – Natural Sciences, Math, and Technology; 3 semester hours from Area E - Lower Division Major Requirements (SOCI 1101 - Introduction to Sociology), and 3 semester hours from Area F – Lower Division Major Requirements (PSYC 2103 – Human Development). In order to be considered for selection, these 17 hours must be completed by the July 1 application deadline for the fall cohort or the November 1 deadline for the spring cohort. All CLEP testing must be completed by the application deadline (July 1 for the fall cohort or November 1 for the spring cohort).
- Be admitted to Dalton State College and complete a separate application to the Bachelor’s Degree Nursing Department.

#### To Apply You Must:

1. Be accepted to Dalton State College and receive a Dalton State email address.
2. Submit the online application found on the RN-BSN Requirements for Admission and Application link on the Department of Bachelor’s
Plan of Study

Plan of study is dependent upon student's educational background.

**Plan A** is for students who have taken all or most of the required Core Curriculum courses, including the RN-BSN prerequisites.

**Plan B** is for students who have completed only those courses required to receive the ASN degree at Dalton State College.

Nursing courses are taught in an online format using Collaborate through D2L. **A computer with internet access is required for this program.**

### Plan A

**Semester I**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NURS 3000</td>
<td>Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>Upper Division Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Core Curriculum (as needed)</td>
<td></td>
<td>0-6</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
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<td>6-12</td>
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**Semester II**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NURS 3100</td>
<td>Perspectives on USA Health Sys</td>
<td>3</td>
</tr>
<tr>
<td>NURS 4000</td>
<td>Evidenced-based Practice</td>
<td>3</td>
</tr>
<tr>
<td>(Upon completion of NURS 4000, 19 hours of upper division nursing credit given according to Georgia RN-BSN Articulation Agreement)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core Curriculum Courses (as needed)</td>
<td></td>
<td>3-6</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
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**Semester III**

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<tbody>
<tr>
<td>NURS 4100</td>
<td>Mgmt/Leadership-Groups/Comm (clinical project included)</td>
<td>6</td>
</tr>
<tr>
<td>NURS 4200</td>
<td>Nursing Capstone</td>
<td>3</td>
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<tr>
<td><strong>Area C Elective</strong></td>
<td></td>
<td>3</td>
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<tr>
<td><strong>Total Hours</strong></td>
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<td>12</td>
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</table>

**Semester IV**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
<td></td>
</tr>
<tr>
<td>or MATH 1110</td>
<td>Intro to Mathematical Modeling</td>
<td></td>
</tr>
<tr>
<td>or MATH 1113</td>
<td>Precalculus Mathematics</td>
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</table>

**Area B: Essential Skills**

(Students must complete Area A by the time they complete 30 hours course work.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
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</tbody>
</table>

One of the following electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
<td></td>
</tr>
<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
<td></td>
</tr>
<tr>
<td>GEOL 1000</td>
<td>Natural Hazards</td>
<td></td>
</tr>
<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
<td></td>
</tr>
<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
<td></td>
</tr>
<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
<td></td>
</tr>
<tr>
<td>HUMN 1000</td>
<td>Mystery Fiction in Pop Culture</td>
<td></td>
</tr>
<tr>
<td>HUMN 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUMN 1300</td>
<td>Christian Fiction/Pop Culture</td>
<td></td>
</tr>
<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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</tr>
<tr>
<td>PRSP Elective (See advisor)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Area C: Humanities/Fine Arts**

Choose one to two ENGL course(s):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
<td>3-6</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
<td></td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
<td></td>
</tr>
</tbody>
</table>
ENGL 2130  American Literature I
ENGL 2131  American Literature II
ENGL 2201  Intro to Film as Literature
If only one ENGL course chosen, add one of the following: 0-3
ARTS 1100  Art Appreciation
HUMN 1201  Expressions of Culture I
HUMN 1202  Expressions of Culture II
MUSC 1100  Music Appreciation
MUSC 1110  World Music
MUSC 1120  American Music
THEA 1100  Theatre Appreciation
Area D: Science/Mathematics/Technology
One of the following Laboratory Science Sequences: 8
BIOL 1107K & BIOL 1108K  Principles of Biology I and Principles of Biology II
CHEM 1211K & CHEM 1212K  Principles of Chemistry I and Principles of Chemistry II
PHYS 1111K & PHYS 1112K  Introductory Physics I and Introductory Physics II
MATH 1401  Elementary Statistics 3
Area E: Social Sciences
HIST 2111  United States History to 1877 3
or HIST 2112  United States Hist since 1877
POLS 1101  American Government 3
PSYC 1101  Introduction to Psychology 3
SOCI 1101  Introduction to Sociology 3
Area F: Major Related
BIOL 2212K  Anatomy and Physiology I 4
BIOL 2213K  Anatomy and Physiology II 4
BIOL 2215K  Microbiology 4
PSYC 2103  Human Development 3
SOCI 1110  Social Problems 3
or SOCI 2293  Marriage and Family 3
or HLTH 2500  Interpersonal Health/Relations 3
Major and Upper Division Courses
NURS 3000  Health Assessment 3
NURS 3100  Perspectives on USA Health Sys 3
NURS 4000  Evidenced-based Practice (19 hours of 'credit-by-exam' granted upon completion) 3
NURS 4100  Mgmt/Leadership-Groups/Comm 6
NURS 4200  Nursing Capstone 3
Upper division 3000-level course elective in Business, Social Work, Criminal Justice, the Social Sciences or Health and Wellness with nursing advisor approval.

Program Summary
Core Curriculum (Areas A-F) 60
Lower Division Nursing Courses 20
Credit through Georgia RN-BSN Articulation Agreement 19
Major and Upper Division Courses 21
Total Hours 120

Courses
NURS 1111. Basic Nursing Care. 3-8-6 Units.
A foundation course that introduces nursing concepts and skills related to the care of multicultural individuals across the lifespan. Requires clinical applications using evidence-based practice in a variety of health care and simulated settings. (Career Course)(F) Prerequisites: BIOL 2212K, MATH 1001, 1101, 1111, or 1113, ENGL 1101. Corequisites: NURS 1112, NURS 1113, BIOL 2213K.

NURS 1112. Intro. Pharm. & Dosage Calc.. 2-0-2 Units.
Introduces pharmacological concepts including drug classifications, mathematical calculations, and principles of drug administration. Satisfies the computer literacy requirement. (Career Course)(F) Corequisites: NURS 1111, NURS 1113, BIOL 2213K.

NURS 1113. Nutrition. 2-0-2 Units.
Introduces basic nutrition concepts of digestion, absorption and metabolism. Concentrates on essential nutrients including carbohydrates, lipids, proteins, vitamins and minerals. Addresses nutritional needs from infancy through adulthood and includes eating disorders. (Career Course)(F, S, M)

NURS 1115. Maternal Newborn Nursing. 3-14-4 Units.
A foundation course that concentrates on nursing concepts and skills related to the care of multicultural individuals in the maternal newborn setting. Addresses common well-defined health alterations as related to pregnancy, childbirth and the newborn as well as incorporating the child-bearing family. Requires clinical applications using evidenced-based practice in the maternal newborn and simulated settings. (Career Course) Prerequisite: NURS 1111, NURS 1112, NURS 1113, BIOL 2213K Corequisite: BIOL 2215K, PSYC 1101

NURS 1116. Mental Health Nursing. 3-12-3 Units.
A foundation course that concentrates on nursing concepts and skills related to the care of multicultural individuals in the mental health setting. Addresses common well-defined health alterations and incorporates individuals with mental health issues. Requires clinical applications using evidenced-based practice in a variety of mental health, community based, and simulated settings. (Career Course) Prerequisite: NURS 1111, NURS 1112, NURS 1113, BIOL 2213K Corequisite: BIOL 2215K, PSYC 1101

NURS 2011. Nursing Care Lifespan II. 3-17-9 Units.
A continuation course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses relevant well-defined health alterations. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. (Career course)(F) Prerequisites: NURS 1111, NURS 1112, NURS 1113, BIOL 2215K.

NURS 2012. Nursing Care Lifespan III. 3-17-9 Units.
A culmination course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses complex well-defined health alterations. Involves team management of patients and health care workers. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. (Career Course)(S) Prerequisites: NURS 1111, NURS 1112, NURS 1113, NURS 1114, NURS 2011, BIOL 2215K, and all general education courses. Corequisites: NURS 2013.
NURS 2013. Nursing Issues. 2-0-2 Units.
Discusses current issues in nursing, prepares students for the NCLEX-RN exam, and facilitates the transition from student to health care professional. Satisfies the computer literacy requirement. (Career Course) (S)
Prerequisites: NURS 2011 and all general education courses.
Corequisites: NURS 2012.

NURS 3000. Health Assessment. 2-2-3 Units.
A study of theory and skills needed to holistically assess the health of individuals across the life span. An introduction to a comprehensive assessment of groups/communities is included. This course includes 2 hours of lab practice. (S, M)
Prerequisites: RN licensure or permission of instructor.

NURS 3001. RN-BSN Nursing Examination. 0-0-19 Units.
19 hours of credit granted upon successful completion of NURS 4000.

NURS 3100. Perspectives on USA Health Sys. 3-0-3 Units.
This multi-disciplinary course focuses on nursing, business, and social perspectives of the American health care system. Issues related to safety and quality, access, finance, and politics will be emphasized. (F)
Corequisites: NURS 3000, NURS 4000.

NURS 4000. Evidenced-based Practice. 3-0-3 Units.
This course focuses on the understanding and use of nursing theory, nursing research, and evidence-based practices in clinical decision making regarding care of individuals, groups, and communities. (F)
Corequisites: NURS 3000, NURS 3100.

NURS 4100. Mgmt/Leadership-Groups/Comm. 3-9-6 Units.
A study of leadership/management theory and skills needed to effectively deliver safe and client-centered nursing care in a variety of settings including acute care, community health care, and international health care settings. This course includes clinical experience in leadership and community health arenas. (S)
Prerequisites: NURS 3000, NURS 3100, NURS 4000.
Corequisites: NURS 4200.

NURS 4200. Nursing Capstone. 3-0-3 Units.
A course designed to allow students to explore, discuss and begin to resolve issues in professional nursing and health care. In this course, students will complete a senior thesis project. (S)
Corequisites: NURS 4100.

Respiratory Therapy
Bachelor of Science
The Respiratory Therapy B.S. Completion Program is an online program for respiratory care practitioners who have completed an Associate of Science degree in Respiratory Therapy and are Registered Respiratory Therapists. The program would allow these therapists to obtain a Bachelor of Science degree in respiratory care while minimizing the duplication of knowledge and skills already acquired. The completion program is intended to offer the highest quality education that fosters critical thinking and encourages professional leadership and development. A respiratory therapist entering the program will acquire skills and knowledge above what is typically attained at the associate degree level. The comprehensive curriculum allows the student to become a successful communicator, critical thinker, and conscientious leader while encouraging life-long learning. Dalton State College and its degree programs are accredited by SACS.

Area A: Essential Skills
ENGL 1101 English Composition I 3

ENGL 1102 English Composition II 3
MATH 1111 College Algebra 3

Area B: Institutional Options
COMM 1110 Fundamentals of Speech 3

One of the following electives: 1
COMM 1120 Argumentation and Advocacy
ENGL 1105 Intro to Greek Mythology
ENGL 1110 Creative Writing
GEOL 1000 Natural Hazards
HIST 1051 Sports Hist & Amer Character
HLTH 1030 Health and Wellness Concepts
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
SOCI 1000 Race and Ethnicity in America
PRSP Elective (See advisor)

Area C: Humanities/Fine Arts
Choose one to two ENGL course(s): 3-6
ENGL 2000 Topics in Literature & Culture
ENGL 2111 World Literature I
ENGL 2112 World Literature II
ENGL 2120 British Literature I
ENGL 2121 British Literature II
ENGL 2130 American Literature I
ENGL 2131 American Literature II
ENGL 2201 Intro to Film as Literature

If only one ENGL course chosen, add one of the following: 0-3
ARTS 1100 Art Appreciation
HUMN 1201 Expressions of Culture I
HUMN 1202 Expressions of Culture II
MUSC 1100 Music Appreciation
MUSC 1120 American Music
THEA 1100 Theatre Appreciation

Area D: Science/Mathematics/Technology
BIOL 1107K Principles of Biology I 4
BIOL 1108K Principles of Biology II 4
CHEM 1151K Survey of Chemistry 4
CHEM 1211K Principles of Chemistry I

Area E: Social Sciences
HIST 2111 United States History to 1877 3
or HIST 2112 United States Hist since 1877

POLS 1101 American Government 3
Choose two of the following electives: 6
ANTH 1103 Intro to Cultural Anthropology
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1100 Introduction to Geography
GEOG 1111 Intro to Physical Geography
HIST 1111 World Civilization to 1500 CE
HIST 1112 World Civilization since 1500
HIST 2111 United States History to 1877
HIST 2112 United States Hist since 1877
Take two of the following:

- RESP 4140
- RESP 4120
- RESP 4110
- RESP 4020
- RESP 4010

**Upper Level Requirements**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one or two of the following electives. Must add up to at least 3-4 credit hours.

- BIOL 224K  Entomology
- BIOL 2270  Ethical Issues in Science
- CHEM 1211K Principles of Chemistry I
- CHEM 1212K Principles of Chemistry II
- CHEM 2000  Scientific Communication
- PHYS 1111K Introductory Physics I
- PSYC 2101  Psychology of Adjustment
- PSYC 2103  Human Development

**Area F: Major Related**

- BIOL 2212K Anatomy and Physiology I 4
- BIOL 2213K Anatomy and Physiology II 4
- BIOL 2215K Microbiology 4
- MATH 1401 Elementary Statistics 3

**Professional Licensure Credit**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>RESP 1100</td>
<td>Intro to Respiratory Care</td>
<td>3-0-3</td>
</tr>
<tr>
<td>RESP 2310</td>
<td>Specialized Areas of Resp Care</td>
<td>4</td>
</tr>
<tr>
<td>RESP 2320</td>
<td>Cardiopulmonary Disease</td>
<td>3</td>
</tr>
</tbody>
</table>

**Courses**

**RESP 1100. Intro to Respiratory Care. 3-0-3 Units.**

This course introduces students to the Respiratory Care profession and the skills needed to become a Respiratory Therapist. Topics will include the history of the Respiratory Care profession, a discussion of the future of Respiratory Care, a description of the organization of a hospital Respiratory Care department, an overview of common modalities and specialized areas of Respiratory Care including an introduction to Therapist driven protocols and clinical practice guidelines, a discussion of job opportunities and areas for advancement within the profession, an overview of legal and ethical issues impacting Health Care, and particularly Respiratory Care, in today's Health Care environment. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the NBRC, AARC, CoARC, and the Georgia Medical Board will be examined and the credentialing and licensing processes outlined. Specific terminology and abbreviations needed by the respiratory profession will be developed. Mastery of Cardiopulmonary Resuscitation will be expected of the student during this course. Prerequisites: Acceptance into the Respiratory Program.

**RESP 1111. Fundamentals of Resp Care. 3-2-4 Units.**

This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosols, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid base balance and gas laws. The application of basic physical principles involving the properties of matter, thermodynamics, and mechanics as it relates to respiratory practices and equipment will be explored in class and lab. To progress to RESP 1121, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program. Prerequisites: Admission into Respiratory Care Program, RESP 1100 is required as a prerequisite or a co-requisite. Corequisites: RESP 1131.
RESP 1121. Clinical Practicum I. 0-16-5 Units.
An introduction to respiratory care of the non-critically ill Patient in the clinical environment. An emphasis will be placed on departmental protocols, clinical practice guidelines, patient identification, and communication skills. The student will be required to master the following modalities: oxygen therapy, humidity therapy, bland continuous aerosol therapy, medicated nebulizer therapy, passive hyperinflation, chest physiotherapy and postural drainage, arterial blood gas draws and analysis, equipment cleaning and environmental therapy. Basic airway management, and bedside pulmonary function testing will also be explored. Equipment theory and application will be reinforced. Prerequisites: RESP 1111, RESP 1131. Corequisites: RESP 1132, RESP 1133.

RESP 1131. Patient Assess & Protocols. 3-2-4 Units.
This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination in order to progress to RESP 1121. Prerequisites: Admission into Respiratory Care program RESP 1100 is required as a prerequisite or a co-requisite. Corequisites: RESP 1111.

RESP 1132. Cardiopulmonary Pharmacology. 3-0-3 Units.
A general pharmacology course for the respiratory care professional caring for the acute and sub-acute patient. Emphasis will be placed on the indications, contraindications, hazards, and routes of administration for the drugs discussed. The pharmacology of the major therapeutic classes of drugs important to respiratory care will be presented. Prerequisites: RESP 1111, RESP 1131. Corequisites: RESP 1121, RESP 1133.

RESP 1133. Cardiopulmonary Anatomy & Phys. 3-0-3 Units.
A study of normal and abnormal anatomy and physiology of the cardiac, pulmonary, and renal systems. The mechanisms of homeostatic control for acid/base balance, ventilation, gas transport, and circulation will be addressed. Hemodynamic monitoring will be emphasized. Prerequisites: RESP 1111, RESP 1131. Corequisites: RESP 1121, RESP 1132.

RESP 2110. Mech Ventilation/Critical Care. 3-2-4 Units.
This course introduces the critical care modalities of airway management and positive pressure ventilation including tracheal suctioning, endotracheal intubation, and tracheostomy care. Concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each student will be required to successfully pass a lab competency exam in order to progress to RESP 2210. Prerequisites: RESP 1121, RESP 1132, RESP 1133. Corequisites: RESP 2310.

RESP 2121. Neonatal/Pediatric Resp Care. 2-0-2 Units.
This course presents the physiological and clinical concepts of mechanical ventilation and critical care monitoring of the pediatric and neonatal patient. The course focuses on respiratory care modalities and concepts specifically related to the pediatric and neonatal patient. Some topics include: ventilator design and function, assessment and monitoring of pediatric/neonatal patients, techniques for improving ventilation oxygenation, weaning strategies, and labor and delivery. Critical thinking skills will be emphasized to support the application of neonatal/pediatric physician and therapist driven protocols. Prerequisites: RESP 2110, RESP 2310. Corequisites: RESP 2210, RESP 2130, sophomore year.

RESP 2130. Specialized Areas of Resp Care. 2-0-2 Units.
This course surveys the important principles and practices of respiratory care in specialty areas. Students will apply the knowledge learned in this course in Practicum III RESP 2201. Clinical Practicum IA 0-11-3Co-requisites: RESP 2110, RESP 2310. This course is a continuation of Clinical Practicum I and a bridge to Clinical Practicum II. Students will be required to present evidence based case studies in specialty areas. Prerequisites: RESP 2110, RESP 2310. Corequisites: RESP 2210, RESP 2310.

RESP 2201. Clinical Practicum IA. 9-1-3 Units.
This course is a continuation of Clinical Practicum I and a bridge to Clinical Practicum II. Emphasis will be placed on refining skills and care for the non-critical patient with a gradual development of skills and competencies to care for ventilator dependent patients. Students will apply skills they will be learning in RESP 2110. Students will be required to present clinical case studies on major cardiopulmonary pathologies in conjunction with studies in RESP 2310. Prerequisites: RESP 1121, RESP 2130, RESP 2310.

RESP 2210. Clinical Practicum II. 0-16-5 Units.
This course is a continuation of RESP 1121 and RESP 2201. Emphasis will be placed on departmental protocols and clinical practice guidelines. Students will care for adult critically ill patients in the Intensive Care Unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures and analysis, and concepts of airway management and mechanical ventilation is expected. The student will be required to attend a competency workshop and to successfully demonstrate intubations and ventilator competency. Students will be required to complete weekly logs and case studies as part of this course. Prerequisites: Current CPR, RESP 1121, RESP 2201. Corequisites: RESP 2210, RESP 2310.

RESP 2220. Clinical Practicum III. 0-16-5 Units.
Practicum to support content presented in RESP 2121 and RESP 2130. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion courses. This course may also provide an opportunity for accelerated or advanced students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient, pulmonary function studies and sleep studies. Prerequisites: RESP 2121, RESP 2210, RESP 2130. Corequisites: RESP 2321, RESP 2330.
RESP 2310. Cardiopulmonary Disease & Treatment. 3-0-3 Units.
A survey course of the clinical pathophysiology of selected cardiopulmonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestations, diagnosis, therapeutics, and prognosis of acute and chronic diseases of the cardiopulmonary patient. Student will be required to present clinical case studies on the major cardiopulmonary pathologies. Prerequisites: RESP 1121, RESP 1132, RESP 1133. Corequisites: RESP 2210.

RESP 2330. Credential Preparation. 1-0-1 Unit.
This course will focus on a review of essential concepts of Respiratory Care with emphasis on content for national credentialing. Each student must take the NBRC multiple choice and clinical simulation practice exam. Students will be required to attend a national review seminar. This course will also prepare students to obtain licensure and prepare the student with skills necessary for job placement. Prerequisites: RESP 2121, RESP 2130, RESP 2210. Corequisites: RESP 2220.

RESP 4010. Adv Sem Neonatal/Peds Res Care. 3-0-3 Units.
Focuses on the advanced practice of Respiratory Care in pediatrics and neonatology in the intensive care setting. Students will increase their knowledge base in assessment, evaluation, identification, utilization of critical skills, and procedures used in the neonatal/pediatric critical care setting. This course will provide the student with a general review of perinatal/pediatric respiratory care as applicable to the National Board for Respiratory Care Neonatal/Pediatric Specialty credentialing examination. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4020. Adv Sem Critical Care/Mech Ven. 3-0-3 Units.
This course reviews relevant material to prepare the student for the ACCS Exam. Particular focus includes airway management, advanced modes of mechanical ventilation, pharmacology and respiratory diseases and disorders. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4110. Mentoring/Educ in Healthcare. 3-0-3 Units.
Introduces topics related to clinical education, professional supervision, and mentoring in Respiratory Care. Beyond student supervision, the course will discuss supervision of professionals in the workplace and the emerging importance of professional mentoring for ongoing professional development. Students will be required to complete course to become certified in Pulmonary Disease Educator. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4120. Geriatrics/LT Respiratory Care. 3-0-3 Units.
This course provides an analysis of the current professional environment and the role of the respiratory therapist in the long-term care setting. An overview of concepts, procedures, in geriatrics and long-term care will be presented. Students will discover how the respiratory therapist’s role is impacted interacting between the acute care facility, sub-acute care sites and self-administered care in the patient’s home. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4130. Research Healthcare Prof. 3-0-3 Units.
This course presents a review of basic statistics and its application to evidence-based theory as it pertains to the practice of clinical medicine. Modules in accessing computer based medically oriented information and medical data bases are presented. The course emphasizes the use of literature to validate and improve the practice of clinical medicine. Students identify, review, and critique published literature relevant to clinical settings. Students learn to use medical literature as a tool in clinical decision making. Prerequisites: MATH 2200 with a grade of “C” or better; RRT Credential and acceptance into the Bachelor of Science program.

RESP 4140. Mngt in Cardiopulmonary Dept. 3-0-3 Units.
This course will present topics related to the management of the Cardiopulmonary Department in a variety of clinical facilities ranging from acute to long-term care. Beyond basic principles of management, this course will explore the responsibilities of the Cardiopulmonary Department manager including appointment, direction and evaluation of personnel; policy and procedure development; budget and fiscal planning; and negotiation of purchase and contracts for new equipment. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

Social Work

Bachelor of Social Work

The BSW program prepares graduates to enter generalist social work practice under professional supervision in a variety of social service and health care settings. A distinctive feature of the Dalton State BSW program is its emphasis on preparing social workers to work competently with diverse individuals and groups. Graduates of the BSW program may apply for admission to Master of Social Work (MSW) programs at the advanced-standing level, shortening the length of time required to complete graduate study. The Dalton State College BSW program is fully accredited by the Council on Social Work Education.

Students must apply for admission to the Upper Division of the BSW program in order to take Junior- and Senior-level social work courses. Non-majors may take upper division elective courses with the permission of the course instructor.

Additional information concerning the social work profession and admission to the Upper Division of the BSW program, including the admission application, can be found on the Social Work Department’s website.

Minimum Requirements for Admission to the Upper Division:
1. Be admitted as a student in good standing to DSC;
2. Complete Lower Division courses;
3. Have a minimum cumulative GPA of 2.5;
4. Obtain a minimum grade of C in Lower Division Social Work courses;
5. Submit a completed application for admission to the BSW Upper Division that includes an essay demonstrating a commitment to the social work profession and references; and
6. Completion of a minimum of 50 hours of documented, paid or volunteer work hours with a social service agency.

Application Deadline:
Students who are admitted to the Social Work Upper Division typically begin study in Fall Semester and progress through the program with a cohort of students who are admitted to the program at the same time. The regular application period for applying for regular admission to the Social Work Upper Division will extend from January 15 through February 28. Students may also apply for late admission to the Social Work Upper Division until August 1 and may be accepted if space in the cohort is available. Students who were previously admitted to the Social Work Upper Division must re-apply if they have not been enrolled in social work courses at DSC for more than one calendar year.

Applicants will be notified in writing of the Admission Committee’s decision regarding their admission to the Social Work Upper Division.

Additional Information:

Students may elect to follow a two-year plan or a three-year plan for completing Upper Division courses (60 semester hours). Courses have been arranged in a sequential manner so that new learning builds on previous learning. Students should exercise care when registering for courses and be certain that they are following their approved program of study.

Criminal background checks, the purchase of professional liability insurance, and the purchase of other types of insurance may be required and may be at the student's expense. Social Work students participate in off-campus, field education in area social service agencies. Students must have reliable transportation to get to and from these agencies. Some field education sites may require immunization records and health information.

For additional information about the BSW Program, please contact the Social Work Department.

Transfer Students:

The BSW Program welcomes transfer students. Students who are interested in transferring to DSC to complete the BSW should contact the Social Work Department to obtain additional information and to discuss their particular situations.

**Area A: Essential Skills**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1001</td>
<td>Quantitative Skills/Reasoning</td>
<td>3</td>
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<tr>
<td>or MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<tr>
<td>or MATH 1111</td>
<td>College Algebra</td>
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**Area B: Institutional Options**

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<tr>
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<th>Title</th>
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<tr>
<td>COMM 1110</td>
<td>Fundamentals of Speech</td>
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<td>One of the following electives:</td>
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<tr>
<td>COMM 1120</td>
<td>Argumentation and Advocacy</td>
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<tr>
<td>ENGL 1105</td>
<td>Intro to Greek Mythology</td>
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<tr>
<td>ENGL 1110</td>
<td>Creative Writing</td>
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<tr>
<td>GEO 1000</td>
<td>Natural Hazards</td>
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<tr>
<td>HIST 1050</td>
<td>Appalachian Hist-Special Topic</td>
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<tr>
<td>HIST 1051</td>
<td>Sports Hist &amp; Amer Character</td>
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<tr>
<td>HLTH 1030</td>
<td>Health and Wellness Concepts</td>
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<tr>
<td>HUM 1000</td>
<td>Mystery Fiction in Pop Culture</td>
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<tr>
<td>HUM 1100</td>
<td>Political and Social Rhetoric</td>
<td></td>
</tr>
<tr>
<td>HUM 1300</td>
<td>Christian Fiction/Pop Culture</td>
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<tr>
<td>SOCI 1000</td>
<td>Race and Ethnicity in America</td>
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<tr>
<td>PRSP Elective (See advisor)</td>
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**Area C: Humanities/Fine Arts**

Choose one to two ENGL courses: 3-6

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 2000</td>
<td>Topics in Literature &amp; Culture</td>
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<tr>
<td>ENGL 2111</td>
<td>World Literature I</td>
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<tr>
<td>ENGL 2112</td>
<td>World Literature II</td>
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<tr>
<td>ENGL 2120</td>
<td>British Literature I</td>
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<tr>
<td>ENGL 2121</td>
<td>British Literature II</td>
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<tr>
<td>ENGL 2130</td>
<td>American Literature I</td>
<td></td>
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<tr>
<td>ENGL 2131</td>
<td>American Literature II</td>
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<tr>
<td>ENGL 2201</td>
<td>Intro to Film as Literature</td>
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<td>If only one ENGL chosen add one of the following:</td>
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<tr>
<td>ARTS 1100</td>
<td>Art Appreciation</td>
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<tr>
<td>HUM 1201</td>
<td>Expressions of Culture I</td>
<td></td>
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<tr>
<td>HUM 1202</td>
<td>Expressions of Culture II</td>
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<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 1120</td>
<td>American Music</td>
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<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
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**Area D: Science/Mathematics/Technology**

Choose one to two ENGL courses: 3-6

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<thead>
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<td>BIOL 1105K</td>
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<td>BIOL 1107K</td>
<td>Principles of Biology I</td>
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<td>BIOL 1108K</td>
<td>Principles of Biology II</td>
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<tr>
<td>BIOL 1203K</td>
<td>Principles of Botany</td>
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<tr>
<td>BIOL 1224K</td>
<td>Entomology</td>
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<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry</td>
<td></td>
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<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<tr>
<td>GEO 1121K</td>
<td>Principles of Geology</td>
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<tr>
<td>GEO 1122K</td>
<td>Historical Geology</td>
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<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
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<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
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<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
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One of the following electives: 3-4

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<td>ASTR 1010</td>
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<tr>
<td>BIOL 1105K</td>
<td>Environmental Studies</td>
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<td>Principles of Biology I</td>
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<td>Principles of Biology II</td>
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<td>BIOL 1203K</td>
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<td>BIOL 1224K</td>
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<td>CHEM 1151K</td>
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<td>CHEM 1211K</td>
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<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<tr>
<td>CMPS 1301</td>
<td>Principles of Programming I</td>
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<tr>
<td>CMPS 1302</td>
<td>Principles of Programming II</td>
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<tr>
<td>GEO 1121K</td>
<td>Principles of Geology</td>
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<tr>
<td>GEO 1122K</td>
<td>Historical Geology</td>
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<tr>
<td>MATH 1113</td>
<td>Precalculus Mathematics</td>
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<tr>
<td>MATH 1401</td>
<td>Elementary Statistics</td>
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<tr>
<td>MATH 2181</td>
<td>Applied Calculus</td>
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</table>
MATH 2253  Calculus and Analytic Geom I
MATH 2254  Calculus and Analytic Geom II
PHYS 1111K  Introductory Physics I
PHYS 1112K  Introductory Physics II
PHYS 2211K  Principles of Physics I
PHYS 2212K  Principles of Physics II

**Area E: Social Sciences**

HIST 2111  United States History to 1877  3
or HIST 2112  United States History since 1877
POLS 1101  American Government  3
PSYC 1101  Introduction to Psychology  3

One of the following electives:  3

ANTH 1103  Intro to Cultural Anthropology
ECON 2105  Principles of Macroeconomics
ECON 2106  Principles of Microeconomics
GEOG 1100  Introduction to Geography
GEOG 1101  Intro to Human Geography
GEOG 1111  Intro to Physical Geography
HIST 1111  World Civilization to 1500 CE
HIST 1112  World Civilization since 1500
HIST 2111  United States History to 1877
HIST 2112  United States History since 1877
PHIL 1103  Intro to World Religions
PHIL 2010  Intro to Philosophical Issues
PHIL 2020  Logic and Critical Thinking
POLS 2101  Intro to Political Science
POLS 2201  State and Local Government
POLS 2301  Comparative Politics
POLS 2401  International Relations
PSYC 2101  Psychology of Adjustment
PSYC 2103  Human Development
SOCI 1160  Social Problems

**Area F: Major Related**

SOCI 1101  Introduction to Sociology  3
SOWK 2101  The Social Work Profession (Grade of C or better req’d)  3
SOWK 2102  The Social Welfare Institution (Grade of C or better req’d)  3
SOWK 2103  Social Work Prac&Serv Learning (Grade of C or better req’d)*  3
SOWK 2104  Interviewing & Communic Skills (Grade of C or better req’d)*  3

One of the following electives:  3

ANTH 1103  Intro to Cultural Anthropology
BIOL 2212K  Anatomy and Physiology I
BIOL 2213K  Anatomy and Physiology II
BUSA 2201  Fundamentals of Computer Appli
CRJU 1100  Intro to Criminal Justice
CRJU 2100  Intro to Law Enforcement
CRJU 2200  The Judicial Process
ECON 2105  Principles of Macroeconomics
ECON 2106  Principles of Microeconomics
FREN 1001  Elementary French I

FREN 1002  Elementary French II
FREN 2001  Intermediate French I
FREN 2002  Intermediate French II
GEOG 1100  Introduction to Geography
GEOG 1101  Intro to Human Geography
PSYC 2101  Psychology of Adjustment
PSYC 2103  Human Development
SOCI 1160  Social Problems
SPAN 1001  Elementary Spanish I
SPAN 1002  Elementary Spanish II
SPAN 2001  Intermediate Spanish I
SPAN 2002  Intermediate Spanish II

**Upper Level Courses**

ENGL 3000  Writing for Educ/Soc Sciences  3
SOWK 3101  Human Diversity  3
SOWK 3102  Human Behavior I  3
SOWK 3103  Human Behavior II  3
SOWK 3201  Gen Practice of Social Work I  3
SOWK 3202  Gen Practice of Social Work II*  3
SOWK 3302  Social Work in Child Welfare  3
SOWK 3501  Social Work in Mental Health  3
SOWK 3505  Social Work in Appalachia  3
SOWK 4201  Gen Practice of Soc Work III  3
SOWK 4202  Gen Practice of Social Work IV  3
SOWK 4301  Social Work w/Latino Clients  3
SOWK 4400  Foundation for Social Research  3
SOWK 4401  Senior Capstone Project  2
SOWK 4402  Senior Capstone Project  2
SOWK 4998  Practicum & Seminar Soc Work I*  4
SOWK 4999  Practicum/Seminar Soc Work II*  4

**Social Work Electives**

Three of the following electives:  9

SOWK 3502  Social Work with Older Adults
SOWK 3503  Substance Abuse
SOWK 3506  Health and Social Environment
SOWK 3507  Mental Health/Spec Populations
SOWK 4900  Individual Study in Soc Work

**Physical Education**

PHED Activity Elective  1

Total Hours  121-122

* Requires service in a social service agency.

**Courses**

**SOWK 2101.**  The Social Work Profession. 2-1-3 Units.

History and current status of the profession of social work. The role of the social worker in various fields of practice. The professional’s commitment to social and economic justice for vulnerable and oppressed populations. Social work values and ethics. (F, S)

Prerequisites: ENGL 1101.
SOWK 2102. The Social Welfare Institution. 3-0-3 Units.
History and current status of social welfare programs and services in the United States. Philosophical, religious, economic, and political perspectives on social welfare.(F)
Prerequisites: ENGL 1101.

SOWK 2103. Social Work Prac&Serv Learning. 3-0-3 Units.
This course introduces social work students to a Service Learning modality framed within social work practice. Students will observe and analyze how social agencies empower individuals and improve the well-being of others. The course will emphasize the role of community organizations in alleviating social injustice.
Prerequisites: SOWK 2101 and SOWK 2102.

SOWK 2104. Interviewing & Communic Skills. 3-0-3 Units.
This course provides an introduction to methods, skills, and procedures used in interviewing clients in a variety of practice settings. The course incorporates theory, research, and practice skills relevant to relationship building, the change process, and professional communication skills and techniques. Students will learn and practice professional interviewing, assessment, goal-setting, and communication skills and techniques. The course will consist of lecture and classroom experience as well as a weekly laboratory. The course will encourage students to take the risk of gaining greater self-awareness and insight related to tolerance, diversity, and difference. Prerequisites: SOWK 2101, 2102; Corequisite or Prerequisites: SOWK 2103.

SOWK 3003. Spanish for Social Services. 3-0-3 Units.
Advanced communication skills for serving Spanish-speaking clients. Advanced conversational skills with important social work terms and concepts. Proper greetings, translation of technical terms, and ways to reduce discomfort for Spanish-speaking clients.(F,M)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3101.

SOWK 3101. Human Diversity. 3-0-3 Units.
A general introduction to the concepts of diversity in the United States, including the various histories of oppression of minority groups. Readings and sensitivity exercises related to African-American, Appalachian, and Hispanic/Latino cultures. An introduction to cultural competence.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor.
Corequisites: SOWK 3102.

SOWK 3102. Human Behavior I. 3-0-3 Units.
An overview of theories of human behavior needed for generalist practice with an introduction to ego psychology, behaviorism, and life-stage development theories. An introduction to ecological systems theory and the ecological perspective in social work with orientation to micro, mezzo, and macro levels of understanding individuals and families.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor.
Corequisites: SOWK 3101.

SOWK 3103. Human Behavior II. 3-0-3 Units.
The second of a two-course HBSE sequence is a study of the interaction of human behavior and the social environment with an emphasis on larger systems: groups, organizations, and communities utilizing the ecological and multi-level systems perspectives (S)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3102.

SOWK 3104. Social Work in Appalachia. 3-0-3 Units.
Prepares students for generalist social work practice in Appalachia. Emphases are cultural competence and issues of oppression and justice.
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3101.

SOWK 3105. Social Work in Mental Health. 3-0-3 Units.
History of mental illness, treatment, and systems in the U.S., with particular attention to the mental health system in Georgia. An overview of current mental health diagnoses, theories, and treatment modalities. Ecological, systems, and strengths perspectives working with individuals, families, and groups. The role of case management with the chronically mentally ill(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3106. Social Work in Mental Health. 3-0-3 Units.
An overview of the impact of aging, using the biopsychosocial-spiritual, ecological, and strengths perspectives. Federal, state, and local programs, services, and social policies are reviewed. Generalist practice models are introduced for working with older adults and their families, with a focus on empowerment. The roles of generalist social workers and career opportunities are examined.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3201. Gen Practice of Social Work I. 2-2-3 Units.
Theory and practice of generalist social work. Knowledge, skills, and ethical principles needed for beginning social work practice. Problem identification, interviewing, assessment, intervention and evaluation of practice with individuals and families from a person-in environment perspective. Record keeping in social service agencies. Requires exercises and demonstration of skills through simulation learning experiences in the DSC sim lab.

SOWK 3202. Gen Practice of Social Work II. 3-0-3 Units.
This course is intended to help students acquire the knowledge, values and skills to work successfully with groups on the micro, mezzo and macro levels.
Prerequisites: Admission to the BSW upper division, SOWK 3201.

SOWK 3301. Social Work in Child Welfare. 3-0-3 Units.
History and practice in the child welfare programs of the United States with special attention to family systems, child development, identifying child abuse and neglect, and child welfare services.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3302. Social Work in Child Welfare. 3-0-3 Units.
Overview of the impact of aging, using the biopsychosocial-spiritual, ecological, and strengths perspectives. Federal, state, and local programs, services, and social policies are reviewed. Generalist practice models are introduced for working with older adults and their families, with a focus on empowerment. The roles of generalist social workers and career opportunities are examined.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3303. Social Work in Mental Health. 3-0-3 Units.
History of mental illness, treatment, and systems in the U.S., with particular attention to the mental health system in Georgia. An overview of current mental health diagnoses, theories, and treatment modalities. Ecological, systems, and strengths perspectives working with individuals, families, and groups. The role of case management with the chronically mentally ill(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3304. Social Work in Mental Health. 3-0-3 Units.
Overview of the impact of aging, using the biopsychosocial-spiritual, ecological, and strengths perspectives. Federal, state, and local programs, services, and social policies are reviewed. Generalist practice models are introduced for working with older adults and their families, with a focus on empowerment. The roles of generalist social workers and career opportunities are examined.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3305. Social Work in Mental Health. 3-0-3 Units.
An overview of the impact of aging, using the biopsychosocial-spiritual, ecological, and strengths perspectives. Federal, state, and local programs, services, and social policies are reviewed. Generalist practice models are introduced for working with older adults and their families, with a focus on empowerment. The roles of generalist social workers and career opportunities are examined.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.
SOWK 3506. Health and Social Environment. 3-0-3 Units.
History and structure of the health care system in the United States and in other industrial nations. Overview of health care systems in in other countries. The impact of social determinants of health and illness. Health disparities and discrimination in health care will be discussed.
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3507. Mental Health/Spec Populations. 3-0-3 Units.
This course is a focused study of the specific mental health needs, diagnoses, and treatment of specific populations, such as children, women, survivors of domestic violence, veterans, older adults, and other groups. This advanced elective builds on the foundational knowledge acquired in SOWK 3501 Social Work and Mental Health, providing students with knowledge, theory, and evidence-based interventions for specific populations encountered in generalist practice.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3501.

SOWK 3508. Special Topics in Social Work. 3-0-3-6 Units.

SOWK 4201. Gen Practice of Soc Work III. 3-0-3 Units.
Theory and practice of generalist social work. Knowledge, skills, and ethical principles needed for entry-level social work practice. Problem identification, assessment, intervention, and evaluation of outcome from a multi-level, ecological systems perspective and a strengths perspective. Emphasizes application of theory toward interventions with groups, organizations, and communities.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3101, SOWK 3201, SOWK 3103.

SOWK 4202. Gen Practice of Social Work IV. 3-0-3 Units.
Social insurance, public assistance, and social service programs in the United States Comparative social welfare systems in Europe and Latin America. The influences of economics and politics on social services. Introduction to models of policy analysis.(S)
Prerequisites: SOWK 3103, SOWK 4201.

SOWK 4301. Social Work w/Latino Clients. 3-0-3 Units.
Prepares students to practice social work with Latino individuals and families focusing on individual, social and environmental issues that encountered in micro, mezzo, and macro social work practice with Latino clients. Content will cover Latino family patterns, naming customs, family celebrations, cultural patterns.(S,M)
Prerequisites: SOWK 3101.

SOWK 4400. Foundation for Social Research. 3-0-3 Units.
Social worker practitioners must demonstrate the effectiveness of services they deliver to clients. Students will become competent in research problem formulation, design, data collection and analysis (including statistical procedures). Students will gain expertise in qualitative and quantitative research methodologies.(F)
Prerequisites: SOWK 3201.
Corequisites: SOWK 4401, SOWK 4498.

SOWK 4401. Senior Capstone Project. 2-0-2 Units.
The first of a two-course sequence of directed study experiences during which the senior BSW student will conceptualize an outcome study related to the student’s senior practicum, conduct a literature review of the topic area, select measurement tools, and write a first draft of the project. The study will develop in parallel with the development of research skills and completion of assignments in SOWK 4400 and the development and application of practice skills in SOWK 4998.(F)
Corequisites: SOWK 4400, SOWK 4998.
COURSE DESCRIPTIONS

• Course Index (p. 253)
  • ACCT Courses (p. 253)
  • ACED Courses (p. 254)
  • ALHT Courses (p. 255)
  • ANTH Courses (p. 255)
  • ARTS Courses (p. 256)
  • ASTR Courses (p. 256)
  • BIOL Courses (p. 256)
  • BUSA Courses (p. 259)
  • CAPS Courses (p. 260)
  • CHEM Courses (p. 266)
  • CMPS Courses (p. 263)
  • COMM Courses (p. 263)
  • CRJU Courses (p. 265)
  • ECON Courses (p. 267)
  • EDUC Courses (p. 268)
  • ELCT Courses (p. 271)
  • ENGL Courses (p. 273)
  • ENGR Courses (p. 276)
  • ENVG eCore Courses (p. 278)
  • ESOL Courses (p. 278)
  • ETEC eCore Courses (p. 278)
  • FINC Courses (p. 279)
  • FREN Courses (p. 279)
  • FTA Courses (p. 280)
  • GEOG Courses (p. 281)
  • GEOL Courses (p. 281)
  • GFA Courses (p. 282)
  • GRMN Courses (p. 283)
  • HADM eMajor Courses (p. 283)
  • HIST Courses (p. 284)
  • HLTH Courses (p. 288)
  • HUMN Courses (p. 289)
  • INTS Courses (p. 290)
  • ISCI Courses (p. 290)
  • ITEC Courses (p. 290)
  • LEAD Courses (p. 291)
  • LEAS eMajor Courses (p. 292)
  • LPNS Courses (p. 292)
  • LSCM Courses (p. 294)
  • MARK Courses (p. 296)
  • MATH Courses (p. 296)
  • MGIS Courses (p. 299)
  • MLTS Courses (p. 301)
  • MNGT Courses (p. 302)
  • MUSC Courses (p. 303)
  • NURS Courses (p. 304)
  • OATC Courses (p. 305)
  • OPMT Courses (p. 306)
  • ORGL eMajor Courses (p. 307)
  • PHED Courses (p. 308)
  • PHIL Courses (p. 309)
  • PHYS Courses (p. 309)
  • PLA Courses (p. 309)
  • POLS Courses (p. 310)
  • PRSP Courses (p. 311)
  • PSYC Courses (p. 311)
  • RALT Courses (p. 314)
  • READ Courses (p. 316)
  • RESP Courses (p. 317)
  • SOCI Courses (p. 319)
  • SOWK Courses (p. 319)
  • SPAN Courses (p. 321)
  • SPED Courses (p. 322)
  • SUST Courses (p. 322)
  • TECH Courses (http://catalog.daltonstate.edu/ cours edescriptions/tech/)
  • THEA Courses (p. 323)

ACCT Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

ACCT 2101. Principles of Accounting I. 3-0-3 Units.
Examines the underlying theory and application of accounting concepts for reporting financial information to outside users. Stresses the relationship between the rules by which financial statements are prepared and the use of financial information for decision making. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a 'C' or better.

ACCT 2102. Principles of Accounting II. 3-0-3 Units.
Examines the underlying theory and application of managerial accounting concepts. Stresses the study of financial and non-financial information for use by internal decision makers and the role of managerial accounting in a business environment. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: ACCT 2101 with a 'C' or better.

ACCT 3100. Intermediate Accounting I. 3-0-3 Units.
Studies the concepts and standards for presentation and disclosure of general purpose financial statements in accordance with GAAP. The focus is on financial statement analysis and the theory and issues related to measurement of assets. (F (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 2101, ACCT 2102 both with a 'C' or better.
ACCT 3200. Intermediate Accounting II. 3-0-3 Units.
Focuses on theory and issues related to recognition and measurement of liabilities, stockholders’ equity, and other issues related to financial reporting. (S (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 3300. Tax Accounting & Reporting I. 3-0-3 Units.
Examines the federal taxation of individuals and taxation of property transactions. Tax research and ethics and responsibilities for accounting professionals are also introduced. (F (Day & Evening))
Prerequisites: Upper Division Eligibility, ACCT 2101, ACCT 2102, both with a ‘C’ or better.

ACCT 3500. Forensic Accounting. 3-0-3 Units.
A study of the various techniques for preventing, detecting, investigating and resolving occupational fraud. (M (Evening))
Prerequisites: Upper Division Eligibility; ACCT 2101 with a ‘C’ or better.

ACCT 3600. Accounting Information Systems. 3-0-3 Units.
The course will also introduce students to computerized accounting information systems such as SAP. Other major topics covered will include internal controls, enterprise risk management, big data in accounting, forensic techniques, and auditing through an AIS. Students will learn to solve accounting problems and perform data analytics using spreadsheet, database, and visualization applications such as Excel, Access, and Power BI. (S (Online))
Prerequisites: Upper-division eligibility and ACCT 3100 with a C or better.

ACCT 3800. Understanding Financial Statements. 3-0-3 Units.
This course focuses on the understanding, interpreting, and analyzing of financial statements for corporations, local governments, and nonprofit organizations. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, ACCT 2102 with a ‘C’ or better.

ACCT 4100. Advanced Accounting. 3-0-3 Units.
Examines special types of transactions and their effect on financial statement presentation. The focus is on business combinations, foreign currency transactions, and other advanced financial reporting topics. (F (Online), M (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a ‘C’ or better.

ACCT 4200. Govt/Nonprofit Accounting. 3-0-3 Units.
Focuses on the concepts and standards for presentation and disclosure of financial statements for governmental and nongovernmental not-for-profit entities. (M (Online))
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 4300. Tax Accounting & Reporting II. 3-0-3 Units.
Explores the federal taxation of business entities, including C corporations, partnerships, S corporations, estates, and trusts. Analyzes the treatment of property transactions within these entities. (S (Evening))
Prerequisites: Upper Division Eligibility, ACCT 3300 with a ‘C’ or better.

ACCT 4400. Cost Accounting. 3-0-3 Units.
Focuses on planning, budgeting, performance measures and cost measures in the corporate environment. (S (Online))
Prerequisites: Upper Division Eligibility; ACCT 2101, ACCT 2102 both with a ‘C’ or better.

ACCT 4700. Independent Study in Acct. 0-0-3 Units.
Supervised in-depth individual research and study of one or more current topics in Accounting in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3200 with a ‘C’ or better.

ACCT 4701. Auditing and Attestation. 3-0-3 Units.
Examines auditing procedures, standards, and other attestation issues. (F (Online))
Prerequisites: Upper Division Eligibility, ACCT 3200 with a ‘C’ or better.

ACCT 4800. Special Topics in Accounting. 3-0-3 Units.
Examines current, relevant topics in the field of Accounting. Each special topic course will cover a new current topic.(F, S, M)
Prerequisites: Upper Division Eligibility, ACCT 3100 with a ‘C’ or better.

ACCT 4900. Accounting Internship. 0-0-3 Units.
Provides students with on-site work experience in Accounting through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Accounting internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.(F,S,M)
Prerequisites: Upper Division Eligibility, ACCT 3100 (Grade ‘C’ or Better), plus an additional 3 credit hours of upper division ACCT, and 3 credit hours of any upper division business course with a ‘C’ or better.

ACED Courses

ACED 1100. Introduction to Business. 3-0-3 Units.
An overview of business principles and practices. Emphasis on developing an awareness of banking, marketing, finance, insurance, and organizational design. Will include ethical and human relations issues. Open to all majors.

ACED 2000. Beginning Keyboarding. 3-0-3 Units.
Development of basic touch keyboarding skills. This course provides an introduction to formatting letters, research papers, and miscellaneous documents. Emphasis is placed on developing straight-copy speed and accuracy. Exemption test is available.

ACED 2300. Intermediate Keyboarding. 3-0-3 Units.
Continued emphasis on speed and accuracy building. Detailed coverage of business letters, memos, multi-page reports, and miscellaneous documents. Exemption test is available.

ACED 2400. Computer Tech Wrkplce. 3-0-3 Units.
Computer applications for development of analytical and problem-solving workplace skills. Topics include word processing, databases, spreadsheets, communications, presentation, hardware, networks, and social and ethical concepts. Exemption test is available.

ACED 3100. Computer Systems (eM). 3-0-3 Units.
A general overview of computer hardware and networks. Emphasis is placed on developing basic technological expertise and leadership in administering computer technology in the workplace.
ACED 3101. Computerized Office Acct (eM). 3-0-3 Units.
Hands-on application of bookkeeping and computer concepts through the installation, set-up, and use of a typical integrated computerized accounting software system, including setup and maintenance of software, management of a chart of accounts and ledgers, analysis of transactions, generation of financial reports, file and data management, and system security.
Prerequisites: ACED 2400 or CS 1000 or instructor consent; and ACED 2101 or ACCT 2101.

ACED 3400. Applied Computer Tech. 3-0-3 Units.
Development of intermediate and advanced skills in the use of spreadsheet, database, and presentation software. Emphasis is placed on creation of computer projects appropriate to the student's major.
Prerequisites: ACED 2400 or CS 1000, or instructor consent.

ACED 4050. Office Management. 3-0-3 Units.
Fundamentals of organizational behavior, management, and training, examined through the applied context of business education, office administration, technology and training. Topics include function of management, education, legislation, personnel, supervision and training.
Prerequisites: Overall GPA of 2.3.

ACED 4070. Office Applications. 3-0-3 Units.
Focus on three major aspects of office administration--business calculations, machine transcription and records management. Emphasis in the course is on solving business mathematics problems using the electronic calculator, keying a variety of business documents from machine transcription, and completing a records management simulation.
Prerequisites: Grade of 'C' or better in ACED 2050, ACED 2300, and ACED 3400; overall GPA of 2.3 or higher; restricted to OAT, OATX, and OATO majors.

ACED 4820. Project Mgt for Tech Prof (eM). 3-0-3 Units.
Provides an introduction to the process of project management. Focus is on building the students' understanding of the tools and strategies available to facilitate the management of multiple ongoing projects within a technical environment. Topics include: planning systems, mission and vision statements, performance objectives, time and course estimation, diagraming techniques, and performance monitoring through control systems.

ALHT Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

ALHT 1130. Allied Health Terminology. 3-0-3 Units.
A study of medical language including word construction, definition, spelling, and proper usage of terms related to most allied health disciplines. Focuses on basic normal structure and function of the human body. Topics include: an overview of each body system, how systems coordinate activities to maintain a balanced state, recognizing deviations from the normal, and medical terminology including basic word structure and terms related to body structure and function are taught as an integral part of the course.

ALHT 1170. Caring for Patients. 3-0-3 Units.
Introduces the student to the nuances of working in a multi-cultural healthcare environment, defines culture, the difference between surfaces and deep culture, and the nature of communication between workers of different cultures. Explores rituals surrounding birth, family structure and relationship, and how to deal with visitors and/or demanding families, cultural differences in expressions of pain, and attitudes toward sickness and death. (Career Course)

ALHT 1175. Healthcare Mgmt Practicum. 0-6-2 Units.
The student will be assigned to an area health care facility to apply the techniques learned in the classroom. Students will meet for a problem-solving seminar on a weekly basis. (Career Course)

ARTS Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

ANTH 1103. Intro to Cultural Anthropology. 3-0-3 Units.
Examines various types of human society. While an introduction is provided to the four fields of anthropology--archaeology, cultural anthropology, linguistics, and physical anthropology--the major emphasis is placed on the study of human culture. (F)
Prerequisites: ENGL 0999 unless exempt.

The college reserves the right to cancel or delete any course with insufficient enrollment.
Courses

ARTS 1020. Two-Dimensional Design. 2-2-3 Units.
Provides an introduction to the principles of design as organizational tools used to create effective visual statements. Explores a variety of approaches to illustrating the use of design. Additionally, utilizes basic processes, tools, and materials to create two-dimensional designs.

ARTS 1100. Art Appreciation. 3-0-3 Units.
Introduces students to the visual arts and their roles in Western and non-Western traditions through an examination of the vocabulary and elements of art, their media, and their cultural contexts. Explores significant visual achievements in painting, sculpture, and architecture from ancient times to the contemporary period. (F, S) (Satisfies the Global Perspectives requirement). Pre- or co-requisite ENGL 0999, unless exempt.

ARTS 2020. Color Theory. 3-0-3 Units.
Serves as an introductory course on color theory where color and its interactions will be introduced through the use of lecture and student exercises. Color relationships will be explored as they apply to historical color perception, expression, and application.

ASTR Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

ASTR 1010. Astronomy of the Solar System. 3-0-3 Units.
Astronomy from the early ideas of the cosmos to modern observational techniques. The solar system, planets, satellites and minor bodies. The origin and evolution of the solar system. Astronomy lab is available to those students taking or who have taken ASTR 1010. (FS) Prerequisites: MATH 1001, MATH 1101, or MATH 1111, and ENGL 0999 unless exempt.

ASTR 1010L. Astronomy of Solar Sys. Lab. 0-1-1 Unit.
An introduction to the elementary tools of astronomy, to include exploratory labs about the planets in our solar system. Prerequisites: MATH 1001, MATH 1101, or MATH 1111, and ENGL 0999 unless exempt; Pre or Corequisite: ASTR 1010.

ASTR 1020. Stellar and Galactic Astronomy. 3-0-3 Units.
The study of the Sun and stars, their physical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin and evolution of the Universe. (FS) Astronomy lab is available to those students taking or who have taken ASTR 1020. Prerequisites: MATH 1001, MATH 1101, or MATH 1111, and ENGL 0999 unless exempt.

ASTR 1020L. Stellar & Galac. Astronomy Lab. 0-1-1 Unit.
An introduction to the elementary tools of astronomy, to include exploratory labs about stellar evolution, galaxies and cosmology. Prerequisites: MATH 1001, MATH 1101, or MATH 1111, and ENGL 0999 unless exempt, Pre or Corequisite: ASTR 1020.

BIOL Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

BIOL 1011K. Introduction to Biology. 3-2-4 Units.
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components. Prerequisites: ENGL 0999 unless exempt.

BIOL 1012K. Introductory Biology II w/ Lab. 3-2-4 Units.
This course covers the evolution and diversity of organisms, including microbes, protists, fungi, plants, and animals. Additional topics include body systems, the immune system, reproduction and development, and ecology. For non-biology majors only.

BIOL 1100. Human Biology. 3-0-3 Units.
Prepares students for employment in the health professions. Topics include basic chemistry, cell biology, genetics, and digestive, excretory, respiratory, circulatory, endocrine, reproductive, and skeletal systems. Laboratory demonstrations and practices are included. (Career Course) (FS, M)

BIOL 1105K. Environmental Studies. 3-2-4 Units.
Focuses on the interrelationship of the biological and physical components of the environment and the impact of human activities on the biosphere. (FS, M) Prerequisites: ENGL 0999 unless exempt.

BIOL 1107H. Honors Principle of Biology I. 3-2-4 Units.
Introduces fundamental unifying principles of biology. Topics include scientific method, biological chemistry, cell structure and function, energetics, cell division, genetics and evolution. (FS, M) Prerequisites: ENGL 0999 unless exempt.

BIOL 1108K. Principles of Biology II. 3-2-4 Units.
Continuation of BIOL 1107K. Topics include the structure and function of the following animal, including human, systems: nervous, circulatory, immune, respiratory, digestive, urinary, endocrine, and reproductive, as well as diversity, development, behavior and ecology. (FS, M) Prerequisites: BIOL 1107K.

BIOL 1203K. Principles of Botany. 3-2-4 Units.
Introduces students to plant cell biology, anatomy, physiology, genetics, biotechnology, economic importance, diversity, and classification. Teaches students sterile technique, basic plant tissue culture, and techniques for microscopic observation of plants. (S) Prerequisites: ENGL 0999 unless exempt.
BIOL 1224K. Entomology. 3-2-4 Units.
Provides an introduction to the anatomy, biology, and behavior of insects. The laboratory emphasizes classification and identification of insects to family, which are required as part of assembling a collection during the course. (F)
Prerequisites: ENGL 0999 unless exempt.

BIOL 2212K. Anatomy and Physiology I. 3-3-4 Units.
Focuses on the study of human anatomy and physiology. Topics include chemistry, cells, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study.) (F,S,M)
Prerequisites: BIOL 1107K, except Associate of Science in Nursing (2 year) majors, Associate of Applied Science in Radiologic Technology and Associate of Applied Science in Respiratory Therapy.
Prerequisites: ENGL 0999 unless exempt.

BIOL 2213K. Anatomy and Physiology II. 3-3-4 Units.
Continues the study of human anatomy and physiology begun in Biology 2212. Topics covered include the circulatory-lymphatic, immune, respiratory, digestive-metabolic, excretory, and reproductive systems and human development and heredity. (This course will NOT satisfy an Area D requirement and will only satisfy an Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 2212K or permission of MLT advisor.

BIOL 2215K. Microbiology. 3-2-4 Units.
Introduces students to the biology of viruses, bacteria, fungi, and protozoan and animal parasites. Teaches students the fundamental principles of microbiology with special emphasis on the relationships of microbes to man. Trains students to isolate, culture, and identify microbes in a laboratory. (This course will satisfy an Area D or Area F requirement only if specifically listed as an option for the program of study). (F,S,M)
Prerequisites: BIOL 1107K or BIOL 2212K.

BIOL 2270. Ethical Issues in Science. 2-0-2 Units.
Provides an introduction to basic ethical concepts and develops the concept of ethical decision-making and how this applies to the increasing number of biological ethics issues made daily. A variety of bioethical questions will be proposed and students will explore the science and social science aspects of each particular question. (F,S)
Prerequisites: BIOL 1108K.

BIOL 3000. Research Methods in Biology. 3-0-3 Units.
Prepares students for independent research by training them in laboratory safety, storage and disposal of reagents, standard methods and equipment used for research in a range of specialties and the ethical conduct of research. Students will develop skills in critical analysis of literature, experimental design, project proposal preparation, maintain lab log books, data analysis, time-management and oral and written presentation of results. This class is a suggested pre or co-requisite for BIOL 3900 and BIOL 4960. (F,S)
Prerequisites: BIOL 1108K, COMM 1110, MATH 2200 or MATH 1401.

BIOL 3150. Science and Society. 3-0-3 Units.
This course provides historical and contemporary perspectives on the roles of science and technology in society. Specific historical periods will be reviewed, with selected biographical information to gain a social perspective relative to an individual scientist’s contributions to a field, and the impact of science and technology on society. Current topics will be covered. Potential topics may include vaccines (e.g. historical research, currently available vaccines, and social controversies related to usage), climate change (e.g. aspects of ecology, evolution, energy policy & technology), reproductive biology (e.g. birth control, abortion), aging (e.g. theories of aging, medical treatments for age-related pathologies, social and economic costs), or other regional scientific issues and history.
Prerequisites: BIOL 2270, instructor approval for Study Abroad program and Upper division eligibility.

BIOL 3200K. Cellular Biology. 3-3-4 Units.
An exploration of the basic unit of living organisms. Study of the structure and function of cellular structures with emphasis on the unifying nature of cell membrane systems, cellular energetics, motility and transport intercellular interactions, cellular communication, and cell division. Laboratory experiences introduce basic cytological study techniques. (F,S)
Prerequisites: BIOL 1108K, CHEM 1212K.
Corequisites: CHEM 3211K.

BIOL 3300K. Developmental Biology. 3-2-4 Units.
Introduces students to the developmental process in animals with the formation of gametes through the embryonic stages, birth, maturation and aging. Anatomical development, experimental embryology and the molecular mechanisms of cell differentiation will be covered. Laboratory techniques in developmental biology including animal cell and tissue cultures will be utilized. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

BIOL 3340K. General Microbiology. 3-2-4 Units.
Introduces students to the biology of noncellular, prokaryotic, and eukaryotic microorganism. Topics include microbial metabolism, genetics, systematics, pathogenesis, epidemiology, and ecology. The history of microbiology, host defense against disease, and human exploitation of microbes will also be studied. The laboratory introduces students to the culture and identification of microorganisms. (Fall as enrollment requires)
Prerequisites: BIOL 1108K, CHEM 1211K.

BIOL 3400K. Genetics. 3-3-4 Units.
A study of Mendelian principles, molecular genetics and population genetics. Topics include simple Mendelian inheritance, extensions of Mendelian inheritance, linkage, genetic mapping, quantitative inheritance, population genetics, prokaryotic genetics, and molecular genetics. (F,S,M)
Prerequisites: BIOL 3200K, CHEM 3211K; Corequisite: CHEM 3212K.

BIOL 3500K. Ecology. 3-3-4 Units.
A study of the interrelationships of organisms with their physical and biological environment. Topics include an exploration of adaptations, population structure and dynamics, organization and classification of communities, and nutrient and energy flows in ecosystems. (F,S,M)
Prerequisites: BIOL 1108K.
Corequisites: CHEM 1211K.

BIOL 3510K. Plant Biology. 3-3-4 Units.
An in-depth examination of the structures, growth, reproduction, competition, survival, and diversity of plants. (S)
Prerequisites: BIOL 1108K, CHEM 1211K.
Biology Courses

Biol 3520k. Invertebrate Zoology. 3-3-4 Units.
An in-depth examination of the taxonomy, morphology, physiology, and evolution of the more common invertebrate phyla. A study of the distribution and interspecific relationships among invertebrates and other forms of life. (Fall as enrollment requires)
Prerequisites: BIOL 3200K.

Biol 3550. Conservation Biology. 3-0-3 Units.
An in-depth study of the biological aspects of environmental crises and how principles from major areas in biology can provide solutions to the conservation of species and ecosystems. Major topics will include population ecology, population genetics, and community ecology. Because of the interdisciplinary nature of conservation we will discuss the social and political aspects of the field. Supplemental readings will come from primary literature. A semester long project which requires developing a management plan for a novel environmental problem is required. (Fall as enrollment requires)
Prerequisites: BIOL 1108K.

Biol 3600k. Ornithology. 3-3-4 Units.
Birds have been the subjects of scientific investigation for centuries, and research on birds has contributed much to our modern understanding of morphology, physiology, behavior, ecology, evolution, and global change. The purpose of this course is to investigate these myriad but interrelated topics with birds as our focus in both lecture and laboratory settings. The course will involve hands-on learning of ornithology using traditional lecture and lab activities along with experimental design and research. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

Biol 3700. Field Biology Techniques. 3-0-3 Units.
This course is designed to expose students to standard field techniques for collecting habitat and specimen data. Additionally, this course is designed to expose students to current peer reviewed literature, learn basics of scientific writing and grant writing, and explore career options for students in biology. (Summer, Even Years)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

Biol 3850. Neuroscience. 3-0-3 Units.
This course introduces the cellular mechanisms of neural signals, neural systems for sensory and motor functions, and the basics of higher order brain functions. Research techniques are discussed in the context of the material. (Fall as enrollment requires)
Prerequisites: BIOL 3200K, CHEM 1212K.

Biol 3900. Readings in Biology. 2-0-2 Units.
Independent study of the literature within a topic of current research in Biology. (F,S,M)
Prerequisites: 12 hours of Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

Biol 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of biology. (F,S)
Prerequisites: 19 hours of 3000/4000 level Biology.

Biol 4100. Immunology. 3-0-3 Units.
Provides an introduction to the cellular and molecular basis of the immune response, which includes antigen presentation, immunogenetics, effector mechanisms, and medical immunology. (Spring as enrollment requires)
Prerequisites: BIOL 3200K.

Biol 4250. Evolution. 3-0-3 Units.
A study of the principles of evolutionary biology including discussions of natural selection, adaptation, population genetics, speciation, and phylogeny reconstruction, and the distribution, abundance and adaptations of living organisms as mediated by the environment and natural selection. (F,S,M)
Prerequisites: BIOL 3400K, CHEM 1212K.

Biol 4275. Bioremediation/Phytoremediation. 3-0-3 Units.
Bioremediation and phytoremediation use microbes and plants, respectively, in the treatment of contaminated soils and water. These methods are increasingly utilized at sites requiring remediation, either individually or in conjunction with more traditional remediation techniques. This course will examine the histories, theories, benefits, drawbacks and applications of various bioremediation and phytoremediation techniques of organic and inorganic pollutants. Some of the techniques addressed will be natural attenuation, biodegradation, bio filtration, phyto extraction and phyto stabilization. (Spring as enrollment requires)
Prerequisites: BIOL 1108K.

Biol 4360k. Comparative Vertebrate A & P. 3-3-4 Units.
Broad comparative analysis of vertebrate morphology by considering anatomical structure and function and the integration of these structures in the individual organism, as well as the functional process of vertebrate organs and organ systems, and their physiological integration. Consideration will be given to the relationship between structure and functional demands of vertebrates to particular environments as well as the details of each vertebrate organ system, emphasizing the structure-function relationship of the organs/organ systems, and the range of structural and evolutionary modifications of organ systems seen in different vertebrate classes. (Spring as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).

Biol 4410k. Molecular Biology. 3-3-4 Units.
In-depth examination of the molecular aspects of cell structure and function, emphasizing the chemical and molecular basis of cellular physiology. Addresses genetic function at the chromosomal and molecular levels, gene expression, and regulation. (Spring as enrollment requires)
Prerequisites: BIOL 3400K, CHEM 3211K.

Biol 4500k. Biotechnology. 3-3-4 Units.
A study of the applied aspects of biochemistry and molecular biology in various fields, with emphasis on the use of recombinant DNA methods and protein engineering. (Fall as enrollment requires)
Prerequisites: BIOL 3400K.

Biol 4600. Ecotoxicology. 3-0-3 Units.
This course provides an introduction to the field of ecotoxicology, classes of contaminants, mechanisms of action, biomarkers, and effects at the individual, population, and community level. Also included will be historical background of the field and the history of environmental legislation in the United States. (Fall as enrollment requires)
Prerequisites: Any 3-4000 level BIOL courses (excludes BIOL 3900, BIOL 4800, BIOL 4960).
BIOL 4800. Service Learning in Biology. 0-0-2 Units.
Independent internship with a field of biology or lecture assistantship or laboratory assistantship within a biology course at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M) Students with a laboratory assistantship must have successfully completed the course with a B or better. Prerequisites: 12 hours of Biology and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BIOL 4850K. Human Dissection. 0-4-3 Units.
This is a laboratory course that requires dissection of a human cadaver which will be used as an instructional aid in other courses at Dalton State. Students will review the history of cadaver use, demonstrate various dissection techniques and knowledge of medical human anatomy. (S) Prerequisites are 3 upper level BIOL courses and permission of the instructor.

BIOL 4900. Special Topics in Biology. 3-0-3-4 Units.
Advanced concepts in biology will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. Course may be repeated for credit when topic differs. (Offered as Needed) Prerequisites: BIOL 3400K and 3 additional upper level Biology courses.

BIOL 4960. Research in Biology. 0-0-1-3 Unit.
Research project conducted by a student under guidance of a faculty member. Repeatable for a maximum of 4 hours. (F,S,M) Justification: These were rewritten by the URC to facilitate getting TAs/Research students in lower level classes. We still require both instructor and chair approval, as before. Prerequisites: 16 hours Biology courses and approval of a faculty supervisor and Chair of Department of Life Science required before registration.

BUSA Courses
Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses
BUSA 2106. The Environment of Business. 3-0-3 Units.
Introduces the political, social, legal, ethical, environmental, and technological issues that affect or are affected by business decisions. Topics include stakeholder analysis, social responsibility, ethics, globalization, business-government relations, and fair trade. (F (Day & Evening), S (Day & Evening))

BUSA 2201. Fundamentals of Computer Appli. 3-0-3 Units.
Assures a basic level of computer applications literacy to include spreadsheet, database, word processing, and presentation software. (F (Day & Evening), S (Day & Evening), M (Online)) Prerequisites: MATH 1101 or higher.

BUSA 2850. Business Statistics. 3-0-3 Units.
Emphasizes applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, hypothesis testing, and linear regression. Microsoft Excel is an integral part of the course and is used in all aforementioned topics. (F (Day & Evening), S (Day & Evening), M (Online)) Prerequisites: USA 2201, MATH 2181 (or concurrent).

BUSA 3000. Environmental Law and Policy. 3-0-3 Units.
Survey of national and state agencies and provisions of environmental laws and ordinances at all levels of government, including NEPA, Endangered Species Act, Clean Water Act, Clean Air Act and CERCLA. This course has a web component. Prerequisites: Upper Division Eligibility.

BUSA 3050. Business Statistics. 3-0-3 Units.
Emphasizes applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, hypothesis testing, and linear regression. (F,S) Prerequisites: MATH 2181 or concurrent, Upper Division eligibility.

BUSA 3055. Quantitative Analysis Bus Prob. 3-0-3 Units.
Develops analytical skills for business decision making using Microsoft Excel. Topics include time-series forecasting, profit models, optimization, simulation and decision analysis. Excel is used in all of the aforementioned topics extensively. (F (Day & Evening), S (Day & Evening)) Prerequisites: Upper Division Eligibility and USA 2850.

BUSA 3060. Business Law. 3-0-3 Units.
Covers the source of law and courts, and introduces tort law along with the historical, economic, political and ethical considerations in business and the impact of regulatory and administrative law on business. Topics include property law, contracts, and environmental issues. (F (Day & Evening), S (Day)) Prerequisites: Upper Division Eligibility.

BUSA 3070. Business Ethics. 3-0-3 Units.
Defines ethics, explores models of personal ethics, and reviews ethics in a variety of professional fields. In addition the course examines the relationship between business ethics and corporate social responsibility. Topics include corporate governance, trust and honesty in business, the role of ethics in managerial decision-making and behavior, the ethical use of information, and international ethics. (F (Day), S (Day & Evening)) Prerequisites: Upper Division Eligibility.

BUSA 3301. Business Communications. 3-0-3 Units.
This course is designed to prepare students to write and speak in a variety of business settings; to communicate effectively with business audiences by addressing strategic issues such as crisis communication, management of communication programs in a social media environment; communication skills with new technologies; and building key strategic and interpersonal relationships in business. The course also emphasizes basic skills in report writing and researching for sources, as well as writing effective business memos. (F (Day & Evening), S (Day & Evening), M (Day)) Prerequisites: USA 2106, COMM 1110, and ENGL 1102
BUSA 3351. International Business. 3-0-3 Units.
This course provides a broad overview of international business and trade, and the impact of the international business environment on management decisions. Topics of the course include international business basics such as trade, barriers to trade, and the relationship between international business and international relations; effects of international business decisions of culture, political, legal, and economic forces; effects of government intervention and the role of social and economic aid organizations. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, ECON 2105 or ECON 2106, both with a 'C' or better.

BUSA 3360. Business Negotiation Skills. 3-0-3 Units.
Students will develop the negotiation skills needed to produce more creative and satisfying agreements and avoid the worst kind of compromises. The class will focus on using theory and negotiation simulation exercises as the primary pedagogical tool. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and BUSA 3301 with a ‘C’ or better.

BUSA 3400. Quantitative Theory/Tech Mngt. 3-0-3 Units.
This is a one-semester course covering techniques, methods and applications of differential and integral calculus. As the name indicates, this course deals with calculus and its applications, especially those concerned with business and social sciences. Topics to be discussed will include: differentiation and anti-differentiation of algebraic, exponential, and logarithmic functions; applications of differentiation and integration; and functions of two variables. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in the BAS program. (As Needed)
Prerequisites: Earned AAS, AAT or equivalent from a regionally accredited institution is required.

BUSA 3532. Bus Analytics/Data Mining. 3-0-3 Units.
The course introduces students to business analytics and data mining. Topics include introduction to business analytics, data visualization, data transformation, cluster analysis, association analysis, decision trees, logistics regression, neural network and model performance evaluation. (S (Evening))
Prerequisites: Upper Division Eligibility, BUSA 2850 or MATH 2200 both with a 'C' or better.

BUSA 3700. Business Admin Internship. 0-0-0 Units.
Provides students with on-site work experience in Business Administration through an internship experience with a pre-approved employer. This is a non-credit course. (F, S, M)
Prerequisites: Upper Division Eligibility and approval from internship faculty advisor.

BUSA 3701. Prof Development Seminar. 1-0-1 Unit.
This class is designed to aid students in transitioning from the academic world to a professional business work environment. It will provide students with experience in applying for jobs, interviewing, networking, and business etiquette as well as expose them to other relevant and timely topics for advancing in the business world. (F (Day), S (Day))
Prerequisites: Upper Division Eligibility and BUSA 3301 with a ‘C’ or better.

BUSA 4700. Senior Seminar. 1-0-1 Unit.
Features the practices and administration of business, as well as the preparation needed for success in the job market. Topics include resume writing, interviewing skills, and personal financial management. (F, S)
Prerequisites: Upper Division eligibility.
Corequisites: MNGT 4701.

BUSA 4800. Special Topics in Business. 1-0-1-4 Unit.
Examines current, relevant topics. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility.

BUSA 4851. Spec Topics International Bus. 3-0-3 Units.
This course focuses on the business issues corporations face when doing business internationally, specifically focusing on doing business in the country visited. Course includes an international study abroad experience. Topics include culture, general business comparisons, international business issues, and cross-cultural communication.
Prerequisites: Upper Division Eligibility and BUSA 3351 with a ‘C’ or better.

BUSA 4900. Business Internships. 0-0-3 Units.
Provides students with on-site work experience in Business through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Business internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisite (s): Upper Division Eligibility and 9 credit hours of upper division in ACCT, BUSA, MARK, MGIS, MNGT, or OPMT of which 3 credit hours must be in BUSA; and all with a ‘C’ or better.

CAPS Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

CAPS 1101. Introduction to Computers. 2-2-3 Units.
If a student has no computer experience, it is advised to take OADM 1140. Students who have no knowledge of computer key function and do not type a minimum 20 words per minute are urged to take OADM 1140, either prior to, or in conjunction with, this course. A survey of computer-related topics; including the basic elements of a computer system, ways in which computers can be used, and their organizational and social impact. Hands-on experience with microcomputers using Microsoft Windows, data-management, and electronic-spreadsheet programs. This course satisfies the computer literacy requirement. (Career Course) (F, S, M)

CAPS 1140. Microcomputer Operating System. 2-2-3 Units.
An overview of operating system essentials for microcomputers, with emphasis on a current version of MS-­­­­Windows. This course satisfies the computer literacy requirement. (Career Course) (F, S)

CAPS 1145. Introduction to Networks. 3-0-3 Units.
Introduces the architecture, structure, functions, components, and models of the Internet and computer networks. The principles of IP addressing and fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. (F, S)
CAPS 1152. Linux. 3-0-3 Units.
Study of the Linux operating system, to include basic system operation and access, system installation and configuration, file system organization, file management and manipulation, shell usage, and system maintenance and security. This course satisfies the computer literacy requirement.(F)
Prerequisites: CAPS 1140.

CAPS 1211. Intro to RPG Programming. 3-2-4 Units.
Students design, code, and test programs using the Report Program Generator (RPG) language. Programs written include report editing, mathematical operations, use of subroutines to support structured programming, IFS and case structures, and external and logical files.(As needed for Industry)

CAPS 1212. Advanced RPG Programming. 3-2-4 Units.
A continuation of CAPS 1211. Programs written include file processing, interactive applications, tables and arrays, and subfiles. Review of RPG logic cycle.(As needed for Industry)

CAPS 1213. Control Lang Prog iSeries 400. 2-2-3 Units.
Introduces concept, purpose, uses, and implementation of Control Language (CL) programming. Emphasis is on CL syntax and interactive and batch programs in the iSeries environment.(As needed for Industry)

CAPS 1216. Database/Interactive Applicati. 3-2-4 Units.
This course involves Database design; queries; application development in a database environment. Students receive hands-on experience with a rational database package.(As needed for Industry)

CAPS 1240. Advanced Topics in CAPS. 3-0-3 Units.
Selected topics in the use of the computer based on current needs and trends; for example, an in-depth exploration of an operating system or an introduction to a programming language not currently taught. This course satisfies the computer literacy requirement.(F)
Prerequisites: CAPS 1270.

CAPS 1270. Switch, Route, Wireless Ess. 3-0-3 Units.
Describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks.(F) Prerequisites: CAPS 1145.

CAPS 1275. Comp Syst/Networking Security. 3-0-3 Units.
An introduction to communication security in computer systems and networks. Both information flow and information integrity policies will be considered. Topics include: authentication, protection, security models, cryptography, application, hacker tools and public policy, along with case studies.(Offered as needed)
Prerequisites: CAPS 1140.

CAPS 1276. Ent Net, Security, Automation. 3-0-3 Units.
Describes the architecture, components, and operations of routers and switches in a large and complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network.(FS)
Prerequisites: CAPS 1270.

CAPS 1277. Connecting Networks. 3-0-3 Units.
Discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students also develop the knowledge and skills needed to implement IPsec and virtual private network (VPN) operations in a complex network.(FS)
Prerequisites: CAPS 1276.

CAPS 1390. Intro to Cybersecurity. 3-0-3 Units.
Covers foundational knowledge in all aspects of security in the cyber world, including information security, systems security, network security, mobile security, physical security, ethics and laws. Students gain skills in related technologies, procedures, defense and mitigation techniques used in protecting business assets and interests. Prerequisites: Any 2 of the following courses: CAPS 1145, CAPS 1152, CMPS 1301, CMPS 1302

CAPS 2278. CCNA Security. 3-0-3 Units.
This course provides an introduction to the core security concepts and skills needed for the installation, troubleshooting, and monitoring of network devices to maintain the integrity, confidentiality, and availability of data and devices. This course is a hands-on, career-oriented e-learning solution with an emphasis on practical experience to help students develop specialized security skills, along with critical thinking and complex problem solving skills.(S)
Prerequisites: CAPS 1270.

CHEM Courses

CHEM 1151K. Survey of Chemistry. 3-3-4 Units.
Introduces the fundamentals of chemistry including general principles of atomic structures, bonding, reactions, gases, water, solutions, pH and elementary organic chemistry and biochemistry.(S)
Prerequisites: MATH 1001, 1101, or 1111 and ENGL 0999 unless exempt.

CHEM 1211K. Principles of Chemistry I. 3-3-4 Units.
Explores the discipline of chemistry through an understanding of the basic laws and properties of matter, stoichiometry, atomic structure, chemical bonding, gas laws, solutions and the physical states of matter. Requires laboratory experimentation which illustrates applications of concepts studied in lecture.(F,S,M)
Prerequisites: MATH 1111 with a grade of ‘C’ or better, ENGL 0999 unless exempt.

The college reserves the right to cancel or delete any course with insufficient enrollment.
CHEM 1212K. Principles of Chemistry II. 3-3-4 Units.
Continues the exploration of the discipline of chemistry begun in CHEM 1211. Focuses on the more quantitative aspects of chemistry including chemical equilibria, kinetics, acid-base, solubility product, electrochemistry and coordination compounds. Requires laboratory development of techniques necessary to identify common metallic and non-metallic ions. (F,S,M)
Prerequisites: CHEM 1211K.

CHEM 2000. Scientific Communication. 2-0-2 Units.
An introduction to the principles of ethics in the chemical sciences. Also, the infrastructure of scientific scholarship is introduced with an emphasis on interaction with the scientific community, responsible conduct in research, and communication of scientific findings. (F)
Prerequisites: CHEM 1212K.

CHEM 3211K. Organic Chemistry I. 3-3-4 Units.
Introduces the chemistry of organic compounds including aliphatic and aromatic hydrocarbons, stereochemistry, monofunctional compounds and some polyfunctional compounds. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. (F,S,M)
Prerequisites: CHEM 3212K.

CHEM 3212K. Organic Chemistry II. 3-3-4 Units.
Continues the exploration of the chemistry of organic compounds with an emphasis on the characteristics and reactions of a variety of functional groups. Requires the illustration of techniques for synthesis, separation, purification and identification of organic compounds in the laboratory. (F,S,M)
Prerequisites: CHEM 3211K.

CHEM 3311K. Quantitative Analysis. 3-4-4 Units.
Introduction to statistics. The use of spreadsheets. Principles and techniques of volumetric analysis. Concepts of chemical equilibria as applied to acid-base, precipitation, and complex ion reactions. Electrochemistry and potentiometry. Introduction to spectroscopy and chromatography. (F)
Prerequisites: CHEM 1212K and MATH 1113.

CHEM 3312K. Instrumental Methods of Analysis. 3-3-4 Units.
Theoretical principles and uses of modern instrumental methods covering: measurement theory, atomic spectroscopy, molecular spectroscopy, mass spectrometry, electrometry, electroanalysis and chromatographic separations. (S)
Prerequisites: CHEM 3311K.

CHEM 3411K. Physical Chemistry I. 3-3-4 Units.
A study of macromolecular phenomena in terms of micro molecular concepts including the gas state and thermodynamic. (F)
Prerequisites: CHEM 1212K, MATH 2254, PHYS 1112K or PHYS 2212K.

CHEM 3412K. Physical Chemistry II. 3-3-4 Units.
A continuation of CHEM 3411K including liquid and solid state, kinetics, and equilibria. (S)
Prerequisites: CHEM 1212K, MATH 2254, and PHYS 1112K or PHYS 2212K.

CHEM 3500. Biochemistry. 3-0-3 Units.
The chemical aspects of protein, carbohydrate, lipid, and nucleic acid, and enzyme function, bioenergetics, metabolism, photosynthesis, nucleic acid function, and protein biosynthesis. (S,M)
Prerequisites: BIOL 1107K and CHEM 3211K.

CHEM 3700K. Environmental Chemistry. 3-3-4 Units.
This course will cover the environmental chemistry involving the transport, distribution, reactions, and speciation of inorganic, organometallic and organic chemicals occurring in the air, soil and water environments at the local, national and global scale. Environmental transformations and degradation processes, toxicology, pollution and hazardous substances will be discussed. (S)
Prerequisites: CHEM 3212K.

CHEM 3900. Readings in Chemistry. 0-0-2 Units.
Independent in-depth study of the literature within a topic of current research in Chemistry. Approval of a faculty supervisor required before registration. (F,S)
Prerequisites: 12 hours of Chemistry and permission of the instructor.

CHEM 4000. Senior Seminar. 2-0-2 Units.
Survey of various topics, especially highlighting the interdisciplinary nature of chemistry. (S)

CHEM 4110K. Advanced Inorganic Chemistry. 3-3-4 Units.
Advanced theories of bonding and structure in inorganic chemistry with emphasis on ligand field theory, bioinorganic chemistry, and organometallic chemistry. (F)
Prerequisites: CHEM 3212K, CHEM 3311K.

CHEM 4420. Adv Organic Spectroscopy. 3-0-3 Units.
This course is intended to introduce the spectroscopic methods used in the modern determination of organic structures. This will primarily consist of the study of mass spectrometry (MS), infrared (IR) spectroscopy, and nuclear magnetic resonance (NMR) spectrometry. Some discussion will be devoted to instrumental methods, but the primary focus of the course will be acquiring skill in the interpretation of this spectral data. This course will include hands-on experience using instrumentation. (F)
Prerequisites: CHEM 3212K.

CHEM 4430. Advanced Organic Chemistry. 3-0-3 Units.
Advanced topics in organic chemistry. Such topics include biomolecules, stereochemistry, physical organic chemistry, and heterocycles. (F)
Prerequisites: CHEM 3212K.

CHEM 4480. Service Learning in Chemistry. 0-0-1-4 Unit.
A lecture assistantship or laboratory assistantship within a chemistry course here at Dalton State. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Approval of both a faculty supervisor and department chair.

CHEM 4860. Internship in Chemistry. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (F,S,M)
Prerequisites: Permission of department chair.

CHEM 4900. Special Topics in Chemistry. 0-0-1-4 Unit.
Advanced concepts in chemistry will be presented, the detailed content varying from year to year. Course may be repeated for credit when topic differs. (Offered as Needed)
Prerequisites: CHEM 3212K and additional 3 upper level Chemistry courses.

CHEM 4960. Research in Chemistry. 0-0-1-4 Unit.
Research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor required before registration. Variable 1-4 hours. Repeatable for a maximum of 4 hours. (F,S)
Prerequisites: 16 hours of Chemistry and permission of the instructor.
**CMPS Courses**

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

**Courses**

**CMPS 1301. Principles of Programming I. 3-0-3 Units.**
Introduces the principles of computer programming. Emphasis is on the design and teaching of correct well-structured algorithms using appropriate control structures with simple data types and data structures.(F,S)
Prerequisites: MATH 1111.

**CMPS 1302. Principles of Programming II. 3-0-3 Units.**
This course continues the development of program design using a modern object-oriented language.(S)
Prerequisites: CMPS 1301.

**CMPS 1371. Computing for Scien & Engineer. 3-0-3 Units.**
Introduces skills and concepts which are needed to use the computer in scientific and engineering work. Topics include design and analysis of algorithms, methods and techniques of scientific computation, and the organization of software.(F,S)
Corequisites: MATH 2253.

**CMPS 2313. Intro to Software Engineering. 3-0-3 Units.**
This course will develop students’ ability to apply a systematic, engineering approach to the development of software systems. Software development process will explore software development life cycles, requirements elicitation, architectural design, design decomposition, implementation, and testing. The course teaches students about modern techniques available for performing activities in each of these areas.(S)
Prerequisites: CMPS 1302.

**CMPS 2720. Data Structures. 3-0-3 Units.**
The design, analysis, implementation and evaluation of the fundamental structures for representing and manipulating data. Structures include collections, lists, linked lists, stacks, queues, trees, heaps, tables.(F)
Prerequisites: CMPS 1301.

**CMPS 2900. Special Topics in Comp Science. 0-0-1-3 Unit.**
Variable 1-3 hours. Special topics in computer science are presented, the content varies with the topic. This course may be repeated for credit when topic differs. (Offered As Needed) Prerequisite: Permission of Instructor

**COMM Courses**

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

**Courses**

**COMM 1100. Human Communications. 3-0-3 Units.**
Provides a broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking. Presents students with an introduction to communication as a field of academic study. In addition, students will be required to demonstrate proficiency in various communication techniques, including public speaking, group presentations, and critical listening skills.(F,S)
Prerequisites: ENGL 0999 unless exempt.

**COMM 1110. Fundamentals of Speech. 3-0-3 Units.**
Presents the basic principles of effective oral communication. Emphasizes planning, researching, organizing, and presenting types of speeches used in business, educational, and political activities. Gives special attention to informative and persuasive extemporaneous speeches. (F,S,M) Pre- or co-requisite ENGL 0999, unless exempt.

**COMM 1110H. Honors Fundamentals of Speech. 3-0-3 Units.**

**COMM 1120. Argumentation and Advocacy. 1-0-1 Unit.**
Explores aspects of speech research and policy analysis. Students will research, develop, and persuasively argue selected topics. Additionally, the course will prepare students for competition in parliamentary and public debate. Issues to be discussed, analyzed, and debated include educational, political, and social events.(S, alternate years)
Prerequisites: COMM 1110.

**COMM 2000. Intro to Mass Communication. 3-0-3 Units.**
Provides a historical and social overview of the mass media and their relationship to the mass communication process in a modern society.(F, S, M)
Prerequisites: COMM 1110 and ENGL 1101 with grades of C or better.

**COMM 2000H. Honors Mass Communication. 3-0-3 Units.**

**COMM 2110. Interpersonal Communication. 3-0-3 Units.**
Focuses on the development of assertiveness, leadership, conflict resolution skills, critical thinking, and greater understanding of the complexities of the communication process. Practical and theoretical applications for all theories and concepts will be discussed.(F, S)
Prerequisites: COMM 1110 with a grade of C or better; ENGL 1101.

**COMM 3000. Intro to Public Relations. 3-0-3 Units.**
An introduction to the history, role, and functions of public relations, including public relations theory, ethics, and industry and career issues. (F)
Prerequisites: COMM 1110 with a C or better; and COMM 2000 or permission of instructor.

**COMM 3001. Principles of Advertising. 3-0-3 Units.**
Explores advertising and promotion as related to level of economic growth, cultural influences, and sociological environments.(S)
Prerequisites: COMM 1110 with a C or better; COMM 2000 or permission of instructor.

**COMM 3100. Intro to Communication Theory. 3-0-3 Units.**
Introduces the students to the diverse insights and approaches to the process of human communication, examining the philosophical and empirical backgrounds to the theories and the practical applications of the theories. The class will emphasize interactivity and use of communication skills as it examines theories of rhetorical, group, mass, interpersonal, and intercultural communication.(F)
Prerequisites: COMM 1110 with a C or better; COMM 2000.
COMM 3101. Writing for Electronic Media. 3-0-3 Units.
Non-fiction writing for television, radio, and the Internet focusing on issues such as public affairs, commercials, documentaries, and narrative pieces. (F) Prerequisite: COMM 1110 with a C or better; and COMM 2000 or instructor permission

COMM 3200. Sports Communication. 3-0-3 Units.
Examines the role communication plays in sports and sports organizations, including marketing, sports journalism, and critical examinations of how controversial issues in sports are discussed and disseminated by the media. (Offered as needed) Prerequisites: COMM 1110 with a C or better; English 1102.

COMM 3220. Persuasive Communication. 3-0-3 Units.
Focuses on the development of critical evaluation, research, and persuasive speaking skills. Individual oral presentations, small group problem-solving discussions, and debating contexts will be considered. (S) Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3301. Communication for Prof Setting. 3-0-3 Units.
Introduces baccalaureate students outside of the School of Business to the purposes, modes, and desired outcomes of oral and written communication in the business and professional workplace. Topics will include internal and external correspondence such as letters, email, reports, and newsletters; communication tasks involved in gaining employment; understanding the contemporary workplace environment; communicating in groups and teams; and public presentation for training and sales. (F, S, M online) Prerequisites: ENGL 1102 with a grade of C or better; COMM 1110 with a grade of C or better; successful completion of at least 30 credit hours.

COMM 3310. Communication Research Methods. 3-0-3 Units.
Examines research methods including survey, experimental, observational, and content analysis methods as well as philosophy of science, research design, measurement, sampling, data collection, analysis, interpretation, and reporting. (S) Prerequisites: COMM 1100, COMM 1110, COMM 2110 with a C or better; COMM 2000; COMM 3100.

COMM 3330. Advanced Communication Skills. 3-0-3 Units.
(F through eMajor) Prerequisites: COMM 1110 with a C or better.

COMM 3331. Nonverbal Communication. 3-0-3 Units.
A review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance. (When needed) Prerequisites: COMM 1110 with a C or better; COMM 2110 or instructor permission

COMM 3332. New Communication Technology. 3-0-3 Units.
Relates the design, development, and the use of new communication technologies to social, economic, and policy implications. (Offered as needed) Prerequisite: COMM 1110 with a C or better; COMM 2000

COMM 3350. Listening. 3-0-3 Units.
This course teaches students to understand the complexity of listening and the nature of listening in the human communication process. This course will stress six skill areas: 1) hearing messages, 2) understanding messages, 3) remembering messages, 4) interpreting messages, 5) evaluating messages, and 6) responding to messages. (F, alternate years) Prerequisite: COMM 1110 with a C or better; COMM 2110

COMM 3400. Organizational Communication. 3-0-3 Units.
Introduces students to the processes and principles that explain the way organizations communicate both internally and externally. Examines topics such as organizational cultures, conflict management, initiating change, leadership, team building, globalization, technology, and organizational diversity, etc. Exposes students to organizational communication from a historical and theoretical perspective, as well as an examination of current trends. (F) Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3405. Readings in Leadership & Commu. 3-0-3 Units.
Examines leadership theory in light of the communication discipline (in reference to communication theory and practice) and offers opportunities for students to understand leadership theory and to examine practices of communication in leadership across multiple sectors of social, educational, and political contexts. (F, alternate years) Prerequisites: COMM 1110 and COMM 2000

COMM 3425. Communication Small Grps/Teams. 3-0-3 Units.
Examines the theories behind small group interaction with a view to equipping students to perform leadership roles in small educational discussion groups, work teams, parliamentary style meetings, and decision-making groups. Emphasis will be placed on practical application, listening skills, conflict resolution, arriving at consensus, creativity, and critical thinking with many opportunities for leadership development. (F, alternate years) Prerequisites: COMM 1110 with a C or better; COMM 2000

COMM 3500. Humor Communication. 3-0-3 Units.
Explores humor as a communication device in a variety of contexts including, but not limited to, interpersonal communication, public address, organizational communication, language health communication, humor theory, intercultural communication, and humor in the media. Focuses on theoretical moorings and application to real-world settings. (S) Prerequisites: COMM 1110 with a C or better; ENGL 1101.

COMM 3510. Political Communication. 3-0-3 Units.
This course will examine political campaigns, elections, and American politics with regard to the use of communication. Strategic communication and planning campaign strategies will also be covered. (When needed) Prerequisites: COMM 1110 with a C or better; COMM 2000; COMM 3100.

COMM 3700. Intro to Video Production. 3-0-3 Units.
Presents the basic skills in pre-production, video production, and post-production. Specific skills will include storyboarding, lighting, audio recording, cinematography, and non-linear audio and video production. (F) Prerequisites: COMM 1100, COMM 2000, and COMM 2110.

COMM 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one's own work and the work of others as a screenwriter, dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years) Prerequisites: ENGL 1102 with a C or better.
COMM 3801. Epublishing. 3-0-3 Units.
Introduces the student to the following categories in Epublishing: history of the phenomena of epublishing, current venues for self- and traditional publishing through ebooks, technology used for formatting and reading ebooks, marketing ebooks, and social media. This class also contains a creative writing component in which students will do and receive peer review on their writing projects. (When needed)
Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 3900. Special Topics Communication. 3-0-3 Units.
Offers an examination of rotating topics relevant to the field of communication. This course may be repeated twice for credit when topics vary. (When needed)
Prerequisites: COMM 1110 with a C or better; ENGL 1102.

COMM 4000. Communication Internship. 0-10-3 Units.
Provides experience in applying communication skills in a variety of professional environments, including large corporations, media outlets (television, radio, newspapers, etc.), educational institutions, and others. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Repeatable for a maximum of 6 credit hours. (F, S, M)
Prerequisites: COMM 1110 with a C or better; 15 hours of COMM coursework and permission of instructor.

COMM 4001. Applied Research Methods. 3-0-3 Units.
Builds on COMM 3310 to strengthen communication majors’ knowledge and proficiency in conducting mixed-methods research that includes qualitative and quantitative methods, in analyzing and interpreting data to include basic descriptive and inferential statistical analyses, and drawing defensible conclusions. The instructor may allow individualized or group projects to teach these skills. Methods valuable to academic and industry research will be included. Students will learn about Institutional Review Board approval, selecting methodologies, conducting data collection and analysis, and presenting findings orally and in writing. Presentation in a public forum is also possible. (F)
Prerequisites: COMM 3310 and 3100.

COMM 4100. Integrated Marketing Comm. 3-0-3 Units.
This course will provide students with both a theoretical and practical understanding of integrated marketing communication, such as outbound and outbound promotional channels—advertisements, direct marketing, public relations, sponsorships, sales promotion, interactive and social media, and more. (S) Prerequisite: COMM 1110 with a C or better; COMM 2000, COMM 3100, COMM 3301

COMM 4110. Interperson Comm/Conflict Mgmt. 3-0-3 Units.
Introduces students to the basic principles of effective communication and conflict interaction. Explores conflict in groups, organizations, romantic relationships, family relationships, and friendships, building from a primarily interpersonal focus to investigate how conflict occurs and is handled in broader contexts. (S, alternate years)
Prerequisites: COMM 3100.

COMM 4140. Mass Media & Popular Culture. 3-0-3 Units.
Explores contemporary popular culture via critical cultural theories that examine social dimensions such as power, gender, cultural identity, media aesthetics, and visual communication. The class will consider the impacts of the production and reception of modern media texts. (F, alternating years)
Prerequisites: COMM 2000, COMM 3100.

COMM 4180. Media Effects. 3-0-3 Units.
Examines individuals’ selection, uses, and perceptions of media and the effects of media on individuals’ attitudes, beliefs, and behaviors. (S)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4200. Social Media Communication. 3-0-3 Units.
This course explores the evolution of social media platforms, the research methodologies and emerging research in social media platforms, and current and future trends in the industry and scholarship. (F, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 3100.

COMM 4300. Emerging Media. 3-0-3 Units.
Provides students with in-depth historical and social perspectives on newly emerged and emerging digital media, namely in the form of the internet, and explores their relationship to the communication process in contemporary society. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000, COMM 3100.

COMM 4380. Law & Ethics in Communication. 3-0-3 Units.
This first part of this course will examine the development, interpretation, and case law surrounding the First Amendment and government regulations of media; the second part will explore various philosophical approaches to ethical communication, both public and private, moving from the ancient world to modern theorists. (S, alternate years)
Prerequisites: COMM 1110 with a C or better; COMM 2000; COMM 3100.

COMM 4400. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include Film and the Novel, Representations of Women in Film, Teen Cultures in Film, etc. (S)
Prerequisite: COMM 3100

COMM 4425. Intercultural Communication. 3-0-3 Units.
Explores the meaning of culture, intercultural theories and research and examines the interactions of members of various cultures. Barriers to effective intercultural communication will be examined, as will methods of improving intercultural communication. (F and/or S, as needed)
Prerequisites: COMM 1110 with a C or better; COMM 2000.

COMM 4602. Mass Media and Society. 3-0-3 Units.
Critically explores mass media’s effect and influence on society through an examination of communication theories, concepts, and principles. (F)
Prerequisites: COMM 3100; COMM 2000 with a C or better.

COMM 4711. Gender and Communication. 3-0-3 Units.
Exposes students to the theory and process of gender communication (about and between genders) from an interpersonal context perspective. (As needed)
Prerequisites: COMM 1110 with a C or better; COMM 2110.

COMM 4999. Senior Seminar in Communication. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Topics vary. (F, S)
Prerequisites: 30 hours of upper-level Communication courses and permission of chair and advisor.

CRJU Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, M=Summer.

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Courses

CRJU 1100. Intro to Criminal Justice. 3-0-3 Units.
Introduces the structure, functions, and operations of criminal justice agencies, including the police, the courts, and corrections. (F:S)
Prerequisites: ENGL 0999 unless exempt.

CRJU 2100. Intro to Law Enforcement. 3-0-3 Units.
Provides an overview of law enforcement in a free society and the relationship of police to the criminal justice system as a whole. History, organization, operations, and selected issues are examined. (F)
Completion of or exemption from co-requisite Learning Support English 0999.

CRJU 2200. The Judicial Process. 3-0-3 Units.
Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels. Completion of or exemption from Learning Support English.

CRJU 3100. Criminal Law. 3-0-3 Units.
Offers an overview of both substantive and procedural law related to the definitions, investigations, processing, and punishment of crimes. The course will introduce students to the legal idea of criminal responsibility, the concept and elements of criminal responsibility, required state of mind (mens rea), and prohibited conduct (actus reus). The course discusses the substantive content, structure, and sources of major crimes against persons and property and provides a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches. Prerequisites: CRJU 2200 or 4100.

CRJU 3101. Criminal Law II. 3-0-3 Units.
Offers a more extensive examination of the crimes addressed in CRJU 3100, as well as an exploration of more theoretical issues including Actus Reus, Mens Rea, and the conflict between criminal law and constitutional protections, including the right of privacy, freedom of speech, and religious freedom.

CRJU 3110. Criminal Procedure. 3-0-3 Units.
A study the nature and function of the law regulating the criminal processes, policies, and procedures in the administration of criminal justice. Special attention will be given to United States Supreme Court decisions. (F)
Prerequisites: CRJU 2200 or CRJU 4100.

CRJU 3200. Criminology. 3-0-3 Units.
A study of the nature and scope of crime in society with an emphasis on criminological theories. (S)
Prerequisites: CRJU 1100.

CRJU 3250. Crime and the Media. 3-0-3 Units.
Analyzes the role the mass media has on human behavior, subsequently affecting human judgment, attitudes, perceptions of crime, and societal reactions to crime in general. This course analyzes how the general public processes the ‘criminal event’ and other pertinent information regarding crime and how this process is fundamentally derived from the media and is an instrumental element in the creation of fear of crime. Prerequisites: CRJU 1100.

CRJU 3300. Corrections. 3-0-3 Units.
A study of the history, structure, and functions of corrections as well as the legal and philosophical basis for the punishment of criminal offenders. Prerequisites: CRJU 1100.

CRJU 3350. Drugs in America. 3-0-3 Units.
Explores and analyzes the complex experience of illicit drug use in America from multiple angles with specific attention to the ways that our culture understands drugs, drug use, and drug policy as a social/criminal justice problem. Topics include punishment, interdiction, prevention, and or rehabilitation. Prerequisites: CRJU 1100.

CRJU 3400. Juvenile Delinquency & Justice. 3-0-3 Units.
Reviews the juvenile justice system, including the impact of Supreme Court decisions, and examines the theories of juvenile delinquency and the implication of those theories for preventing and controlling juvenile deviance. Prerequisites: CRJU 1100.

CRJU 3450. White Collar Crime. 3-0-3 Units.
Provides an introduction to white-collar crime in the United States. Topics include definition of and various types of white-collar crimes, who commits this type of crime and why they engage in white-collar crime, as well as how perpetrators are dealt with by the criminal justice system. Prerequisites: CRJU 1100.

CRJU 3500. Criminal Investigation I. 3-0-3 Units.
An overview of principles, techniques, law and procedure involved in the criminal investigative process from its inception to culmination. Prerequisites: CRJU 1100.

CRJU 3501. Criminal Investigation II. 3-0-3 Units.
Continues information introduced in CRJU 3500, with special focus on the investigation of the crimes of burglary, robbery, forgery, homicide, assault, and bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as well as obtaining fingerprints and other types of latent evidence. Prerequisites: CRJU 3500.

CRJU 3550. Comparative Criminology. 3-0-3 Units.
Provides an overview and analysis of criminal justice systems-police, courts, and corrections-in selected eastern and western nations, as well as an analysis of the causes of crime in selected nations. Prerequisites: CRJU 1100.

CRJU 3600. Criminal Justice Admin. 3-0-3 Units.
Introduction to criminal justice management theory, practice, and policy. This course includes a review of traditional schools or organizational theory, including bureaucracy, scientific management, human relations, and the behavioral approach, with particular emphasis on how each applies to criminal justice agencies. Prerequisites: CRJU 1100.

CRJU 3700. Crim Just Research Methodology. 3-0-3 Units.
An introduction to criminal justice research methodologies, with a focus on research design, ethical concerns, conceptualization, sampling, data analysis, interpretation of research results, report writing, and application of research findings. Prerequisites: CRJU 3200, ENGL 3000.

CRJU 3710. Special Topics in Crim Just. 1-0-1-3 Unit.
An intensive study of a specific topic relevant to criminal justice, including sex crimes, terrorism, drug law, or capital punishment. This course may be taken for a total of nine credit hours when topics vary. (F)
Prerequisites: CRJU 1100.
CRJU 3800. Race, Ethnicity & Crim Justice. 3-0-3 Units.
Addresses the racial impact of criminal laws enacted by the people’s elected representatives, the actions and policies of law enforcement agencies, the courts, correctional institutions, the juvenile justice system, and the death penalty. Raises awareness and promotes critical thinking about the problems that exist in our system, how those problems originated and evolved, and possible solutions for these problems. Prerequisites: CRJU 1100.

CRJU 3810. Victimology. 3-0-3 Units.
Addresses the physical, emotional, and financial impact of crime victimization; the relationship between victims and offenders; how the criminal justice system interacts with crime victims; and the policies designed by the government to offer assistance to individuals who are victimized by crime. Raises awareness and promotes critical thinking and problem solving about the most effective strategies for interaction with crime victims, the measurement of crime victimization, and victim trends. Prerequisites: CRJU 1100.

CRJU 3850. Deviance, Soc Ctrlr&Collec Vio. 3-0-3 Units.
Reviews the nature of deviance and social control, including terrorism, riots, lynching, vigilantism and genocide, in three segments: collective deviance, collective violence and the theoretical models, including Pure Sociology, associated with collective deviance and collective violence. Prerequisites: CRJU 1100.

CRJU 4000. Internship in Criminal Justice. 0-12-3 Units.
Supervised, practical experience in an appropriate criminal justice agency. This course allows students the opportunity to discover the integration between theory and practice. This course may be taken three times for a total of nine hours of credit. Prerequisites: Permission of Instructor and 12 credit hours of upper-level Criminal Justice courses.

CRJU 4110. The Law of Criminal Evidence. 3-0-3 Units.
An examination of the rules of evidence used in criminal prosecutions, including burden of proof, presumptions, inferences and stipulations, relevancy of evidence and competency of witnesses, expert testimony, hearsay, and constitutional limitations. Prerequisites: CRJU 1100.

CRJU 4200. Profiling the Serial Offender. 3-0-3 Units.
An examination of the type and patterns of crimes committed by serial offenders and the process by which profiles are developed to solve these crimes. Prerequisites: CRJU 1100.

CRJU 4210. Terrorism & Crim Just System. 3-0-3 Units.
An examination of the motives and actions of terrorists, the governmental response to terrorism, especially in the wake of 9/11, and the legal and constitutional restraints on the government. Included will be issues such as surveillance of American citizens, detention of suspected terrorists, enemy combatants, limits on the methods of interrogation, and use of military tribunals. Prerequisites: CRJU 1100.

CRJU 4300. Community Corrections. 3-0-3 Units.
An examination of alternatives to incarceration. Special emphasis will be given to the issues of probation and parole, as well as diversion, community service, electronic monitoring, and various treatment programs. Prerequisites: CRJU 2261 or CRJU 3300 or CRJU 3400.

CRJU 4350. Family Violence. 3-0-3 Units.
Explores a range of crimes that occur in the family setting, including violence between intimate partners, child abuse, and neglect. Theoretical factors, as well as how the criminal justice system responds to both victims and perpetrators of family violence, will be examined. Prerequisites: CRJU 1100.

CRJU 4500. Management of Forensics. 3-0-3 Units.
The scientific investigation of crime with emphasis on the collection, analysis, comparison, and identification of physical evidence. Prerequisites: CRJU 1100, CRJU 3500.

CRJU 4600. Police Practices and Issues. 3-0-3 Units.
An advanced examination of policing, exploring topics including the police subculture, the police use of discretion, the broken-windows approach, community policing, and problem-solving approaches. Prerequisites: CRJU 1100 and CRJU 2100.

CRJU 4700. Ethical Issues in Crim Justice. 3-0-3 Units.
An examination of the philosophical theories underlying ethics and how they relate to issues involving the police, courts, corrections, law, and principles of justice. Prerequisites: CRJU 1100.

CRJU 4710. Readings in Criminal Justice. 3-0-3 Units.
Permits selected students to pursue approved topics through independent study under the direction of a faculty member. This course may be taken twice for a total of six credit hours with change of topics. Prerequisites: Permission of Instructor.

CRJU 4750. Advanced Criminological Theory. 3-0-3 Units.
Expands on the study of criminology as examined in CRJU 3200. This course provides further and more in-depth understanding of why people engage in criminal behavior, the policies that are derived from criminological theory, and how those policies are implemented. This is an advanced class and will be taught in a fashion similar to a graduate-level class to help students prepare for graduate and/or law school. Prerequisites: CRJU 3200 and ENGL 3000. Prerequisite or co-requisite: CRJU 3700.

CRJU 4800. Senior Capstone in CRJU. 3-0-3 Units.
Serves as the comprehensive experience in criminal justice utilizing the student’s knowledge and academic skills, including pursuing archival research, journal keeping, note taking and report writing to address a topic or issue of contemporary interest in criminal justice or one of its sub-fields. The course will be taught at the senior level and will focus on criminal justice issues at the national and international levels. In addition to the course requirements, students will complete a major research paper that results in an end-of-semester presentation to the class. This course serves as a capstone course for criminal justice majors. Prerequisites: CRJU 3700, 45 hours of upper-level criminal justice courses, senior standing.

**ECON Courses**

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

ECON 2105. Principles of Macroeconomics. 3-0-3 Units.
Describes and analyzes macroeconomic principles. Topics covered include the scope and method of economics, national income/output analysis, employment/unemployment, inflation, fiscal policy, monetary policy, and international finance. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of ‘C’ or better.

ECON 2106. Principles of Microeconomics. 3-0-3 Units.
Describes and analyzes microeconomic principles. Topics covered include demand and supply theory, output and price determination, market structure, income distribution, government regulation of business, labor organizations, and international trade. (F (Day & Evening), S (Day & Evening), M (Day))
Prerequisites: MATH 1101 or 1111 with a grade of ‘C’ or better.

ECON 3109. Managerial Economics. 3-0-3 Units.
Economics is frequently described as the science of decision-making under scarcity (at any given time we want more things than we can obtain, given available resources) and this is a good description of the subject of this course. Students will apply economic tools and basic statistics to solve managerial problems faced by entrepreneurs, managers and government regulators. Typical topics include demand analysis and estimation, consumer theory, cost functions, market structures and other microeconomic subject. (S (Day), M (Day))
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a ‘C’ or better.

ECON 3110. International Trade. 3-0-3 Units.
An introduction to international trade, with a focus on comparative advantage and gains from trade. Covers conventional trade models, trade policy with a focus on tariffs and quotas, measurement of a nation’s balance of payments, foreign exchange rate determination, and operation of the international monetary system, and global organizations such as the World Trade Organization (WTO) and trade agreements such as the North American Free Trade Agreement (NAFTA) (As Needed)
Prerequisites: Upper Division Eligibility, ECON 2105 (concurrent), ECON 2106, both with a ‘C’ or better.

ECON 3112. Money and Banking. 3-0-3 Units.
Presents a comprehensive upper-level course in financial institutions, financial markets, bank management, and money and banking. This introduction to the operation of the US financial system describes the US financial institutions, instruments and markets; explains how the financial system interacts with the rest of the economy; and considers how the system changes through time. (F (Day))
Prerequisites: Upper Division Eligibility and ECON 2105 with a ‘C’ or better.

ECON 4101. Applied Econometrics. 3-0-3 Units.
Standard econometric techniques are applied to various topics in economics. Techniques include models for cross-section data, such as limited dependent variable models, selectivity techniques, count data models, and models for panel data. Students will conduct statistical analyses and model evaluation. (S (Day))
Prerequisites: Upper Division Eligibility, BUSA 2050, BUSA 2850, BUSA 3050, or MATH 2200, all with a ‘C’ or better.

ECON 4700. Independent Study Economics. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in economics in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility, ECON 2105, ECON 2106, both with a ‘C’ or better.

ECON 4800. Special Topics in Economics. 3-0-3 Units.
Examines current, relevant topics in field of Economics. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility.

ECON 4900. Economics Internships. 0-0-3 Units.
Provides students with on-site work experience in economics through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the economic internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade ‘B’ or Better), plus an additional 3 credit hours of upper division FINC or ECON, and 3 credit hours of any upper division business course, all with a ‘C’ or better.

EDUC Courses

EDUC 2110. Investig Critical/Contem Issue. 3-0-3 Units.
This course engages students in observations, interactions, and analysis of critical and contemporary educational issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy. Requires 10 Hours Field Experiences. (FSM)
Prerequisites: PSYC 1101; COMM 1110; ENGL 1101; ENGL 1102; MATH 1101, or MATH 1111, or MATH 1113, all with a grade of C or above; current certified background check; mandated reporter training; proof of liability insurance, and pass an Ethics Assessment (See School of Education website for more details).

EDUC 2120. Expl Socio-Cultural Perspect. 3-0-3 Units.
Equips future teachers with the fundamental knowledge to understand culture and to teach children from the diverse backgrounds, given rapidly changing modern demographics. Examines 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity; and, 4) the influences of culture on learning, development, and pedagogy. Requires 10 Hours Field Experiences. (FSM)
Prerequisites: PSYC 1101; COMM 1110; ENGL 1101; ENGL 1102; MATH 1101 or MATH 1111 or MATH 1113, all with a grade of C or above; current certified background check; mandated reporter training; proof of liability insurance, and pass an Ethics Assessment (See School of Education website for more details).
EDUC 2130. Exploring Learning/Teaching. 3-0-3 Units.
Explores key aspects of learning and teaching through examining the teacher candidate's own and others' learning processes, to enhance student learning in a variety of educational settings and contexts. Requires 10 Hours Field Experiences. (F, S)
Prerequisites: PSYC 1101; COMM 1110; ENGL 1101; ENGL 1102; MATH 1101 or MATH 1111 or MATH 1113, all with a grade of C or above; current certified background check; mandated reporter training, proof of liability insurance and pass an Ethics Assessment (See School of Education website for more details).

EDUC 3101. Teaching Diverse Learners(ECE). 3-0-3 Units.
Provides the necessary knowledge to identify characteristics of diverse learners, students with special needs, and students at risk. Introduces necessary tools and strategies to promote successful student achievement by developing effective learning environments for all students. Presents legal issues, current laws governing students with exceptionalities, and techniques to accommodate individual differences in the classroom. (F, S)
Prerequisites: Acceptance to the Teacher Education Program; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3263, EDUC 3271, EDUC 3285, EDUC 3287.

EDUC 3120. Teaching Diverse Learners(Sec). 3-0-3 Units.
Provides the necessary knowledge to identify characteristics of diverse learners, students with special needs, and students at risk. Introduces necessary tools and strategies to promote successful student achievement by developing effective learning environments for all students. Presents legal issues, current laws governing students with exceptionalities, and techniques to accommodate individual differences in the classroom. (F)
Prerequisites: Completion of EDUC 4901 and EDUC 3273, with a grade of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3274.

EDUC 3214. Expl Act in PE, Art & Music. 3-0-3 Units.
Surveys introductory methods and activities to teach fundamental skills in physical education, art, and music in the early childhood/elementary curriculum. (F, S)
Prerequisites: Admission to Teacher Education; Completion of EDUC 4251, EDUC 4262, EDUC 4284, ESOL 4241, READ 4251, and READ 3262, all with a grade of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 4286 and EDUC 4289.

EDUC 3260. Elementary Math Principle PK-2. 3-0-3 Units.
Investigates mathematics education content, methods, and materials appropriate for the cognitive development of the P-2 child. Overviews development of acquisition of mathematical concepts and examines the assessment/correction process as needed for grades P-2. Teaches strategies appropriate to all children including regular education students and those with learning difficulties, ELL learners, and gifted learners. Introduces conceptual understanding, procedural fluency, mathematical reasoning, and/or problem solving skills. Requires application of content knowledge, methods, and materials during real-world teaching experiences within grades P-2. Examines current research on teaching strategies and the assessment/correction process during the field experience. Emphasis will be placed on developmentally appropriate practices and various content area integration within mathematics. (F, S)
Prerequisites: Completion of EDUC 3101, EDUC 3263, EDUC 3271, and EDUC 3287, all with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3286, EDUC 4261, ESOL 4240, and READ 3262.

EDUC 3263. Teach Cont & Proc:Lang Arts Ed. 2-2-3 Units.
Studies the nature of language, language acquisition, and the development of the language arts curriculum for early childhood/elementary settings. (F, S)
Prerequisites: Acceptance to Teacher Education Program; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3101, EDUC 3271, EDUC 3285, and EDUC 3287.

EDUC 3271. Classroom Management. 2-2-3 Units.
Examines theoretical constructs of classroom management for children in PreK through fifth grades. Develops skills during a field-based experience to manage children, resources, instruction, curriculum, and facilities to provide effective and meaningful learning. (F, S)
Prerequisites: Acceptance to Teacher Education Program; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3101, EDUC 3271, EDUC 3285, and EDUC 3287.

EDUC 3272. Class Mgmt Sec Ed Field Exp I. 2-0-2 Units.
Focuses on the development of management techniques and teaching skills for secondary teacher candidates. Includes observations and models in management used in the education and guidance of secondary students. Includes a minimum of 133 hours in field experiences in secondary settings. A practicum fee will be charged. (F)
Prerequisites: Acceptance to Secondary Teacher Education Program; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3902.

EDUC 3273. Class Mgmt Sec Ed Field Exp II. 2-0-2 Units.
Focuses on the development of management techniques and teaching skills for secondary teacher candidates. Includes observations and models in management used in the education and guidance of secondary students. Includes a minimum of 133 hours in field experiences in secondary settings. A practicum fee will be charged. (S)
Corequisite: EDUC 4901
Prerequisites: Completion of EDUC 3272 and EDUC 3902, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3902.
EDUC 3274. Class Mgm Sec Ed Field Exp III. 2-0-2 Units.
Focuses on the development of management techniques and teaching
skills for secondary teacher candidates. Includes observations and
models in management used in the education and guidance of secondary
students. Includes a minimum of 133 hours in field experiences in
secondary settings. A practicum fee will be charged. 
Prerequisites: Completion of EDUC 4901 and EDUC 3273, with grades of C
or above; courses in the professional education program are not available
to transient students who have not met the program requirements.
Corequisites: EDUC 3120.

EDUC 3285. Professional Sem Block I. 1-0-1 Unit.
Explores topics relevant to the preparation of teachers: Conceptual
Framework; Professional Field Experiences (expectations and
requirements); Development of E-Portfolio; Teacher Candidate
Assessment; Lesson Plans; Professional Communication. Includes 150
hours of field experience. A practicum fee will be charged.
Prerequisites: Acceptance to Teacher Education Program; courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: EDUC 3101, EDUC 3263, EDUC 3271, and EDUC 3287.

EDUC 3286. Professional Seminar Block II. 1-0-1 Unit.
Explores topics relevant to teacher preparation: Professional Field
Experiences (expectations and requirements); Development of E-
Portfolio; Professional Ethics; Student Health Issues; Safety and Security
Issues. Includes 133 hours of field experience. A practicum fee will be
charged.
Prerequisites: Completion of EDUC 3101, EDUC 3263, EDUC 3271,
EDUC 3285, and EDUC 3287, all with grades of C or better; courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: EDUC 4261, EDUC 4263, ESOL 4240, and READ 3262.

EDUC 3287. Curriculum and Assessment. 3-0-3 Units.
Introduces curriculum and assessment with an emphasis on basic
ideas for understanding curriculum development, implementation,
and evaluation. Explores ways for elementary childhood educators to
implement instruction within a full range of student abilities. Examines
and analyzes state standards, local curriculum documents, and published
curricula. Focuses on assessment development, use, and interpretation in
the classroom setting.
Prerequisites: Acceptance to Teacher Education Program; courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: EDUC 3101, EDUC 3263, EDUC 3271, and EDUC 3285.

EDUC 3902. Curric/Asses Secondary Teacher. 3-0-3 Units.
Introduces curriculum and assessment with an emphasis on basic
ideas for understanding curriculum development, implementation,
and evaluation. Explores ways for secondary educators to implement
instruction within a full range of student abilities. Examines and analyzes
state standards, local curriculum documents, and published curricula.
Focuses on assessment development, use, and interpretation in the
classroom setting.
Prerequisites: Acceptance to Teacher Education Program; courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: EDUC 3272.

EDUC 4250. Elementary Math Principles 3-5. 3-0-3 Units.
Investigates mathematics education content, methods, and materials
appropriate for the cognitive development of the grades 3-5-child.
Overviews development of acquisition of mathematical concepts
and further examines the assessment/correction process. Teaches
strategies academically appropriate to ALL children.(on level, special
education, ELL learners, and gifted learners). Continues application of
conceptual understanding, procedural fluency, mathematical reasoning,
and/or problem solving skills. Requires in case study form individual
assessment and analysis of a particular child's mathematical problems,
including teaching to this analysis. Examines current research on
teaching strategies and the assessment/correction process during the
field experience. Requires application of content knowledge, methods,
and materials during field experience. This class will operate as a
democratic classroom. Candidates will engage in shared decision-making
and in taking responsibility for making the classroom the best it can be.
Interactive discussions and problem solving will be emphasized where all
ideas and contributions are explored and respected.
Prerequisites: Admission to Teacher Education; All courses from Blocks
I and II; Must be taken concurrently with EDUC 4262, MATH 4713(If not
taken previously), READ 4251, EDUC 4284 and ESOL 4241, (2.7 and above
GPA, successful/satisfactory completion of all field placement work and
documentation of current professional liability insurance and national
criminal background check completed.

EDUC 4251. Assess & Correc: Math Educ. 2-2-3 Units.
Overviews development of acquisition of mathematical concepts and
examines the assessment/correction process. Teaches strategies
appropriate to children with learning difficulties. Requires in case
study form individual assessment and analysis of a particular child's
mathematical problems, including teaching to this analysis. Examines
current research on teaching strategies and the assessment/correction
process during the field experience.
Prerequisites: Completion of EDUC 4261, EDUC 4263, EDUC 3286, READ
3262, and ESOL 4240, all with a grade of C or above; courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: READ 4251, ESOL 4241, EDUC 4262, and EDUC 4284.

EDUC 4261. Teach Cont & Proc: Soc Stu Edu. 2-2-3 Units.
Examines the current content and methodology of social studies
education for young learners (grades P-5). Requires design and
implementation of learning experiences that incorporate the knowledge,
skills, and attitudes appropriate for an elementary social studies program.
Field experience required.
Prerequisites: Completion of EDUC 3101, EDUC 3263, EDUC 3271,
EDUC 3285, and EDUC 3287, all with grades of C or above, courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: EDUC 3266, EDUC 4263, ESOL 4240, and READ 3262.

EDUC 4262. Teach Cont & Proc: Sci Educ. 2-2-3 Units.
Examines content, methodology, skills, and materials used to teach
science to children in grades P-5 by means of course discussions and
assignments, field placements/assignments, and course readings.
Emphasizes developmentally appropriate practices and integration with
mathematics and other appropriate subject areas.
Prerequisites: Completion of READ 3262, EDUC 4263, EDUC 4251,
EDUC 3286, and ESOL 4240, all with grades of C or above, courses in the
professional education program are not available to transient students
who have not met the program requirements.
Corequisites: EDUC 4251, EDUC 4284, READ 4251, and ESOL 4241.
EDUC 4284. Professional Seminar Block III. 1-0-1 Unit.
Explores topics relevant to teacher preparation: Professional Field Experiences (expectations and requirements); Development of E-Portfolio, Parent-Community Relationships; Professional Collaboration; Legal Issues. Includes 133 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of READ 3262, EDUC 4263, EDUC 4261, EDUC 3286, and ESOL 4240; all with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4251, EDUC 4262, READ 4251, and ESOL 4241.

EDUC 4286. Teaching Internship. 0-18-8 Units.
Involves students in a fulltime (15-week/1 semester), supervised and directed classroom setting. Includes 550 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of READ 4251, READ 3251, EDUC 4262, EDUC 4251, EDUC 4284, and ESOL 4241; all with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4289 and EDUC 3214.

EDUC 4289. Professional Seminar Block IV. 1-0-1 Unit.
Explores topics relevant to teacher preparation: Teacher Candidate Internship (student teaching) (expectations and requirements); E-Portfolio final product; Resume Writing; Professional Interviews. A practicum fee will be charged.
Prerequisites: Completion of READ 4251, READ 3251, EDUC 4262, EDUC 4251, EDUC 4284, and ESOL 4241; all with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4286, and EDUC 3214.

EDUC 4901. Methods/Strat Teach Sec Stu. 3-0-3 Units.
Provides secondary teacher candidates with strategies and techniques to become reflective decision-makers. Focuses on active learning through the design of quality assessment and instruction, using appropriate performance based teaching methods. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3902 and EDUC 3272 with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4289 and EDUC 3273.

EDUC 4951. Internship in Sec School Math. 0-0-8 Units.
Involves a full-time (15-week/1 semester), supervised, and directed classroom setting. Includes 550 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3120, and EDUC 3274 with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4253 and READ 3456.

EDUC 4952. Internship in Sec School Biol. 0-0-8 Units.
Involves a full-time (15-week/1 semester), supervised, and directed classroom setting. Includes 550 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3120 and EDUC 3274, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4953 and READ 3456.

EDUC 4953. Teaching Internship Seminar. 0-0-1 Unit.
Engages interns in a critical reflection of issues, topics, materials, and skills appropriate to their professional development and teaching experience during internship. Serves as a capstone experience for satisfying program exit requirements. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3120 and EDUC 3274, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: READ 3456 and Secondary Education Content Area Specific Internship.

EDUC 4954. Internship Sec School Chem. 0-0-8 Units.
Involves a full-time (15-week/1 semester), supervised, and directed classroom setting. Includes 550 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3120 and EDUC 3274, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4953 and READ 3456.

EDUC 4955. Internship in Sec School Engl. 0-0-8 Units.
Involves a full-time (15-week/1 semester), supervised, and directed classroom setting. Includes 550 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3120 and EDUC 3274, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4953 and READ 3456.

EDUC 4956. Internship Sec School History. 0-0-8 Units.
Involves a full-time (15-week/1 semester), supervised, and directed classroom setting. Includes 550 hours of field experience. A practicum fee will be charged.
Prerequisites: Completion of EDUC 3120 and EDUC 3274, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements. Corequisites: EDUC 4953 and READ 3456.

ELCT Courses
Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses
ELCT 1005. Direct Current Circuits I. 2-2-3 Units.
Provides knowledge and skills to analyze, construct, and troubleshoot basic Direct Current electrical circuits that contain resistors. Topics include: electrical safety, electrical quantities, meters, Ohm’s law, energy and power, series and parallel circuits, opens and shorts, and soldering techniques. (Career Course)
Prerequisites: CAPS 1101 or permission of instructor.
ELCT 1055. Digital Logic Circuits I. 2-2-3 Units.
Prerequisite/Co-requisite: ELCT 1005. Provides knowledge and skills to analyze and troubleshoot digital logic circuits. Topics include: number systems, logic gates, Boolean expressions, combinational logic, Karnaugh maps, programmable logic devices, adders, logic families. (Career Course)
Prerequisites: ELCT 1005.

ELCT 1065. Alternating Current Circuits I. 2-2-3 Units.
Provides knowledge and skills to analyze, construct, and troubleshoot basic Alternating Current electrical circuits that contain resistors, inductors and capacitors. Topics include: Basic electromagnetism, AC waveforms, frequency and period, amplitude, AC measurements, oscilloscope, purely resistive AC circuits, inductance, capacitance, time constraints, reactance, impedance, basic transformer action, and three-phase supplies. (Career Course)
Prerequisites: ELCT 1005.

ELCT 1085. Semiconductor Devices and Circuits I. 2-2-3 Units.
Provides knowledge and skills to analyze, construct, and troubleshoot simple semiconductor circuits. Topics include: PN junction diodes, clippers and clamping, zener voltage regulator, LED, photo diodes, varactors, power supplies, rectifier types, the bipolar junction transistor, and field effect transistors. (Career Course)
Prerequisites: ELCT 1005.
Corequisites: ELCT 1065.

ELCT 1100. PC Maint & Troubleshooting. 2-2-3 Units.
This course provides basic knowledge and skills for the student to perform maintenance and upgrades to microcomputer systems. Topics include microcomputer components, hardware and software maintenance procedures, MS-DOS and up-grading common computer components. This course satisfies the computer literacy requirement. (F)
Prerequisites: BUSA 2201 or CMPS 1130.

ELCT 2005. Direct Current Circuits II. 2-2-3 Units.
Provides knowledge and skills to analyze, construct, and troubleshoot more complex DC electrical circuits that contain resistors, capacitors, and inductors. Topics include: series-parallel circuits, source transformations, basic cell and battery construction and operation, resistive network theorems, Wye-Delta conversions, maximum power transfer theorem, and exponential rise and decay in RC and RL circuits. (Career Course)
Prerequisites: ELCT 1005.

ELCT 2015. Electrical Circuit Analysis. 3-3-4 Units.
This course introduces electric circuit variables and measurements, circuit elements, resistive circuits, methods of analysis of resistive circuits, circuit theorems, energy storage elements, transient response of simple RL and RC circuits, sinusoidal steady-state analysis, AC steady-state power and the use of circuit simulation software.
Prerequisites: PHYS 2212K, MATH 2254.

ELCT 2025. Intro to Microprocessors. 2-2-3 Units.
Provides basic knowledge of microprocessor circuits and their relation to computer programs. Topics include: CPU, arithmetic operations, logic operations, RAM, ROM, I/O, system buses, control signals, timing signals, and typical faults. (Career Course)
Prerequisites: ELCT 1055 or permission of instructor.

ELCT 2035. Elec Troubleshooting Technique. 2-2-3 Units.
Provides knowledge and skills to methodically troubleshoot electrical/electronic systems. Topics include: review of basic electrical concepts relating to all electrical and electronic components, industrial control devices circuits, transformers, motors, troubleshooting methodology and skills, and maintenance. (Career Course)
Prerequisites: ELCT 1055.

ELCT 2040. Programmable Logic Controllers. 2-2-3 Units.
Provides knowledge and skills to analyze, construct, program, and troubleshoot computer-based programmable logic controllers used in industrial processes. Topics include: programmable controllers, input/output, processing and programming, field wiring, start-up, timers, counters, sequencers, analog and digital I/O, PID, Human Machine Interface (HMI) software and troubleshooting. (Career Course)
Prerequisites: ELCT 1055.

ELCT 2045. Digital Logic Circuits II. 2-2-3 Units.
Provides knowledge and skills to analyze and troubleshoot sequential and complex digital logic circuits. Topics include: flip-flop, latches, registers, counters, multiplexers, decoders, ALU, and trouble shooting. (Career Course)
Prerequisites: ELCT 1055.

ELCT 2055. Motors, Drives, and Controls. 2-2-3 Units.
Provides knowledge and skills to analyze, install, and troubleshoot AC/DC motor drives. Topics include: electronic motor drives, single-phase AC motors, three-phase AC motors, Inverters, branch circuit protection, and overload protection, maintenance and troubleshooting procedures. (Career Course)
Prerequisites: ELCT 1055 and ELCT 1085.

ELCT 2085. Semiconductor Devices and Circuits II. 1-2-2 Units.
Provides knowledge and skills to analyze, construct, and troubleshoot more complex semiconductor circuits. Topics include: BJT amplifier analysis, FET amplifiers, Operational amplifier characteristics and applications, oscillators, and thyristors. (Career Course)
Prerequisites: ELCT 1055.

ELCT 2090. Instrument and Control Systems. 1-2-2 Units.
Provides knowledge and skills to analyze, construct, program, and troubleshoot instrumentation and control systems used in industrial processes. Topics include: sensors, controllers, PLC’s, construction, application, calibration, installation and removal of equipment, process control operation (PID loops, simple and cascade), input/output, processing and programming, and Human Machine Interface (HMI) software. (Career Course)
Prerequisites: ELCT 1055 and ELCT 1085.

ELCT 2115. Robotics. 1-2-2 Units.
Explores basic robotic concepts. Studies in typical application environments. Topics include: robot history and fundamentals, robot classification, power sources, robot application in the workplace, robot control techniques, path control, end of arm tooling robot operation and robot controllers, controller architecture in a system, robotic language programming, and human interface issues. Use of the robots on the Computer Integrated Manufacturing Systems (CIMS) will provide the laboratory requirements. (Career Course)
Prerequisites: ELCT 2090.
ELCT 2116. Computer Integr Manuf (CIMS). 1-2-2 Units.
Introduces the concepts, terminology, and programming of Computer Integrated Manufacturing (CIMs). Allows students to work in instructor-supervised teams, assembling and operating an automated production system. Reviews system electronic, electrical and mechanical principles and equipment as it applies to a flexible manufacturing system, in this case the Computer Integrated Manufacturing System (CIMs). (Career Course)
Prerequisites: ELCT 2040.
Corequisites: ELCT 2115.

ELCT 2120. A+ Certification Review. 3-0-3 Units.
Provides a review and summary of knowledge from previous courses, enhances understanding of operating systems, and helps the student prepare for the A+ Certification Exam. (S)
Prerequisites: ELCT 1100.

ELCT 2125. Telecommunications Principles. 2-2-3 Units.
Provides an overview of current telecommunications technologies. Topics include: telecommunications history, system features, modulation techniques, multiplexing techniques, transmission media, telephone network, wireless communication, data communication protocols, LANs, WANs, ISDN, ATM, networking technologies. (Career Course)
Prerequisites: ELCT 2065 and ELCT 2085.

ENGL Courses
Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses
ENGL 0999. Support for English Composit.. 3-0-3 Units.
Provides co-requisite support in reading and writing for students enrolled in ENGL 1101 – English Composition I. Topics will parallel those being studied in ENGL 1101 and will provide support for the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. Students may exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has an Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the "new" SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher AND Accuplacer Write Placer score of 6 or higher AND Accuplacer Write Placer score of 4 or higher.
Prerequisites: ENGL 1101.

ENGL 1101. English Composition I. 3-0-3 Units.
Focuses on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and a variety of research skills. A minimum grade of C is required in ENGL 1101 before the student can take ENGL 1102. Students can exempt ENGL 0999 by satisfying any of the following criteria: 1) SAT Verbal of 430 or better (institutional or national version) 2) Student has Evidence-Based Reading and Writing (EBRW) score of 480 or higher on the "new" SAT. 3) ACT English of 17 or better (institutional or higher) 4) Accuplacer reading score of 61 or higher AND Accuplacer Write Placer score of 6 or higher 5) Accuplacer reading score of 70 or higher AND Accuplacer Write Placer score of 5 or higher AND Accuplacer Write Placer score of 6 or higher AND Accuplacer Write Placer score of 4 or higher. 7) Accuplacer Next-Generation Reading Comprehension scores of 237 through 247 AND Accuplacer WritePlacer score of 5 or higher. 8) Accuplacer Next-Generation Reading Comprehension scores of 248 or higher AND Accuplacer Write Placer score of 4 or higher. (F, S) Co-requisite: ENGL 1101

ENGL 1102. English Composition II. 3-0-3 Units.
Presents a literature-based composition course that develops writing skills beyond the levels of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation, and that incorporates a variety of more advanced research methods, including capability in electronic resources and documentation. A minimum grade of C is required to complete this course. (F, S, M)
Prerequisites: ENGL 1101 with a grade of C or better or the equivalent.

ENGL 1105. Intro to Greek Mythology. 1-0-1 Unit.
Provides an introduction to and overview of the major Greek myth cycles. Students will become familiar with the major Greek gods and goddesses, the stories connected to them, and the heroes of the great epic and dramatic works of ancient Greece. (F, S, M)
Prerequisites: ENGL 1101 with a grade of C or better.

ENGL 1110. Creative Writing. 1-0-1 Unit.
Introduces the stylistic conventions and techniques of one literary genre (fiction, poetry, or drama) with an emphasis on those elements particular to that genre. Also emphasizes techniques of literary invention and offers exposure to the analysis and critique of peer and professional texts. Special attention is given to drafting and revising original works. Prerequisites: ENGL 1102 with a grade of C or better.

ENGL 2000. Topics in Literature & Culture. 3-0-3 Units.
Introduces students to the rich diversity of cultures and creative endeavors by exploring a variety of texts. Course topics are variable and may include pop culture, activist movements, comic books, or video games among many others within the realm of literature and cultural studies. Students may also complete a variety of career-oriented projects related to social media, digital literacy, creative writing, linguistics, professional writing, and textual analysis. (F, S) Pre-requisite: Completion of or exemption from ENGL 0999. Pre- or co-requisite: ENGL 1101.

ENGL 2010. Linguistics. 3-0-3 Units.
Provides instruction in language, including its varieties, sound systems, word formation, sentence formation, language meaning, and discourse. Examines first and second language acquisition and classroom observation. Flexible course options will suit various learning interests and styles. (Web-based course)
Prerequisites: ENGL 1101 with a grade of C or better.
ENGL 2100. News Writing and Reporting. 3-0-3 Units.
Provides an introduction to gathering, writing, and editing news articles for newspapers, though skills emphasized apply to any medium whose audience expects timely, accurate, easily intelligible information. Prerequisites: ENGL 1101 with a C or better.

ENGL 2111. World Literature I. 3-0-3 Units.
Surveys important works of world literature from ancient times through the mid-seventeenth century. (F,S,M) Pre- or Co-requisites: ENGL 1102 with a grade of C or better.

ENGL 2112. World Literature II. 3-0-3 Units.
Surveys important works of world literature from the mid-seventeenth century to the present. Continues study begun in ENGL 2111, though 2111 is not a prerequisite. (F,S,M) Pre- or Co-requisites: ENGL 1102 with a grade of C or better.

ENGL 2120. British Literature I. 3-0-3 Units.
Surveys important works of English literature from the Old English period through the Neoclassical Age. (F,S,M) Pre- or Co-requisites: ENGL 1102 with a grade of C or better.

ENGL 2121. British Literature II. 3-0-3 Units.
Surveys important works of English literature from the Romantic Era to the present. Continues study begun in ENGL 2120, though 2120 is not a prerequisite. (F) Pre- or Co-requisites: ENGL 1102 with a grade of C or better.

ENGL 2130. American Literature I. 3-0-3 Units.
Surveys important works of American literature from the Pre-colonial Age to the mid-nineteenth century. (F) Pre- or Co-requisites: ENGL 1102 with a grade of C or better.

ENGL 2131. American Literature II. 3-0-3 Units.
Surveys important works of American literature from the mid-nineteenth century to the present. Continues study begun in ENGL 2130, though 2130 is not a prerequisite. (F) Pre- or Co-requisites: ENGL 1102 with a grade of C or better.

ENGL 2132. American Literature II. 3-0-3 Units.
A survey of American literature from the mid-nineteenth century to the present. Prerequisites: ENGL 1102 with a grade of C or better.

ENGL 2201. Intro to Film as Literature. 3-0-3 Units.
Introduces humanistic, philosophic, and historical analyses of film. Examines and analyzes selected films through lectures, readings, viewings, and written analyses that focus primarily on literary elements such as plot, theme, character, symbolism, and only secondarily (if at all) on filmic elements such as cinematography and editing. (F, S, M) A minimum grade of C is required in English 1102 before the student can take English 2201. Prerequisites: ENGL 1102.

ENGL 3000. Writing for Educ/Soc Sciences. 3-0-3 Units.
Focuses on principles, practices, and strategies for writing clear, effective, audience-driven communications in a variety of academic and professional situations in the real world. Assignments include case studies, reports, proposals, and legal briefs. (F,S) Prerequisites: ENGL 1102 with C or better.

ENGL 3005. Practical Grammar. 3-0-3 Units.
Explores the basic components of language, language variation, and modern English grammar. Application of grammatical principles to composition, editing, and literary analysis. (S) Prerequisites: ENGL 1102 with C or better.

ENGL 3010. Intro to Literary Studies. 3-0-3 Units.
Surveys materials, methods, and terminology used in the discipline of literary studies. Practice in effective critical writing and examination of the various critical theories available for interpretation and analysis. Must be taken in the student’s first semester as an English major; may also be taken as a co-requisite with two other 3000-level or selected 4000-level English courses in the student’s first semester as an English major. (F,S) Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3015. Intro to Composition Studies. 3-0-3 Units.
Includes study of composition theory and its application to the teaching of composition. Students will analyze and assess student essays and design a writing course for secondary-level students. (S) Prerequisites: ENGL 1102 with C or better.

ENGL 3020. Advanced Composition. 3-0-3 Units.
Includes a study of various rhetorical strategies with regular writing assignments emphasizing logical organization of thought and effective composition. The course will develop sound grammatical and compositional skills to a level clearly superior to that of ENGL 1102. (S) Prerequisites: ENGL 1102 with C or better.

ENGL 3025. History of English Language. 3-0-3 Units.
Provides an introduction to the background, origins, development, and structure of the English language and the fundamental tools and concepts used in the study of a language’s history. (F) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3030. Technical Writing. 3-0-3 Units.
Focuses on practice and instruction in analyzing and writing business and technical documents. Emphasis on increasing proficiency in effective writing, design and organization, audience awareness, visual rhetoric, and web publishing. (F) Prerequisites: ENGL 1102 with a C or better.

ENGL 3040. Classical Rhetorical Theory. 3-0-3 Units.
Introduces students to classical rhetorical concepts. Students will learn to use these concepts as a means of developing and improving their writing skills. Prerequisites: ENGL 1102 with C or better.

ENGL 3100. Advanced Creative Writing. 3-0-3 Units.
Offers an intensive experience in writing in one of the following genres: short story, poetry, the novel, creative non-fiction, or screenwriting. (F, alternating years) Prerequisites: ENGL 1102 with C or better.

ENGL 3130. Argumentative Writing. 3-0-3 Units.
Provides students with extensive practice in reading, analyzing, and composing argumentative writing. Students will learn specific theories of persuasion and reasoning and will apply this knowledge to their own compositions. Reading and evaluating the persuasive logic of both professional writers and peers will also be included in this course. Prerequisite: ENGL 1102 with a grade of C or better.

ENGL 3200. Appalachian Literature. 3-0-3 Units.
Surveys major regional movements, genres, writers in the Appalachian mountains, from settlement to the present. Content and approach may vary. (S,M) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course. Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).
ENGL 3210. Multi-ethnic American Lit. 3-0-3 Units.
Offers a study of major ethnic American literature, with a particular focus on Latino American, Asian American, and/or Native American writers.
(S,M) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3220. Southern Literature. 3-0-3 Units.
Examines selected works by major authors of the American South.
(F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3235. African-American Literature. 3-0-3 Units.
Surveys the canonical writings of African-Americans, typically including writers such as Douglass, Hurston, Wright, Ellison, Baldwin, Morrison, King, and Walker. (Every other semester) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3300. Medieval Lit in Translation. 3-0-3 Units.
Surveys literature of the Anglo-Saxon and Anglo-Norman periods: Beowulf, Romance of the Rose, Sir Gawain and the Green Knight, and others. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3340. Hispanic Lit in Translation. 3-0-3 Units.
Provides an introduction to landmark Hispanic works within social, political, economic, and cultural contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3350. Latino/a Literature in English. 3-0-3 Units.
Offers an introduction to landmark Latino/a works written in English. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3360. Topics in Asian Literature. 3-0-3 Units.
Surveys the canonical writings of Asia. Prerequisite: Any 2000-level literature course with a C or better (non-English majors) or ENGL 3010 (prerequisite or co-requisite, English majors).

ENGL 3400. Renaissance Literature. 3-0-3 Units.
Surveys Renaissance literature in its various aspects, including, but not limited to, poetry, prose, and drama, and a consideration of that literature as a part and product of its historical period. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3405. Professional/Technical Writing. 3-0-3 Units.
An advanced writing course focusing on the elements of effective writing, particularly as they apply to business and the professions.
Prerequisites: ENGL 1102.

ENGL 3410. Shakespeare. 3-0-3 Units.
Surveys representative works of comedy, history, tragedy, tragicomedy drawn from throughout the playwright's career. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 3500. Colonial American Lit to 1840. 3-0-3 Units.
Surveys important writings by representative American authors from the colonial period through the post-Revolutionary War era. Typically includes Bradford, Bradstreet, Winthrop, Crevecoeur, Franklin, Paine, and Irving.
Co-requisite: English 3010 (English majors); English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3510. American Literature, 1840-1913. 3-0-3 Units.
Surveys significant American authors from the post-Revolutionary War era to the turn of the twentieth century. Typically includes Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Douglass, Dickinson, Twain, Crane, Howells, Chopin, and Norris.
Co-requisite: English 3010 (English majors); English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3515. American Lit. 1914-Present. 3-0-3 Units.
Surveys significant works by representative twentieth-century writers. Authors typically covered include Bierce, Eliot, Hemingway, Frost, Fitzgerald, Faulkner, Wright, Stevens, Miller, Baldwin, Morrison, and O'Connor.
Co-requisite: English 3010 (English majors); English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better.

ENGL 3705. Introduction to Screenwriting. 3-0-3 Units.
Covers the most important aspects of the art and craft of writing for the screen. Topics include techniques for generating ideas, the drafting process, classical screenplay structure, conflict, characterization, dialogue, writing visually, analyzing one's own work and the work of others as a screenwriter, dealing with notes/feedback, scene structure, revision, and other tools of the trade. (S, alternating years)
Prerequisites: ENGL 1102 with a C or better.

ENGL 4000. Contemporary American Lit. 3-0-3 Units.
Examines selected texts produced in the last thirty years in the United States. (M, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4010. The American Novel. 3-0-3 Units.
Offers an investigation of the American novel from the late eighteenth century through the present in relation to literary, cultural, intellectual, technological, and aesthetic changes in America. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).
ENGL 4020. Literature for Young Adults. 3-0-3 Units.
Offers a comprehensive study of young adult literature, including non-Western authors as well as literature representative of racial and ethnic groups, appropriate for students in secondary school programs, with emphasis on teaching techniques. (S) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4130. Restoration: 18th Century Brit Lit. 3-0-3 Units.
Examines drama, fiction, poetry, and other textual expression from Restoration and eighteenth-century Britain. Works may be studied in their historical, political, cultural, and aesthetic contexts. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4140. British Romantic Literature. 3-0-3 Units.
Surveys British literature of the Romantic period, focusing on major works, figures (three or more), and/or themes. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4150. British Victorian Literature. 3-0-3 Units.
Examines Victorian literature in its original historical, political, cultural, and aesthetic contexts. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4160. Modern British Literature. 3-0-3 Units.
Surveys British poetry, fiction, and essays since 1900. Typically includes Hardy, Conrad, Joyce, Yeats, Lawrence, Woolf, Auden, and Lessing. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4410. Studies in Film. 3-0-3 Units.
Examines films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include film and the novel, representations of women in film, teen cultures in film, etc. May be repeated for a maximum of six hours with change of content. (Every other year) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4420. Literature Non-Western World. 3-0-3 Units.
Offers an introduction to non-Western literature that examines a range of texts from a variety of different regions that may include the Americas, Asia, Africa, India, the Middle East, the Pacific Rim, and the African Diaspora. Subjects vary according to the availability of faculty. (S, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4440. William Faulkner. 3-0-3 Units.
Examines the works of William Faulkner, particularly selected stories and novels set in Yoknapatawpha County. (F, alternating years) Co-requisite: English 3010 may be taken as a co-requisite. English majors must take ENGL 3010 as their first upper-division English course.
Prerequisites: Any 2000-level literature course with a grade of C or better (non-English majors) or ENGL 3010 (English majors).

ENGL 4700. English Internship. 1-10-3 Units.
Provides practical experience for students interested in a career in writing, editing, and/or interpersonal communication. Through real-world projects and professional work, students will apply writing, editing, and/or communication skills relevant to their major in a specific, realworld project. Students must apply for the internship during the semester prior to the intended internship experience. Student interns work for an average of 10 hours per week under the supervision of a professional in the Dalton, Chattanooga, and/or Northwest Georgia area. Repeatable for a maximum of 6 credit hours.
Prerequisites: 3.0 GPA or higher and 15 hours of upper-level English courses, including English 3030 (Technical Writing).

ENGR Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.
The college reserves the right to cancel or delete any course with insufficient enrollment.

**Courses**

**ENGR 1105. Introduction to Engineering. 3-0-3 Units.**
Introduction to the basic skills of engineering, including engineering design and problem solving, the fields and functions of engineering, including measurements and estimation, units, dimensions, vectors, Newton’s laws, and other physical phenomenon common to many engineering problems.
Prerequisites: MATH 1113 and Pre or Corequisite: ENGL 0999, unless exempt.

**ENGR 1108K. Engineering Graphics. 2-3-3 Units.**
Theory and application of the design process, using conventional drafting as well as computer assisted design, spatial analysis, projection theory, sketching, creative design, and geometric dimensioning. Development and interpretation of drawings and specifications. Pre or Corequisite: ENGL 0999, unless exempt.
Corequisites: MATH 2253.

**ENGR 2205. Statics. 3-0-3 Units.**
A study of elements of statics in two and three dimensions, free-body diagrams, distributed loads, centroids, and friction. (F) Prerequisite coursework must be been successfully completed within the past three terms. Pre or Corequisite: ENGL 0999, unless exempt.
Prerequisites: MATH 2253 and PHYS 2211K with a grade of C or better.
Corequisites: MATH 2254 and PHYS 2212K.

**ENGR 2240. Dynamics. 3-0-3 Units.**
Kinematics and kinetics of particles and rigid bodies, work-energy and impulse-momentum concepts and principles. (F, S as needed) Prerequisites: ENGR 2205.

**ENGR 3072K. Electrical Energy Systems. 3-3-4 Units.**
The study of energy sources. This course introduces non-renewable and renewable/sustainable energy sources, the processes, costs, and environmental impact of converting to electric energy, the delivery and control of electric energy, and electromechanical systems.
Prerequisites: Completion of two circuit analysis courses.

**ENGR 3131K. Strength of Materials. 3-3-4 Units.**
The study and mathematical modeling of the mechanical behavior of materials under load. Emphasis will be on the elastic conditions of equilibrium, compatibility and material behavior. Includes study of stress and strain in columns, connectors, beams, eccentrically-loaded members, as well as introduction to statically indeterminate members.
Prerequisites: ENGR 2205 and MATH 2254.

**ENGR 3301. Circuits I. 3-3-4 Units.**
This course introduces basic circuit analysis including resistive circuits, voltage and current sources, analysis methods, network theorems, energy storage elements, and AC steady-state analysis. Techniques for analyzing resistive networks are heavily emphasized. In addition, the physical mechanisms of capacitance and inductance are examined along with analysis of transient responses in circuits containing resistors, capacitors, and inductors. Laboratory exercises reinforce the theoretical concepts presented in class and provide various opportunities to become proficient with standard instrumentation used in electrical engineering.
Prerequisites: PHYS 2211K.

**ENGR 3301K. Circuits I. 3-3-4 Units.**
This course introduces basic circuit analysis including resistive circuits, voltage and current sources, analysis methods, network theorems, energy storage elements, and AC steady-state analysis. Techniques for analyzing resistive networks are heavily emphasized. In addition, the physical mechanisms of capacitance and inductance are examined along with analysis of transient responses in circuits containing resistors, capacitors, and inductors. Laboratory exercises reinforce the theoretical concepts presented in class and provide various opportunities to become proficient with standard instrumentation used in electrical engineering.
Prerequisites: PHYS 2211K.

**ENGR 3302K. Circuits II. 3-3-4 Units.**
A continuation of basic Circuit Analysis I which focuses on RC, RL, and RLC circuits, mutual inductance, series and parallel resonance, two-port networks frequency response, AC power including power factor correction, as well as three phase circuits. Simulation is heavily emphasized using state of the art software such as PSPICE.
Prerequisites: ENGR 3301K, MATH 2403 and PHYS 2212K.

**ENGR 3317. Industrial Econ & Fin Analysis. 3-0-3 Units.**
Students will compare service and manufacturing projects and investments based on their economic value, quantify costs and benefits; analyze projects using present worth, annual worth, and rate of return methods, study simple and compound interest. This course also introduces basic financial accounting concepts, including balance sheets, income statements, change of financial condition, etc.
Prerequisites: MATH 2253.

**ENGR 3343K. Fluid Mechanics. 3-3-4 Units.**
This course introduces the fundamentals of fluid statics and dynamics, including hydrostatic forces on submerged plates, continuity of fluid flow and fluid flow principles. The applications of turbulent and laminar flow in conduits are emphasized. The system approach is practiced in analyzing the applications of flow measuring devices, piping, pumps, and turbines.
Prerequisites: ENGR 2205.

**ENGR 3410. Thermodynamics. 3-0-3 Units.**
Introduces the fundamentals of thermodynamics, including the concept of energy and the laws governing the transfers and transformations of energy. Emphasis is placed on thermodynamic properties and the first and second law analysis of systems and control volumes. Integration of these concepts into the analysis of basic power cycles is introduced.
Prerequisites: ENGR 2205.

**ENGR 3420. Industrial & Envir Safety. 3-0-3 Units.**
Introduces the application of safety techniques and principles to identify and correct unsafe situations and practices. Includes the study of system safety, failure modes and effects analysis, fault tree analysis, preliminary hazard analysis, hazardous materials and practices, OSHA, health, and personal protection.

**ENGR 4101. Materials Science&Engineering. 3-0-3 Units.**
Introduces the study of metals, ceramics, polymers, and composites as related to material selection in design and manufacturing. Topics will include atomic structure and bonding, crystal structure and defects, mechanical properties and failure, diffusion, dislocation and strengthening, alloying, phase diagrams and transformations/heat treatment, polymers, ceramics and glasses, and composites.
Prerequisites: CHEM 1211K and PHYS 2211K.
ENGR 4440. Heat Transfer. 3-0-3 Units.
Introduces the fundamentals and applications of heat transfer. Topics include conduction, convection, and radiation. Students will explore steady state and transient conduction in one and multiple dimensions, forced and free convection with boundary layer theory, radiation properties and radiative heat transfer among black and non-black bodies. Students will calculate heat transfer rates, heating/cooling times, and design of heat exchangers.
Prerequisites: ENGR 3410 and ENGR 3343 and Engineering Standing.

ENGR 4456. Intro to Systems Engineering. 3-0-3 Units.
Introduces students to the concepts needed for successful system planning, designing and building process. Topics will include bringing large-scale systems to completion on schedule and on budget, modeling and cost estimating techniques, risk and variability.

ENGR 4860. Engineering Internship. 0-0-1-4 Unit.
A structured out of the classroom experience in a supervised setting that is related to the student’s major and career interests. Practical experience is combined with scholarly research under the guidance of faculty and the internship supervisor. Internship sites must be secured in advance of the semester of the placement and must be approved by the student’s advisor and internship coordinator. Note: Students may enroll multiple times in this course for a total of four credit hours. Prerequisite: 90 credit hours and permission of the instructor

ENGR 4900. Capstone. 3-0-3 Units.
This course provides comprehensive design experience for students working in small groups and is a culmination of the engineering technology education. Topics covered will include design specifications, evaluation of design alternatives, technical reports and oral presentations. Also covered are topics such as intellectual property, industry standards and conventions, engineering economics, reliability, safety, engineering ethics and current topics in the field of engineering technology.
Prerequisites: Senior standing, Instructor approval, Department Chair approval.

ENVS eCore Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

ENVS 2202. Environmental Sciences. 3-0-3 Units.
Introduces students to the major principles from biology, chemistry, ecology, geology, and non-science disciplines. Issues of local, regional, and global concern will be used to help students explain scientific concepts and analyze practical solutions to complex environmental problems. Emphasis is placed on the study of ecosystems, human population growth, energy, pollution, and other environmental issues as well as important environmental regulations.
Prerequisite: ENGL 0999 unless exempt.

ESOL Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

ETEC eCore Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.
Courses

ETEC 1101. Elec Tech in Educ Enviro. 2-0-2 Units.
This course is an introduction to using personal computers to communicate with individuals and groups and to locate, analyze, organize, and present information. Emphasis is on exploring the role of technology in present and future learning experiences. Topics include the digital divide, hardware, software, the internet and networks, privacy and security, and intellectual property in cyberspace. Students will use their practical technology skills to create formatted word-processed documents and an electronic presentation. Pre-requisite: ENGL 0999 unless exempt.

FINC Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

FINC 3056. Principles of Finance. 3-0-3 Units.
Introduces students to financial management. Topics include the structure and analysis of financial statements, cash flow, time value of money, investment valuation, capital budgeting, long and short term financial decision making. (F (Day & Evening), S (Day & Evening), M (Day)) Prerequisites: Upper Division Eligibility, ACCT 2102, BUSA 2201 or CMAP 1301 all with a 'C' or better.

FINC 3101. Intermediate Corporate Finance. 3-0-3 Units.
The course introduces students to financial management. Topics include the structure and analysis of financial statements, cash flow, financial forecasting, determination of the cost of capital and the profitability of proposed investments in fixed assets, portfolio theory, and risk return tradeoffs that must be considered in using financial leverage. (F (Day)) Prerequisites: Upper Division Eligibility and FINC 3056 with a 'C' or better.

FINC 3201. Investments. 3-0-3 Units.
Introduces financial assets and markets. Topics include an overview of security types, the role of risk in asset pricing, the capital asset pricing model, the efficient markets hypothesis, portfolio theory, characteristics of mutual funds in retirement accounts, stock options, future contracts, and valuation models for stocks and fixed income securities. (F (Day)) Prerequisites: Upper Division Eligibility and FINC 3056 with a 'C' or better.

FINC 4112. Real Estate Finance. 3-0-3 Units.
Application of theoretical aspects of financial economics to explain real estate financial institutions and markets. Financial and economic methods are applied to residential and commercial real estate. Special topics include real estate in a portfolio, agency problems, and the influence of the legal environment. (F (Day)) Prerequisites: Upper Division Eligibility and FINC 3056 with a 'C' or better.

FINC 4201. Finance Case Studies. 3-0-3 Units.
Empirical case studies in corporate finance and investments. The modern theories of corporate governance, capital structure, dividend policy, equity valuation, debt financing, and international finance. (F (Day)) Prerequisites: Upper Division Eligibility, ECON 3112, FINC 3101 and FINC 3201 all with a 'C' or better.

FINC 4301. Risk Management. 3-0-3 Units.
The types, payoff and pricing of derivative securities and contracts and their application in managing financial risks faced by corporations. Topics include options, forwards, futures and swaps; managing foreign currency risk, interest rate risk, stock price risk, and commodity price risk; and risk management techniques. (S (Day))

FINC 4500. Finance Internships. 0-0-3 Units.
Provides students with on-site work experience in finance through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the finance internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.(F,S,M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade 'B' or Better), plus an additional 3 credit hours of upper division FINC, and 3 credit hours of any upper division business course, all with a 'C' or better.

FINC 4700. Independent Study Finance. 0-0-3 Units.
 Supervised, in-depth individual research and study of one or more current topics in finance in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project.(F, S, M)
Prerequisites: Upper Division Eligibility and FINC 3056 with a 'C' or better.

FINC 4701. Finance Case Studies. 3-0-3 Units.

FINC 4800. Special Topics in Finance. 3-0-3 Units.
Examines current, relevant topics in field of Finance. Each special topics course will cover a new current topic.(F, S, M)
Prerequisites: FINC 3056 and Upper Division Eligibility.

FINC 4900. Finance Internships. 0-0-3 Units.
Provides students with on-site work experience in finance through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the finance internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.(F,S,M)
Prerequisites: Upper Division Eligibility, FINC 3056 (Grade 'B' or Better), plus an additional 3 credit hours of upper division FINC, and 3 credit hours of any upper division business course, all with a 'C' or better.

FREN Courses

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Courses

FREN 1001. Elementary French I. 3-0-3 Units.
Instructs in the basic principles of French pronunciation and in the fundamentals of grammar and sentence structure. Emphasizes the development of speaking, writing, reading, and listening skills and introduces students to the culture, history, and geography of Spanish-speaking regions.(F,S)

FREN 1002. Elementary French II. 3-0-3 Units.
Follows the same patterns and objectives of FREN 1001 but includes a more detailed study of grammar, longer conversational exercises, and some discussion of French history, culture, and literature.(F,S)
Prerequisites: FREN 1001.
Reviews intensively French grammar, verb forms, and idioms. Includes reading of moderately difficult texts and more advanced conversation exercises. Classes contingent upon enrollment.
Prerequisites: FREN 1002.

FREN 2002. Intermediate French II. 3-0-3 Units.
Continues readings of moderately difficult texts central to literature and culture of French-speaking peoples; includes advanced conversation exercises. Classes contingent upon enrollment.
Prerequisites: FREN 2001.

FTA Courses

Financial Technology (FinTech) is a business sector at the intersection of information technology and financial services. FinTech companies provide a wide range of financial services to clients worldwide. The FinTech minor will help students in the BBA and BAS- Technology Management degree programs prepare for employment in this high-demand field.

Required Courses:
FTA 4001 Foundations of FinTech 3
FTA 4002 Financial Technologies 3
FTA 4003 Commercial Banking in FinTech 3

Elective Courses:
Select two from the following courses:
BUSA 3532 Bus Analytics/Data Mining
CAPS 1145 Introduction to Networks
CAPS 1152 Linux
ECON 4101 Applied Econometrics
FINC 3101 Intermediate Corporate Finance
FTA 4005 Intro Financial Data Analytics
FTA 4100 Inform. Security for FinTech
ITEC 3251 Linux II
MGIS 3352 Management Application Prog I
MGIS 3353 Management Applications Programming II
MGIS 3356 Database Management Systems
MGIS 3390 Management of IS Security
MGIS 4358 Web-based MIS
MGIS 4360 Databases:Big Data & Analytics

Total Hours 15

Courses
FTA 2400. Intro Financial Technology. 3-0-3 Units.
FTA 2410. Coding for FinTech. 3-0-3 Units.
FTA 3055. Innovative Sol’n for FinTech. 3-0-3 Units.
FTA 4001. Foundations of Fintech. 3-0-3 Units.
The financial services industries are changing rapidly with the emergence of financial technology (FinTech). The objective of the course is to provide students with an overview of FinTech and introductions to its applications in financial services, such as commercial and investment banking, digital investing, financial advising, and insurance. Students are expected to develop a broad understanding of the recent FinTech development and its impact on different parts of the financial world. Students will also have hands-on problem-solving experiences that can be useful in FinTech applications and innovation. Topics may include but are not limited to: blockchain and cryptocurrencies, smart contracting, payments, digital banking, P2P lending, crowdfunding, robo-advising, and InsurTech.
Prerequisites: WSOB or STM advisor approval.

FTA 4002. Financial Technologies. 3-0-3 Units.
This course examines the information and communications tools, technologies, and standards integral to consumer, merchant, and enterprise services in the payments and financial service sectors. Explores technology's role in reshaping FinTech businesses. Technologies span messaging, communication networks and gateways, core processing, mobile and online software, and application program interfaces (APIs). Includes the challenges, standards, and techniques associated with securing systems and data.
Prerequisites: WSOB or STM advisor approval.

FTA 4003. Commercial Banking in FinTech. 3-0-3 Units.
The FinTech revolution is creating significant disruption to the traditional processes of managing and regulating financial institutions, especially banks. Digital technology is increasingly altering basic financial intermediation functions such as payment processing, risk management, information dissemination, price discovery, capital raising, and consumer expectations concerning access to funds and the timing of loan decisions. Understanding, assessing and forecasting FinTech's impact on banking is particularly important because proper management and oversight of financial institutions is essential to the efficient operation of the national, as well as global, economy. In this course, students will learn about the principles and practices of commercial bank management, bank regulation, and the tradeoffs between risk and return. Challenges presented by the FinTech evolution, including traditional and emergent competitors as well as demographic, social, and technology forces driving change in the industry, will be integrated throughout the entire course.
Prerequisites: WSOB or STM advisor approval.
FTA 4005. Intro Financial Data Analytics. 3-0-3 Units.
This course provides the foundation for financial data analytics used in business and FinTech applications. The objective of this course is for students to gain experience in analyzing financial data using modern machine learning techniques, statistical methods, and prediction models. Students will develop computational skills to perform data analysis using a modern statistical programming environment, and apply these skills to address a range of problems encountered by business firms, including those in the FinTech industry. The topics discussed include an introduction to R language, visualization of financial data, cluster analysis, simple and multiple linear regression, classification models, high dimension data analysis using Lasso, and model assessment and selection using cross validation. Students will have hands-on experience in the development of data analytics applications to analyze real world financial problems.
Prerequisites: WSOB or STM advisor approval.

FTA 4100. Inform. Security for FinTech. 3-0-3 Units.
The purpose of this course is to introduce the business student to the rapidly evolving and critical international arenas of privacy, information security, and critical infrastructure. This course is designed to develop knowledge and skills for security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-facing systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations.
Prerequisites: WSOB or STM advisor approval.

GEOG Courses

GEOG 1100. Introduction to Geography. 3-0-3 Units.
Offers a broad introduction to the field of geography, with its various traditions, subfields, and associated technologies. Topic areas covered include the multiple aspects of cultural and physical geography and tools used in the discipline.
Prerequisites: ENGL 0999 unless exempt.

GEOG 1101. Intro to Human Geography. 3-0-3 Units.
Introduces the study of world geography with attention given to demographic, political, cultural, economic, and environmental characteristics of regions of the world.
Prerequisites: ENGL 0999 unless exempt.

GEO 1111. Intro to Physical Geography. 3-0-3 Units.
Introduces the basic principles of geography as related to the physical elements of the human environment and area distribution throughout the world. Includes maps and locations, weather, climate, and natural resources.
Prerequisites: ENGL 0999 unless exempt.

GEOG 3310. Historical Geography. 3-0-3 Units.
Investigates the changing landscape of North America from the Pre-Columbian era to the present. Surveys past places, spaces, regions, movements, environments, and landscapes.
Prerequisites: HIST 2111 or HIST 2112.

GEOG 3320. The African Americas. 3-0-3 Units.
Examines the influence of African peoples on regional formation in the Americas with a focus on the biophysical landscape and African adaptation/relationships, the geographic imagination of African American regions, and the relational approach in defining African American regional formation.
Prerequisites: HIST 2111 or 2112.

GEOG 3330. Heritage Tourism. 3-0-3 Units.
Provides an overview of heritage tourism, tourism that focuses on the cultural and natural heritage of a region. Topics may include archaeological sites, indigenous culture, agriculture, and cultural landscapes, religious sites, heritage sites, and culture tourism interspersed with case studies from the Greater Chattanooga region and Georgia.
Prerequisites: HIST 2111 or 2112.

GEOL Courses

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Courses

GEOL 1000. Natural Hazards. 1-0-1 Unit.
This course focuses on natural hazards, their natural causes, their impact on society, and the public policy and technology used to mitigate their impact. Historically important, national and international events will be studied to examine their effects. Future potential hazards are discussed in the context of preparedness and planning. (S)
Prerequisites: ENGL 0999 unless exempt.

GEOL 1011K. Intro Geosciences I. 3-3-4 Units.
This course covers Earth materials and processes. Geology 1011K is a 4 semester-credit-hour course, equivalent to an on-campus geology lecture course combined with a geology laboratory course. The course is delivered via Vista to your computer. A few selected portions of the laboratory assignments need to be returned to the instructor by postal mail for grading. The course is designed for you to follow a weekly schedule and learn through readings, discussions, Lab assignments, quizzes, and exams.
Prerequisites: ENGL 0999 unless exempt.
GFA Courses

Courses

GFA 1000. Intr. to On-Set Film Production. 6-0-6 Units.
This course is the first of an 18-credit hour certificate program which will provide an introduction to the skills used in on-set film production, including all forms of narrative media which utilize film-industry standard organizational structure, professional equipment and on-set procedures. In addition to the use of topical lectures, PowerPoint presentations, videos and hand-outs, the course will include demonstrations of equipment and set operations as well as hands-on learning experiences. Students will learn: film production organizational structure, job descriptions and duties in various film craft areas, names, uses and protocols related to various pieces of professional on-set film equipment. Students will also learn, through lecture and exercises, how the various film craft relate to one-another on a working set, as well as how they all must operate in sync. In addition, students will learn skills related to networking and self-marketing.
Prerequisites: 2.5 GPA and completion of at least 25 hours of credit at Dalton State College (dual enrollment courses may count).

GFA 2000. GA Film & TV Prod Internship. 6-0-6 Units.
Upon successful completion of GFA 1000: GFA Introduction to On-Set Film Production and one GFA specialty craft course, the GFA Film & Television Production Internship course is a 6 hour option as part of the 18 credit hours needed for the Georgia Film Academy (GFA) Certification Program. The course is designed to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standards, organizational structure, professional equipment and on-set procedures by giving students hands-on experience on the sets and offices of working film productions and businesses. Students will also have an opportunity to network and to build resumes in order to help market themselves with the intention of integrating into the film industry as entry-level workers. This course is by application only.

GFA 2010. GFA Set Construction & Paint. 6-0-6 Units.
This course is designed to equip students with entry-level skills and knowledge of set construction for the film and television industry. Students will participate in goal oriented class projects including mood-boards, drafting, reading blueprints, architectural models, set safety, use of power tools, carpentry and scenic paint. Students will ultimately work on a final project that will give them hands on experience from concept to completion, solving real world problems with the skills they learn. A large emphasis will be placed on set etiquette, including but not limited to, attitude, professionalism and technique on and off set.

GFA 2020. GFA Lighting & Electric. 6-0-6 Units.
This course is designed to equip students with the skills and knowledge of electrical distribution and set lighting on a motion picture or episodic television set in order to facilitate their entry and advancement in the film business. Students will participate in goal oriented class projects including power distribution, set protocol and etiquette, properly setting lamps, department lingo, how to light a set to feature film standards, motion picture photography, etc. Upon completion of this course, the student will have a very solid and broad base of knowledge that includes, but is not limited to, the equipment, techniques, communications, specifications, etc. used in the set lighting department. The student will also have a virtually complete understanding of the behavior of light and how to manipulate and control it to feature film standards.

GFA 2030. Grip & Rigging. 6-0-6 Units.
Grip and Rigging is an introduction and orientation to the practice of rigging and supporting grip equipment, cameras, vehicles and other physical/mechanical devices. This class is designed to move cameras from beyond sticks and lights from beyond stands. In addition to a gaining a thorough knowledge of the equipment used in grip and rigging, students will engage in on-set exercises in inventory, maintenance, set-up, trouble-shooting, teamwork, set protocol and safety. The purpose of this course is to prepare students to work on a motion picture production set. As such, student responsibilities are matched to potential responsibilities as a team member on a production set as closely as possible.

GFA 2040. Post Prod Avid Media Composer I. 6-0-6 Units.
This course is designed to certify students with Avid Media Composer User Certification. This certification is recognized world-wide as the industry standard for assistant editors in feature films and broadcast television. This course will equip students with a unique skillset and knowledge of industry standard digital imaging, editorial process and story forging on both motion picture or episodic nonlinear productions. At the end of the course, the students will be qualified to advance a career in entertainment post production of film and television. Successful completion of the coursework will award students Avid Media Composer Certified User 100 certification and qualify them to work as an assistant editor in feature films and episodic television. Students will learn “Avid Media Composer” post production processes and best practices, industry standard department lingo, image processing, basic visual effects, and color grading as well as “Digital Imaging Technician (DIT)” workflows. A large emphasis will be placed on the technical aspects of the industry standard editing tools, as well as attitude, professionalism and technique in and out of the edit room. Students will certify as an Avid Media Composer User upon passing Avid’s certification exam.
GFA 2050. Special Effects Make-Up. 6-0-6 Units.
This course is designed to educate students with entry-level skills and knowledge in practical Special Effects (SFX) Make Up for the film and television industry. Students will participate in goal-oriented class projects including fabrication, material safety, use casting materials, professional make-up, sculpting, airbrushing, and design. A large emphasis will be placed on set etiquette including, but not limited to, attitude, professionalism and technique on and off set.

GFA 2060. GFA Production Accounting. 6-0-6 Units.
This course is designed to give students a broad understanding of Production Accounting and related production concepts. Students will learn the fundamentals of Production Accounting for the entertainment industry, including how to manage the finances on a production and maintain accurate records. This course will explain the relationship between the production accounting department, the producers, the production office and set. Practical experience will be created by the use of industry standard software.
Prerequisites: GFA 1000.

GFA 3140. Prof Asst Sound Engr w/ Avid P. 6-0-6 Units.
This course is designed to certify and equip students with a unique skillset and knowledge of the Digital Audio editorial process in order to facilitate their entry and advancement in the entertainment post production industry. Students will have the opportunity to certify as an “Avid Technology ProTools User.” More specifically, students learn and may certify in industry best practices for the digital audio process within an industry standard sound department. Upon successful completion of this course, the student will be ready to enter the film industry as a working digital audio technician and/or assistant digital audio technician. The student will have the opportunity to achieve globally recognized certification in Avid ProTools 100 level curriculum. Upon completion, students will have a broad base of knowledge that will allow him/her to integrate with a digital audio team from the first day. This knowledge includes, but is not limited to, the equipment, techniques, communications, specifications, etc. used in the digital audio department.

GFA 4040. Professional Editing-Post Prof. 6-0-6 Units.
Students who successfully complete this course and pass the embedded AVID Media Composer Professional Editing 1 (MC 200) and Media Composer Professional Editing II (MC 210) exams will earn the industry post production credential of “Avid Certified Professional in Media Composer.” With the step-by-step guidance from an Avid Certified Professional Instructor in this course, students will learn the skills needed to optimize editing workflows, streamline and ingest process and manage media. Students will learn advanced picture editing techniques, how to quickly prepare for multi-cam editing and how to work with graphics and mattes. This course also covers compositing with the 3D Warp effect, color correction and an in-depth look at some of the wide range of audio tools and effects included in Media Composer. Focusing on real world workflows, Media Composer Professional Editing takes students to a new and higher level of editing, providing an in-depth knowledge to distinguish as industry recognized, true editing professional.

GRMN Courses

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Courses

GRMN 1001. Elementary German I. 3-0-3 Units.
Provides an introduction to the German language and the culture of the German-speaking world. Beginning of a survey of basic German grammar and the grammar and the development of the four language skills of listening, speaking, reading, and writing German. Some aspects of everyday life in the German-speaking world will also be introduced.

GRMN 1002. Elementary German II. 3-0-3 Units.
Provides the second part of an introduction to the German language and the culture of the German-speaking world. Completion of the survey of basic German grammar and further development of the four language skills of listening, speaking, reading, and writing German. Aspects of everyday life in the German-speaking world will also be introduced.
Prerequisites: GRMN 1001.

HADM eMajor Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

HADM 3301. Health Care Organizations. 3-0-3 Units.
This project based course is intended for those interested in a systematic understanding of organizational principles, practices, and insights pertinent to the management of health service organizations. While based on state-of-the art organizational theory and research, the emphasis is on application. Students will go beyond the traditional focus of health care in hospitals and other provider organizations to include suppliers, buyers, regulators, public health and financing organizations, and examine a more comparative global perspective of how the United States and other countries address issues of health and health care. Case studies, practical scenarios, and controversial issues are highlighted in each chapter to challenge the student to provide solutions and philosophical positions on a variety of issues.

HADM 3302. Health Care Economics. 3-0-3 Units.
This course is intended for those interested in an analytical approach to the study of medical services, and, through the use of numerous applications and figures, to illustrate the usefulness of economics as is applicable to the understanding of public policy issues affecting this sector.

HADM 3303. US Health Care Systems. 3-0-3 Units.
Fundamental concerns such as cost, access, quality, financing, health workforce, and public health represent key topics. We will apply these topics or problems to real-life situations. The approach will be purposeful to allow the successful student to recognize how these topics interact with each other within the whole health care system.
HADM 3304. Health Care Communication. 3-0-3 Units.
There is a growing awareness that communication not only affects but is inextricably linked with issues of health and medicine. This is true on a personal level in the way patients and caregivers interact in the examination and hospital room. It is also true on an organizational level in that policies and community relations affect the way health care is provided and the way people feel about providers. It is also evident in media campaigns that seek to educate people about health. Consequently, this course is intended for those interested in the Health Industry and those with a research interest in Health Communication including caregivers, public relations professionals, media planners and producers, public health promoters, marketing professionals, educators, human resources personnel, health care administrators, researchers, educators and others. The course explores the diverse perspectives of people involved in health communication by presenting cultural ideas about health, stimulating discussions of ethical issues and examining the role that race, age, ability, language, sexual orientation, to mention a few, play in health communication.

HADM 4301. Designing Health Comm Msgs. 3-0-3 Units.
Health communication messages inform, convince, and motivate their audience for a change in behavior. This course illustrates the importance of effective communication in disease prevention and health promotion. It highlights the importance of building theory-based messages while being responsive to diverse audience needs. It also illustrates core communication principles and processes for designing effective messages for health communication interventions and campaigns. Perspectives from multiple areas including psychology, public health, and social marketing are integrated. Prerequisites: HADM 3304.

HADM 4401. Health Care Compliance. 3-0-3 Units.
This course provides a comprehensive overview of health law, which is relevant to students seeking the basic management skills required to work in health care organizations, and students currently working in health care organizations. We will focus on an overview of specific health laws and affordable health care to producers of medical products and the future of health care in the U.S. The course concludes with a summary of improved medical technologies and the future of personalized health care.

HADM 4402. Health Information Mgmt. 3-0-3 Units.
A study of recordkeeping practices in the hospital and physician's office. Emphasis is placed on hospital and medical staff organization, patient record content, procedures in filing, numbering and retention of patient records, quantitative analysis, release of patient information, forms control and design, indexes and register, reimbursement, regulatory and accrediting agencies, and alternative health care delivery systems.

HADM 4403. Healthcare Ethics and Law. 3-0-3 Units.
This course is intended for those interested in expanding the quality of their reasoning. Practitioners must deal with facts, concepts, contexts, basic principles, and people. They should be prepared to make decisions in an arena of passion, prejudice, and ambiguity, regardless of the complexities, and be prepared to support their views in the deliberative process.

HIST Courses

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Courses

HIST 1050. Appalachian Hist-Special Topic. 1-0-1 Unit.
Provides a topical survey of the social, economic, and political history of the Appalachian Region from the colonial period to the present. This course examines patterns of culture, economy, politics, land use, and social structure. Topics may vary each term. (Offered occasionally) Prerequisites: English 0999 unless exempt.

HIST 1051. Sports Hist & Amer Character. 1-0-1 Unit.
Surveys American sports history from 1900 to present to demonstrate the impact of sports on the unique American character. The course will emphasize the relationships of sports, players, and spectators to American society. Through the connection of sports history with politics, sociology, and business, students will analyze how sporting activities reflect the development of American society during the twentieth century. Prerequisites: English 0999 unless exempt.

HIST 1111. World Civilization to 1500 CE. 3-0-3 Units.
Surveys the history of civilization from its beginnings through the ancient, classic, and medieval eras to 1650 C.E. Although Western civilization and its antecedents in the Mediterranean basin receive the most intense study, Indian, Far Eastern, and Islamic civilizations are also given extensive consideration. Prerequisites: English 0999 unless exempt.

HIST 1112. World Civilization since 1500. 3-0-3 Units.
Surveys the history of civilization in the modern era from 1650 C.E. to the present. While the perspective of the course is global, the development of Western ideals and institutions and their expansion on a world-wide scale serve as the basic organizing principles of the course. A continuation of HIST 1111 but may be taken independently. Prerequisites: English 0999 unless exempt.

HIST 2111. United States History to 1877. 3-0-3 Units.
Surveys the history of colonial America and the United States from the first European encounters with the New World through the Civil War and Reconstruction. Prerequisites: English 0999 unless exempt.

HIST 2111H. Honors US History to 1877. 3-0-3 Units.

HIST 2112. United States Hist since 1877. 3-0-3 Units.
Surveys United States history from the Reconstruction era to the present. A continuation of HIST 2111 but may be taken independently. Prerequisites: English 0999 unless exempt.

HIST 3000. The Study of History. 3-0-3 Units.
Provides an introduction to the historian's craft. Includes an examination of the philosophies, methodologies, and techniques of historical research and writing. History majors must take this course at the beginning of their junior year. Prerequisites: HIST 2111 and HIST 2112.

HIST 3050. The Ancient Mediterranean. 3-0-3 Units.
Examines ancient civilizations in the region of the Mediterranean Sea. Topics will include the history of ancient Egypt and Mesopotamia, Greece, and Rome. Emphasis is placed on political, social, economic, and military systems and on the historical relationships among the major Mediterranean cultures. Prerequisites: HIST 1111 and HIST 3000.
HIST 3100. History of Latin America. 3-0-3 Units.
Explores Amerindian, Iberoamerican, and Caribbean history from pre-encounter times to the present. Topics will include European intrusion and settlement, plantation societies, slavery, and slave rebellions, 19th and 20th century political and economic developments and U.S. policy.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3110. Colonial Latin America. 3-0-3 Units.
Explores Amerindian, Iberoamerican, and Caribbean history from pre-encounter times to the end of the colonial period in the late 18th century. Topics will include European intrusion and settlement, systems of colonial governance, plantation societies, and slavery.
Prerequisites: HIST 1111 and 1112; prerequisite or co-requisite: HIST 3000.

HIST 3120. Modern Latin America. 3-0-3 Units.
Examines the establishment of government and new social structures in society after the wars for independence as well as the major developments during the 19th and 20th centuries. This course covers the contributions of indigenous peoples and those of African descent to Latin American culture and emphasizes major trends and developments in the various Latin American countries rather than the details of each of the present republics.
Prerequisites: HIST 1112; prerequisite or co-requisite: HIST 3000.

HIST 3150. History of Africa. 3-0-3 Units.
Explores the history of Africa from the origins of agriculture, the rise of complex societies, the spread of Islam, the rise of the Atlantic slave trade and Diaspora. Topics will also include European conquest and colonization, anti-colonial wars, independence and post-colonial politics.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3160. The African Diaspora. 3-0-3 Units.
Examines the history of the dispersed Africans covering the period from its beginnings in the fifteenth-century until the early twentieth century, including contacts between Africa and the rest of the world, the development of African Diasporas in the Americas, revolutions and abolitionism, and “back to Africa” movements.
Prerequisites: HIST 1111 or HIST 1112, and HIST 3000.

HIST 3200. Traditional China. 3-0-3 Units.
Surveys the history of Chinese civilization from ancient times to the mid-nineteenth century. Emphasis is placed on political, social, economic, and cultural development. Topics include Chinese philosophy, foreign relations, and governmental structures.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3210. Modern China. 3-0-3 Units.
Surveys the history of China from the nineteenth century to the present. Emphasis is placed on political, social, economic, and cultural developments.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3230. History of the Middle East. 3-0-3 Units.
Surveys the history of the Middle East from 1453 to the present. Focus is on the evolution of religions, nationalist and cultural identities in the region, and their contribution to political revolutions.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3300. English History to 1485. 3-0-3 Units.
Traces the development of England from ancient times until 1485. Special attention will be given to the political, religious, and social developments within England. The Romand and Anglo-Saxon periods and the dynasties established after the Norman Conquest will all be examined.
Prerequisites: HIST 1111 and pre- or co-requisite: HIST 3000.

HIST 3310. Tudor-Stuart England. 3-0-3 Units.
Explores the religious, political, and cultural upheavals in England under the Tudor and Stuart monarchs of the sixteenth and seventeenth centuries.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3320. History of Britain since 1714. 3-0-3 Units.
Traces the history of Britain from the age of the American War of Independence and the Industrial Revolution through the 20th century. Particular attention will be paid to political culture, intellectual change, and economic readjustment in the 20th century.
Prerequisites: HIST 1112 and HIST 3000.

HIST 3325. Introduction to Public History. 3-0-3 Units.
Exposes students to how Americans think about the past, as well as its commemoration and public presentation. Special focus will be placed on the ways in which historians transfer their writing, research, and analytical skills to professions outside of academia. Major subfields and professions within public history are examined as are the current issues and controversies within the field.
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3340. The British Empire. 3-0-3 Units.
Examines the British Empire from the first expansion in the 16th century to the period of decolonization in the 20th century. The ways the British built and then maintained the empire will be explained. Emphasis will be on Australia, Canada, South Africa and India, but imperial holdings across the globe will also be considered.
Prerequisites: HIST 1112; prerequisite or co-requisite: HIST 3000.

HIST 3345. Business & Econ Hist of the US. 3-0-3 Units.
Surveys United States economic history from colonial times to the present. Emphasis will be placed on the dynamic growth and socio-political repercussions of American industrial power at home and abroad from the second half of the 19th century. (Offered occasionally)
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3350. History of Appalachia. 3-0-3 Units.
Surveys the history of the Appalachian region from the colonial period to the present. The course will emphasize the social, economic, and political history of the region. This study of Appalachian history will shed light on the national experience as well.
Prerequisites: HIST 2111 or HIST 2112 and HIST 3000.

HIST 3340. Europe in the Middle Ages. 3-0-3 Units.
Surveys Medieval Europe from 476 to the fall of Constantinople in 1453. The rise of the Catholic Church to its dominant position in the 13th century and the struggles of the monarchs and their feudal values will be discussed along with such topics as the Black Death and the Inquisition.
Prerequisites: HIST 1111 and HIST 3000.

HIST 3340. Renaissance and Reformations. 3-0-3 Units.
Analyzes the two great intellectual movements of early modern Europe. Details will include the religions and social context in which these movements took place and their respective influences on European society.
Prerequisites: HIST 1111 or HIST 1112 and HIST 3000.

HIST 3380. Europe in the 19th Century. 3-0-3 Units.
Integrates social, cultural and political events and includes such topics as religion, social structures, economics, and modern warfare in 19th century Europe.
Prerequisites: HIST 1112 and HIST 3000.
HIST 3490. Europe in the 20th Century. 3-0-3 Units. 
Integrates social, cultural, and political events and includes such topics as religion, social structures, economics, and modern warfare in 20th century Europe. 
Prerequisites: HIST 1112 and HIST 3000.

HIST 3495. World War I Era. 3-0-3 Units. 
Explores the origins and conduct of World War I, as well as the Paris Peace Conference after the war and the role the conference played in the coming of World War II, twenty years later. Emphasis will be place on Germany, France, Great Britain and Russia, and their roles in the war. 
Prerequisites: HIST 1112 and HIST 3000.

HIST 3500. World War II Era. 3-0-3 Units. 
Examines the causes of World War II, along with the events and implications of the war. Emphasis will be placed on the period from the end of World War I to 1945, with special consideration given to the political, military, and diplomatic aspects of the war. 
Prerequisites: HIST 1112 and HIST 3000.

HIST 3510. History of Japan. 3-0-3 Units. 
Surveys the history of Japan from ancient and medieval Japan’s cultural foundations to modern Japan’s transformation from an agrarian country to an economic superpower. 
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3520. France: 1660-1815. 3-0-3 Units. 
Surveys French history, including such topics as French expansion and colonization, the Enlightenment, conflicts in French society under the Old Regime, the Revolution, and the Napoleonic Wars. 
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.

HIST 3540. Modern Russia. 3-0-3 Units. 
Stresses the Russian Revolution, the 1917 Bolshevik takeover, Leninist-Stalinist contributions and modification culminating with Gorbachev and includes the 1991 downfall of Communism and the emergence of a new Russia. 
Prerequisites: HIST 1112 and HIST 3000.

HIST 3550. Modern Germany. 3-0-3 Units. 
Surveys German history since 1848, including such topics as German unification, the Franco-Prussian War, World War I, the Rise of Nazism, World War II, the division of Germany, and the Cold War to reunification and the present. 
Prerequisites: HIST 1112 and HIST 3000.

HIST 3560. Modern Russia. 3-0-3 Units. 
Provides an introduction to American historic preservation and focuses on its history and practices. The course surveys the growth and development of the preservation of sites, landscapes, and buildings, in particular, and investigates the legislation (national, state, and local) that established and continues to guide the field of preservation, providing students with knowledge of historic preservation issues, programs, and practices. Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3630. Introduction to Museum Studies. 3-0-3 Units. 
Provides students with an overview of the purpose, function, and history of museums and their role in society. Students will be introduced to all of the disciplines within the museum and will discuss recent issues in the field. Additional readings, responses, and presentations will allow students to explore their own interests in the field. Students will gain hands-on experience using the resources of the Bandy Heritage Center. 
Prerequisite(s): HIST 2111 and HIST 2112 and HIST 3000.

HIST 3640. Archival Management in Museums. 3-0-3 Units. 
Introduces students to the art of archival theory and practice. 
Prerequisite(s): HIST 2111 and HIST 2112 and HIST 3000.

HIST 3650. History and Memory. 3-0-3 Units. 
Examines the literature of public history and memory. Through readings and discussion, the class will examine the changing interpretations of historical events over time, the influence of historical memory, the politics of historical interpretation, and the public presentation of history. 
Prerequisite(s): HIST 2111 and 2112 and HIST 3000.

HIST 3700. American History and Film. 3-0-3 Units. 
Explores the history of the United States through films made about various historical eras. Through a contextualization and critical analysis of these films and their subjects, students will develop an understanding of the major themes in US history. 
Prerequisites: HIST 2111 or 2112, prerequisite or co-requisite: HIST 3000.

HIST 3710. Amer Indian History to 1840. 3-0-3 Units. 
Explores the impact of colonization on Native Americans to 1840, focusing on the adaptations of Indians to the tremendous changes brought about by the meeting of the Old World and the New World. 
Prerequisites: HIST 2111 and HIST 3000.

HIST 3720. Amer Indian History since 1840. 3-0-3 Units. 
Explores how Native Americans themselves have constructed their lives from 1840 through the 20th century. Special attention will be given to U.S. government policy toward the Indians. 
Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 3725. Religion in America to 1860. 3-0-3 Units. 
Provides a broad knowledge of religion in early America, primarily from a social and cultural perspective, until 1860. Topics will include region, social class, growth of institutions, slavery, and social reform in traditions including Protestantism, West African religion, Catholicism, Native American religion, and Judaism. 
Prerequisites: HIST 2111 and HIST 3000.

HIST 3730. Colonial America. 3-0-3 Units. 
Provides an in-depth study of Colonial America, particularly North America, from pre-Columbian times up to the Revolutionary era. 
Prerequisites: HIST 2111 and HIST 3000.

HIST 3735. Revolutionary America. 3-0-3 Units. 
Provides an in-depth study of Revolutionary America from the end of the French and Indian War to the election of 1800. 
Prerequisites: HIST 2111 and HIST 3000.
HIST 3740. Jeffersonian/Jacksonian Amer. 3-0-3 Units.
Explores the history of the United States from the early republic to the antebellum period. The course focuses on expansion, industry, the development of the first and second party systems, and the factors which led to the sectional crisis.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3750. Civil War & Reconstruction. 3-0-3 Units.
Explores the origins and conduct of the war as well as its legacy and impact on people and institutions. Emphasis will be placed on the American South and the experiences of African Americans.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3755. American Foreign Policy. 3-0-3 Units.
Examines the role of the United States in world affairs, the motivations of foreign policymakers, and the ramifications of key decisions. The primary focus will be on the period after 1890, when the United States emerged as a global power. The course will also address the foundations of the country's approach to international relations and introduce the various approaches of studying foreign relations.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3760. Gilded Age/Progres Era America. 3-0-3 Units.
Surveys the political, social, economic, diplomatic, and intellectual history of the United States from the 1870s to the 1910s.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3770. America from WWI to WWII. 3-0-3 Units.
Focuses on the political, social, economic, diplomatic, and intellectual history of the United States as the nation grappled with its participation in the two major world wars as well as dealt with the consequences of a worldwide depression.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3780. Cold War America. 3-0-3 Units.
Surveys the political, social, economic, diplomatic, and intellectual history of the United States from the end of World War II to the early 1990s.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3785. The American Presidency. 3-0-3 Units.
Examines the evolution of the presidency from its creation to the present. This course explores the relationship of the presidency with other governmental institutions, interest groups, the press and the public.
Prerequisites: HIST 2111, 2112, and 3000.

HIST 3800. Civil Rights Movement. 3-0-3 Units.
Surveys the Civil Rights Movement from World War II to the present. Emphasis will be placed on the leaders as well as the events that helped shaped the movement.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3810. African-Amer Religions to 1860. 3-0-3 Units.
Examines African American spirituality and religion from the arrival of African slaves to the Americas until the verge of the United States Civil War. It will illustrate the variety of African spirituality through time, as well as the influence of environment, Christianity, and white-black relations on the development of these different spiritualities, with special attention being given to the institution of slavery. The development of African Christianity will be a focus, but the course will also address Islam, traditional African faiths, and Afro-Caribbean religions.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3830. The Old South. 3-0-3 Units.
Explores the life and events in the American South from the colonial period to the end of the Civil War.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3835. The New South. 3-0-3 Units.
Encompasses the study of the life and events of the American South from the end of the Civil War to the present.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3840. African-American Hist to 1877. 3-0-3 Units.
Explores the African-American history from its beginnings through emancipation and Reconstruction by analyzing the African origins of black Americans, the middle passage, the development of plantation slavery, and the many historical changes that shaped African-American life and culture thereafter.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3845. African-Amr Hist since 1877. 3-0-3 Units.
Examines the African-American experience from a multidisciplinary perspective from 1877 to the present, focusing on the ways in which African Americans made the transition from slavery to freedom and how the American social, economic, and political landscape was dramatically altered as the antebellum plantation system came to an end and African Americans strove to gain and protect their civil rights.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3850. U.S. Women's History to 1877. 3-0-3 Units.
Surveys the experiences of women in the U.S. from the arrival of the Europeans on the continent through the Reconstruction era. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States.
Prerequisites: HIST 2111 and HIST 3000.

HIST 3855. U.S. Women's Hist since 1877. 3-0-3 Units.
Surveys the experiences of women in the U.S. from the post-Reconstruction era to the present. Women's history will be analyzed as an integral part of American social history and within the context of larger historical changes in the United States.
Prerequisites: HIST 2112 and HIST 3000.

HIST 3860. History of Georgia. 3-0-3 Units.
Examines the history of the state from settlement to the present. Major themes include race, class, and modernization in the development of Georgia. Emphasis will be placed on the cultural, ethnic, and regional diversity of the state.
Prerequisites: HIST 2111 and HIST 2112 and HIST 3000.

HIST 3890. Special Topics World History. 3-0-3 Units.
Focuses on a special topic not otherwise offered in the world history curriculum. Topics, methodology, and instructors vary from semester to semester. Representative topics might include 'U.S. Foreign Policy since 1890;' 'World War II;' 'Women in the Appalachian South;' and 'The Cold War.' This course may be repeated for up to six hours of credit when topics vary.
Prerequisites: HIST 1111 and HIST 1112 and HIST 3000.
HIST 4000. History Internship. 3-0-3 Units.
Provides experience in applying history in a previously approved museum, historical society, archive, center, organization, or government setting. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Credit will be applied toward upper-level American history or World history requirements depending on nature of the appointment. Graded on a satisfactory/unsatisfactory basis. Repeatable for a maximum of 6 credit hours.
Prerequisites: 30 semester hours and permission of instructor.

HIST 4900. Senior Sem in Non-Western Hist. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in non-Western history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: HIST 3100 or HIST 3150 or HIST 3230 or HIST 3510, 30 hours of Upper Level History courses.

HIST 4901. Methods/Strategies Sec Sci. 3-0-3 Units.
Provides secondary teacher candidates with strategies and techniques to become reflective decision-makers. Focuses on active learning through the design of quality assessment and instruction, using appropriate performance based teaching methods.(S)
Prerequisites: Completion of EDUC 3902 and EDUC 3272 with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3273.

HIST 4910. Senior Sem in Chinese History. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in Chinese history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: HIST 3200 and HIST 3210, 30 hours of Upper Level History courses.

HIST 4920. Senior Sem in European History. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in European history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: HIST 3310 or HIST 3320 or HIST 3340 or HIST 3460 or HIST 3480 or HIST 3490 or HIST 3520, 30 hours of Upper Level History courses.

HIST 4930. Senior Sem in American History. 3-0-3 Units.
Requires students to construct a detailed analysis of a specific problem, theme, or topic in American history. Instruction will include coverage of historical research methods, and the ethics of the historical professional. Students will complete a major research paper based on primary and secondary sources.
Prerequisites: 30 hours of upper-level history courses; also HIST 3710 or HIST 3720 or HIST 3730 or HIST 3740 or HIST 3750 or HIST 3760 or HIST 3770 or HIST 3780 or HIST 3830 or HIST 3840 or HIST 3850 or HIST 3930.

HLTH Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

HLTH 1030. Health and Wellness Concepts. 1-0-1 Unit.
Introduces personal responsibility for health and wellness and provides information and strategies that can be adopted. Covers topics such as wellness assessment, self-managed behavior, physical fitness, nutrition, weight control, stress management. This course does not satisfy the physical activity requirement.
Prerequisites: READ 0098, unless exempt.

HLTH 2000. Personal Health & Wellness. 3-0-3 Units.
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.

HLTH 2500. Interpersonal Health/Relations. 3-0-3 Units.
Examines the research on developing and maintaining healthy interpersonal relationships. Emphasis will be placed on promoting positive interactions and productive versus non-productive conflict management.

HLTH 3000. Coping/Stress Mgt/Life Satisf. 3-0-3 Units.
Provides a holistic approach overviewing the basic principles, theories, and techniques for effectively coping with and managing personal stress. Emphasis will be placed on prevention of stress and application of the research on coping and life satisfaction.

HLTH 3001. Personal Health and Wellness. 3-0-3 Units.
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.

HLTH 3005. Responding to Emergencies. 3-0-3 Units.
This course is directed towards those seeking advanced first aid training for schools and communities. It offers American Red Cross certification in CPR for the Professional Rescuer, First Aid and Automated External Defibrillation. This course can train and certify students majoring in various health care, education, criminal justice and general studies curriculums. Also offered as an elective for the minor in Health and Wellness program.

HLTH 2000. Personal Health & Wellness. 3-0-3 Units.
Explores specific topics which promote healthy proactive lifestyles. Each topic covered includes applied skills for making positive lifestyle choices. Focus topics and skills are: exploring the various dimensions of wellness, eliminating self-defeating behaviors, and designing and implementing a personal wellness plan.
HLTH 3250. Careers in Health and Wellness. 3-0-3 Units.
Examines career opportunities for health and wellness majors. Topics include an examination of the health and wellness major, preparation for employment with a focus on the skills employers seek, developing the skills necessary for obtaining employment, and enhancing marketability. Students will complete career inventories and guest speakers from the health professions in the community will be invited to share information about their careers, work experiences, and hiring preferences.

HLTH 3500. Health Aspects/Human Sexuality. 3-0-3 Units.
Examines health issues associated with sex roles, values, gender, sexual orientation, sexual behavior, sexual problems and other issues related to sexual behavior and sexuality. Pre-requisite: HLTH 2500 Interpersonal Health and Relationships

HLTH 3750. Nutrition, Hlthy Eat & Wt Maint. 3-0-3 Units.
Principles of nutrition, diet therapy and knowledge of food preparation. Course includes the basic nutrients necessary for human health, digestion and absorption of key nutrients, relationship between nutrition and physical fitness for weight management, food safety and sanitation, nutrition needs as related to the life cycle and health conditions, disorders and diseases related to nutrition. Pre-requisite: HLTH 3001, Personal Health and Wellness.

HLTH 4000. Motiv Aspects of Hlth Beh Chng. 3-0-3 Units.
Provides an introduction to the study of health behavior change. Theoretical models for behavior change will be explored and applied. Emphasis will be placed on application of theory for the enhancement of community health and for individual well-being.

HLTH 4001. Coping/Stress Mgt/Life Satisf. 3-0-3 Units.
Provides a holistic approach overviewing the basic principles, theories, and techniques for effectively coping with and managing personal stress. Emphasis will be placed on prevention of stress and application of the research on coping and life satisfaction.

HLTH 4100. Motivation Health Behav Change. 3-0-3 Units.
Provides an introduction to the study of health behavior change. Theoretical models for behavior change will be explored and applied. Emphasis will be placed on application of theory for the enhancement of community health and for individual well-being.

HLTH 4250. Core Concepts & Iss in Fitness. 3-0-3 Units.
An introduction to basic scientific knowledge and practical experience in the principles, assessment, and development of total well-being through health-related physical fitness and lifestyle management techniques. Major topics will include: cardiovascular endurance, muscular endurance, muscular strength, flexibility, body composition, and nutrition. Pre-requisite: HLTH 3001 – Personal Health and Wellness

HLTH 4300. Community Health. 3-0-3 Units.
Provides an introduction to community health. Students will develop an understanding of historical and theoretical foundations of community health and major societal health concerns; explore community health models and programs used to address these concerns; and examine racial/ethnic, cultural, and social determinants of health. This course will also provide an introduction to public health program planning and evaluation in the context of community health providing a review of factors that influence as well as improve the health of communities. Pre-requisite: HLTH 4100 – Motivation for Health Behavior Change

HLTH 4500. Special Topics Health/Wellness. 3-0-3 Units.
This course will address Special Topics: Films on Health and Wellness Issues.

HLTH 4750. Coaching & Leadership. 3-0-3 Units.
The course provides an overview of the concepts that are essential in the preparation of sport coaches. Students will evaluate the current theoretical perspectives in the field of sport psychology and critically evaluate the current research in coaching sports. Topics include developing a coaching philosophy, evaluating theories in motivation, understanding team dynamics, communicating effectively, and improving player performance. Pre-requisite: HLTH 4250 – Core Concepts and Issues in Fitness

HLTH 4850. Sr. Sem Capstone in Hlth&Welln. 3-0-3 Units.
This course is the capstone experience for students completing the program requirements for the Bachelor of Science in Health and Wellness. Course topics include trends in health and wellness, professional ethics, diversity issues, marketplace needs, and employment strategies. Pre-requisite: senior status as a Health and Wellness major

HLTH 4900. Practicum/Internship Hlth&Well. 0-0-3-6 Units.
Practicum experiences may be completed in selected health care work environments: public health departments, clinics, hospitals, not-for-profit organizations, community, or commercial settings. The practicum is a supervised experience in several role specialization areas. The general purpose of the practicum is to give students an opportunity to implement the theories and principles acquired in class, develop professional competencies, and to experience diverse working situations. The practicum implies a team relationship among the student, the cooperating administrator and the college practicum supervisor. Pre-requisite: senior status as a Health and Wellness major

HUMN Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

HUMN 1000. Mystery Fiction in Pop Culture. 1-0-1 Unit.
Introduces mystery fiction as an expression of popular culture. This course traces the historical and literary development and trends of mystery fiction from its mid-nineteenth-century beginnings; examines the elements of the classic mystery; provides an overview of the numerous subgenres and their characteristics; and examines ways in which characterizations, stereotypes, moral issues, and themes of mystery fiction reflect their own time and society. Short story and novel reading to be supplemented by occasional film, television, or audio versions of texts. (F|M)
Prerequisites: ENGL 0999 unless exempt.

HUMN 1100. Political and Social Rhetoric. 1-0-1 Unit.
Examines the primary social movements of the years 1900-2000 through the public speaking of those movements primary spokespersons. Students are given tools for examining rhetorical discourse as a preliminary to weekly discussions of selected speakers and movements. Video and text selections included. (S, alternating years)
Prerequisites: COMM 1110 and ENGL 1101 with grades of C or better.
HUMN 1201. Expressions of Culture I. 3-0-3 Units.
Surveys landmark creative endeavors from the ancient civilizations up through the Early Renaissance as expressions and reflections of the cultures that produced them. Course emphases include painting, music, dance, sculpture, architecture, myth, drama, philosophy, and literature as means of exploring the human experience. (F, S, M)
Prerequisites: ENGL 1101 with a grade of C or better.

HUMN 1202. Expressions of Culture II. 3-0-3 Units.
Surveys landmark creative endeavors from the High Renaissance to the contemporary world as expressions and reflections of the cultures that produced them. Course emphases include painting, music, dance, sculpture, architecture, myth, drama, philosophy, and literature as means of exploring the human experience. (S)
Prerequisites: ENGL 1101.

HUMN 1300. Christian Fiction/Pop Culture. 1-0-1 Unit.
Traces the historical and literary development and trend of Christian fiction, specifically the Christian novel, from its inception to the present day. It will examine the popularity of this genre, the many subgenres and their characteristics, and the ways in which the characterizations, themes, and moral issues of the novels reflect their own time and society. (When needed)
Prerequisites: ENGL 0999 unless exempt.

HUMN 2000. Environmental Humanities. 3-0-3 Units.

HUMN 3001. Migration the US Latina/o Expe. 3-0-3 Units.
Introduces students to U.S. Latina/o artistic expressions of cultural identity. Through the lenses of cultural studies, postcolonial studies, and history, students will develop a new understanding of migration as it pertains to the U.S. Latina/o experience in the United States and in Latin America.
Prerequisites: ENGL 1102.

INTS Courses

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Courses

INTS 4000. Interdisciplinary Stds Interns. 0-10-3 Units.
Provides experience in applying professional skills learned in the classroom in a variety of professional environments, including large corporations, media outlets (television, radio, newspapers, etc.), educational institutions, nonprofit agencies, government agencies, and others. Application and credit arrangements should be made through the department in advance, normally by mid-semester prior to the internship. Course can be taken once.
Prerequisites: 15 hours of upper-division coursework in a single discipline and permission of chair of Department of Communication or faculty internship coordinator.

INTS 4900. SP: Latina/o, Latin Amer Stds. 3-0-3 Units.
Examines a topic relevant to Latina/o or Latin American studies. Representative topics might include music, film, media, art, drama, business, criminal justice, politics, and health care. May be repeated for a maximum of six hours with change of content. (Offered as needed)
Prerequisites: ENGL 1102 with a grade of C or better.

INTS 4999. Interdisciplinary Studies Sem. 3-0-3 Units.
Focuses on a problem, question, issue, or specialized subject. Students will demonstrate mastery of the student learning outcomes of the program as a part of this capstone course through the completion of a senior paper, a senior research project, or an electronic portfolio under the direction of a Dalton State faculty member. Students will be expected to give a presentation of their work. (F, S) ENGL 1300 with a grade of C or better and a 2.0 GPA.
Prerequisites: Senior Standing.

ISCI Courses

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The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

ISCI 2001. Life and Earth Sciences. 2-2-3 Units.
This course is designed to provide students with a continuation of life sciences learned in Principles of Environmental Science and an introduction to the fundamentals of basic earth science concepts and methodology. Topics include the major concepts of cells, metabolism, geology and meteorology. The focus is on the function and reproduction of biological organisms and earth processes and their effects on the atmosphere, oceans, biological organisms, structure of landforms and formation of soils. (F, S, M)
Prerequisites: BIOL 1105K and ENGL 0999 unless exempt.

ISCI 2002. Integrated Physical Sciences. 2-2-3 Units.
An interdisciplinary course for majors in Elementary Education that introduces students to some of the fundamental concepts and principles of physics and chemistry. Topics may include motion and forces, mechanical and thermal energy, the properties and composition of matter, and the nature of chemical reactions. Instruction emphasizes scientific reasoning and science process skills. (F, S, M)
Prerequisites: MATH 1101 or MATH 1111, and ENGL 0999 unless exempt.

ITEC Courses

Courses

ITEC 3251. Linux II. 3-0-3 Units.
Develops additional skills in Linux systems and increases knowledge of Linux commands. Introduces system architecture, Linux installation, and the Linux file system hierarchy. Upon completion of this course, students will have a knowledge of how to maintain the integrity of Linux file systems, manipulate disk layouts, use package management systems, and manage shared libraries. This course also prepares students to take the LPIC-1 101 certification exam.
Prerequisites: CAPS 1152.
ITEC 3351. Principles Mgmt Info Systems. 3-0-3 Units.
Cross-listed with MGIS 3351. Covers essential business aspects of information systems such as networks, databases, the Internet, management reporting, software development, computer hardware, and information ethics. The course also examines the use of information systems for managerial decision-making and for gaining strategic advantage. Students will utilize basic programming concepts to develop a small application. This course satisfies the computer literacy requirement.(F)
Prerequisites: BUSA 2201.

ITEC 3352. Management Application Prog I. 3-0-3 Units.
Cross-listed with MGIS 3352. Develops a knowledge of language and file structures for computer-based business applications using a major business procedural-oriented programming language. Students will write computer programs on individual and/or team projects. This course satisfies the computer literacy requirement.(F)
Prerequisites: BUSA 2201.

ITEC 3353. Management Application Prog II. 3-0-3 Units.
Cross-listed with MGIS 3353. Emphasizes top-down design, structured techniques, testing and modularity. Emphasis placed on development of correct efficient programs that are easy to maintain. Includes problem analysis, problem design, documentation, testing and debugging. Introduces application development using an object-oriented language. (S)
Prerequisites: BUSA 2201 and ITEC 3352.

ITEC 3354. Telecommunications Management. 3-0-3 Units.
Provides an understanding of telecommunications and data communications technologies, voice communications and data networks, protocols, standards and management. Topics include transmission media, data communications, and voice and data technology.(F)
Prerequisites: ITEC 3351 or concurrent.

ITEC 3356. Database Management Systems. 3-0-3 Units.
Cross-listed with MGIS 3356. Focuses on the use of database systems in business to support information systems and decision-making. Topics include database concepts, data modeling, database design and development, administration of database systems, and database technologies. Students will have hands-on experience developing a database application.(S)
Prerequisites: MGIS 3351.

ITEC 3361. CCNP R&S ROUTE. 3-0-3 Units.
Provides students with deeper knowledge of routing processes within a network environment. Students who take this course will have advanced knowledge of networking protocols including RIP, EIGRP, OSPF, and BGP with a focus on both IPv4 and IPv6. Students will also learn how to secure routing solutions to support branch offices and teleworkers. This course prepares students to take the CCNP R&S ROUTE certification exam.
Prerequisites: CAPS 1276.

ITEC 3362. CCNP R&S SWITCH. 3-0-3 Units.
Provides students with deeper knowledge of the implementation of multilayer switching in complex network environments. Students who take this course will have advanced knowledge of monitoring and maintaining enterprise routed and switched IP networks. Students will also learn secure integration of VLANs, WLANs, voice, and video in campus networks. This course prepares students to take the CCNP R&S SWITCH certification exam.
Prerequisites: CAPS 1276.

ITEC 3390. Management of IS Security. 3-0-3 Units.
Cross-listed with MGIS 3390. Provides a managerial overview of IS security and basic IS security principles while examining operational, technical, and administrative aspects of the topic. This course enables students to improve their IS security management skills and software proficiencies through a thorough investigation of the major concepts and techniques used in enterprise architecture and IS security. It also covers much of the common Body of Knowledge of the CISSP Exam.
Prerequisites: BUSA 2201.

ITEC 3500. Cybersecurity Operations. 3-0-3 Units.
Provides students with content to develop practical, relevant, and job-ready knowledge and skills required of cybersecurity analysts employed in a Security Operations Center. Students will learn how to detect and respond to security threats using the latest technologies. This course aligns to the CCNA CyberOps certification. Prerequisites: CAPS 1390 or Permission of Instructor

ITEC 4358. Web-based MIS. 3-0-3 Units.
Examines the process of developing business information systems with a significant web component. Topics include organizational considerations involved in developing and maintaining a web-enhanced MIS, and system considerations such as usability and other human-computer-interaction (HCI) issues, general and database web-design principles, and programming of web-enhanced systems. Students will develop a web site for a real or hypothetical organization.
Prerequisites: ITEC 3356.

ITEC 4361. CCNP R&S SHOOT. 3-0-3 Units.
Provides students with deeper knowledge of troubleshooting complex LAN and WAN environments. Students who take this course will have advanced knowledge of troubleshooting best practices and industry recognized approaches to network problem solving. This course prepares students to take the CCNP R&S TSHOOT certification exam.
Prerequisites: ITEC 3361 and ITEC 3362.

ITEC 4701. System Analysis & Design. 3-0-3 Units.
Cross-listed with MGIS 4701. Examines the process of developing business information systems. Topics include requirements analysis and specification, systems modeling, and systems design techniques. Structured and object-oriented tools and techniques are introduced. A major component of the course is the analysis, design and development of a business system as a term project.(S)
Prerequisites: MGIS 3352, and MGIS 3356 (formerly MGIS 4356).

ITEC 4800. Special Topics in ITEC. 3-0-3 Units.
Examines current, relevant topics in field of Information Technology.
Prerequisites: Permission of Instructor.

ITEC 4900. Internships in ITEC. 0-0-3 Units.
Provides students with on-site work experience in information technology through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the information technology internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.
Prerequisites: Permission of Instructor.

**LEAD Courses**

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the
end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

LEAD 2100. Leadership Development. 3-0-3 Units.
Students will be introduced to the history, theories, and concepts behind different leadership models, and a primary focus throughout this course will be on servant leadership through service learning opportunities. Additionally, a general understanding of one’s own leadership philosophy will be developed through readings, experiential learning exercises, critical and creative thinking, metacognition, and service learning projects. Topics covered may include servant leadership, ethics, vision, team building, goal setting, decision making, conflict management and resolution, realizing change, and empowering others.

LEAS eMajor Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

LEAS 1100. Intro to Paralegalism. 3-0-3 Units.
An introduction to the field of paralegalism. The course will include the role of paralegal in the legal system, the regulation and ethics of practice and the skills necessary for successful practice.

LEAS 3200. Legal Research I. 3-0-3 Units.
A study of legal research methods utilizing state and federal sources. Students will develop professional skills as they read and analyze appellate court opinions, legislation and pleadings.
Prerequisites: LEAS 1100.

LEAS 3201. Legal Research II. 3-0-3 Units.
A continuation of Legal Research I (LEAS 3200). This course will emphasize computer assisted legal research skills as well as the preparation of legal documents.
Prerequisites: LEAS 1100, LEAS 3200.

LEAS 3210. Pre-Trial Prep/Procedure. 3-0-3 Units.
The study of pre-trial procedures and tactics in civil and criminal cases. The course will include methods of investigation, interviewing clients, preparation of clients and witnesses for testifying, competency of evidence, preparation of interrogatories, other discovery methods, and pleadings.
Prerequisites: LEAS 1100.

LEAS 3220. Business Entities. 3-0-3 Units.
The study of corporate, partnership, and agency law. This course will examine the applicable law as well as the formation and dissolution of various types of business entities.
The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

LPNS 1001. Med Calculation. 2-0-2 Units.
This course provides the student with the basic skills to compute medication dosages and calculate solutions. Proficiency in conversion between systems of measurement will be developed. Content includes some broad drug classifications, actions, common side effects and criteria for evaluating effectiveness of drug therapy.

LPNS 1006. Nursing Fundamentals. 3-3-6 Units.
A foundation course that introduces nursing concepts and skills related to the care of multicultural individuals across the lifespan with a focus on geriatric nursing. Requires clinical applications using evidence-based practice in a variety of health care and simulated settings.
Prerequisites: BIOL 1100, MATH 1001, 1101, 1111, or 1113, ENGL 1101, ENGL 1102 or COMM 1110, and PSYC 1101.

LPNS 1008. Nursing Care of Children. 3-5-5 Units.
This course is designed to focus on children as unique individuals with different capacities and vulnerabilities according to developmental level and health status. Children's responses in health and illness situations are examined within the context of their environment with an emphasis on the family. Nursing interventions that promote, maintain, or restore health and optimal functioning are explored in relation to children and their families. Clinical experiences focus on nursing care of children and families in health care and community settings.
Prerequisites: BIOL 1100 or BIOL 2212, MATH 1101, 1001, 1111, or 1113, ENGL 1101, ENGL 1102 or COMM 1110, and PSYC 1101.
Corequisites: ALHT 1130, NURS 1113, BIOL 2213 is a corequisite if a student took BIOL 2212 and not BIOL 1100.

LPNS 1009. Maternal/Newborn Nursing. 3-5-5 Units.
This course focuses on the provision of nursing care to women across the lifespan and the childbearing family. Women’s health focuses on the physical and psychosocial needs of women throughout their life. A developmental framework for understanding the life cycle, physiological and psychological changes provides the foundation for care giving. An emphasis is on the normal reproductive phases of the life cycle, including prenatal, childbirth, postpartum and newborn care. The concepts of communication, pharmacology, nutrition and education are integrated throughout the course. Students will utilize the nursing process when planning care for women and childbearing families who may vary in age, ethnicity, and cultural backgrounds. Clinical experiences focus on care of women.
Prerequisites: LPNS 1006, LPNS 1008, NURS 1112

LPNS 1010. Medical Surgical I Theory. 4-0-4 Units.
The first of four Medical Surgical courses, this theory course focuses on the health management, maintenance, and the prevention of illness care of the individual as a whole, with attention to deviations from the normal state of health. The definition of client care includes using the nursing process, performing assessments, using critical thinking, and providing client education. This course includes: health management and maintenance, prevention of illness, care of the individual as a whole, and deviations from the normal state of health, client care, treatment, pharmacology, and diet therapy in the cardiac, hematology/lymphatic, immune and musculoskeletal systems and standard precautions related to these systems. All curriculum threads are continuous.

LPNS 1011. Medical Surgical I. 4-16-8 Units.
The first of four medical-surgical courses. This course concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. It includes: health management and maintenance, prevention of illness, care of the individual as a whole, and deviations from the normal state of health, client care, treatment, pharmacology, and diet therapy. Addresses relevant well-defined health alterations. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. All curriculum threads are continuous.
Pre-requisites: LPNS 1001, LPNS 1006.

LPNS 1012. Medical Surgical II. 3-5-8 Units.
The first of two medical surgical courses. This course concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses relevant well-defined health alterations. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings.
Pre-requisites: LPNS 1001, LPNS 1006, LPNS 1008.

LPNS 1015. Medical Surgical II Practicum. 0-16-4 Units.
The first of four Medical Surgical practicum course will provide the student with the opportunity to utilize skills acquired in the core curriculum, to acquire insight into his/her personal development toward becoming a practical nurse, to develop and utilize communication skills, verbal and non-verbal (including documentation in the clients record or chart) and to safely and effectively relate theory in the areas of the cardiovascular, hemotologic/lymphatic, immune and musculoskeletal systems. Clinical skills relating to diagnostic tests and procedures, medical and surgical treatments, medications and diet therapy, psychosocial, cultural aspects, and support of the terminally ill and death will be studied.

LPNS 1020. Medical Surgical II Theory. 4-0-4 Units.
The second of four Medical Surgical courses this theory course focuses on the health management, maintenance, and the prevention of illness and care of the individual as a whole, with attention to deviations from the normal state of health. The definition of client care includes using the nursing process, performing assessments, using critical thinking, and providing client education. As a continuation of LPNS 1010, this course includes: health management and maintenance, prevention of illness, care of the individual as a whole, and deviations from the normal state of health, client care, treatment, pharmacology, and diet therapy in the endocrine, renal, urinary, respiratory and integumentary systems and standard precautions related to these systems. All curriculum threads are continuous.

LPNS 1021. Medical Surgical II. 3-5-9 Units.
A continuation course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses relevant well-defined health alterations. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings.
Prerequisites: LPNS 1006, LPNS 1001, LPNS 1011.

LPNS 1022. Medical Surgical III. 3-5-9 Units.
A culmination course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses complex well-defined health alterations. Involves team management of patients and health care workers. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings.
Prerequisites: LPNS 1009, LPNS 1011.
LPNS 1025. Med Surgical II Practicum. 0-16-4 Units.
The second of four Medical Surgical practicum courses will provide the student with the opportunity to utilize skills acquired in the core curriculum, to acquire insight into his/her personal development toward becoming a practical nurse, to develop and utilize communication skills, verbal and non-verbal (including documentation in the clients record or chart) and to safely and effectively relate theory in the areas of the endocrine, renal, urinary, respiratory and integumentary systems. Clinical skills relating to diagnostic tests and procedures, medical and surgical treatments, medications and diet therapy, psychosocial and cultural aspects will be studied.

LPNS 1030. Medical Surgical III Theory. 4-0-4 Units.
The second of four Medical Surgical courses this theory course focuses on the health management, maintenance, and the prevention of illness and care of the individual as a whole, with attention to deviations from the normal state of health. The definition of client care includes using the nursing process, performing assessments, using critical thinking, and providing client education. As a continuation of LPNS 1020, this course includes: health management and maintenance, prevention of illness, care of the individual as a whole, and deviations from the normal state of health, client care, treatment, pharmacology, and diet therapy in the neurological, gastrointestinal, sensory and mental health systems and standard precautions related to these systems. All curriculum threads are continuous.

LPNS 1031. Medical Surgical III. 4-16-8 Units.
A continuation course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses relevant well-defined health alterations. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. Prequisites: LPNS 1001, LPNS 1006, LPNS 1011, LPNS 1021

LPNS 1035. Med Surgical III Practicum. 0-16-4 Units.
The third of four Medical Surgical practicum courses, will provide the student with the opportunity to utilize skills acquired in the core curriculum, to acquire insight into his/her personal development toward becoming a practical nurse, to develop and utilize communication skills, verbal and non-verbal (including documentation in the clients record or chart) and to safely and effectively relate theory in the areas of the neurologic, gastrointestinal, sensory systems and mental health. Clinical skills relating to diagnostic tests and procedures, medical and surgical treatments, medications and diet therapy, psychosocial and cultural aspects will be studied.

LPNS 1040. Medical Surgical IV Theory. 4-0-4 Units.
This theory based course focuses on the reproductive system, maternal/newborn nursing, and pediatrics. The class begins with an introduction to the reproductive system, caring for clients with reproductive system disorders, and sexually transmitted diseases. The focus then shifts to maternal/newborn nursing and the prevention of illness, care of the individual as a whole, and deviations from the normal state health in the antepartum, intrapartum client, postpartum client, and the neonate. The course ends with the development, prevention of illness, care of the individual as a whole, and deviations from the normal state of health in the newborn, child and adolescent.

LPNS 1045. Med Surgical IV Practicum. 0-16-4 Units.
The fourth of four Medical Surgical practicum courses, will provide the student with the opportunity to utilize skills acquired in the core curriculum, to acquire insight into his/her personal development toward becoming a practical nurse, to develop and utilize communication skills, verbal and non-verbal (including documentation in the clients record or chart) and to safely and effectively relate theory in the areas of the reproductive system, obstetrics and pediatrics. Clinical skills relating to diagnostic tests and procedures, medical and surgical treatments, medications and diet therapy, psychosocial and cultural aspects will be studied.

LPNS 1050. Leadership Theory. 2-0-2 Units.
This online course builds on the concepts presented in previous nursing courses. This course increases the development of skills necessary for successful performance in the job market. Topics include changing roles, nursing supervisory skills, conflict resolution, critical thinking, client/patient education, group dynamics skills, and application of nursing process as a problem solving tool.

LPNS 1051. Leadership. 2-2-3 Units.
This online course builds on the concepts presented in previous nursing courses. This course increases the development of skills necessary for successful performance in the job market. Topics include changing roles, nursing supervisory skills, conflict resolution, critical thinking, client/patient education, group dynamics skills, and application of nursing process as a problem solving tool. Clinical experience will be in a skilled nursing home or acute care setting.

LPNS 1055. Leadership Practicum. 0-2-2 Units.
This clinical course builds on concepts presented in LPNS 1050 and develops the skills necessary for successful performance in the job market. Clinical experience will be in a skilled nursing home or acute care setting.

LPNS 1109. Nursing Fundamentals I. 4-0-4 Units.
The first of two courses. This course assists students in developing the knowledge and skills needed to perform basic nursing procedures. Through emphasis on the nursing process students are taught the basic principles and concepts involved in meeting the needs of the individual patient. Topics include: orientation to the profession, ethics and law, community health, cultural diversity, and basic nursing procedures. (Career Course)(F,S)

Prerequisites: Acceptance into LPN program.

LPNS 1141. Pediatrics. 3-4-5 Units.
This course is structured toward the utilization of the nursing process and nursing skills applicable to child care in the home and hospital setting. Instruction focus will lend itself to relevant pharmacology, diet therapy, normal growth and development, and nursing interventions associated with health prevention and disease/disorders of all body systems. (Career Course)(F,S)

Prerequisites: LPNS 1140.

LSCM Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the
end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

LSCM 3251. Principles of Supply Chain Mng. 3-0-3 Units.
Introduces students to an organization’s resources and processes in its efforts to create products or services. The set of resources planned and managed includes the work force, equipment, materials and information. Topics include coverage of operations strategy and managing change, product design, process selection and planning, and controlling the supply chain. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2850 with a ‘C’ or better.

LSCM 3257. Object Oriented Programming. 3-0-3 Units.
Uses structured programming language for problems related to supply chain management. Emphasis is placed upon development of remote execution programming through LAMP paradigm. Topics include integrated use of operating systems, specialized server software, database and object oriented programming languages applied to problems related to supply chain management.(As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2201 with a ‘C’ or better.

LSCM 4253. Integrated Material/Supply Chn. 3-0-3 Units.
Examines the technology, tools, and practices of modern integrated materials sourcing and logistics. Topics include distribution requirements planning, continuous replenishment, just-in-time, and efficient replenishment. (S (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.

LSCM 4255. Business Process Simulations. 3-0-3 Units.
Covers the basic techniques for computer simulation modeling and analysis of business processes in manufacturing and service industries. Course emphasis is on conceptualizing abstract models of real-world systems (for example, inventory or queuing systems), implementing simulations in Excel and special purpose software (ProModel), production planning and control simulation studies, experimental design, and analyzing simulation output. (F (Online))
Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251 both with a ‘C’ or better.

LSCM 4256. Application Programming SCM. 3-0-3 Units.
Combines database theory and techniques such as tables, queries, forms, reports, and sequential programming with optimization theory to create user friendly applications to support supply chain management.(As Needed)
Prerequisites: Upper Division Eligibility and BUSA 2850 with a ‘C’ or better.

LSCM 4288. Logistics. 3-0-3 Units.
Examines the fundamental elements of channel systems and various institutions that utilize such systems. Distribution models that describe different industries will be investigated. These models will include ways to assess the legal environment and how price is impacted by channel relationships. (F (Evening))
Prerequisites: Upper Division Eligibility and LSCM 3251.

LSCM 4503. Quality Management Systems. 3-0-3 Units.
Examines the continuous quality management and improvement philosophy. Topics include strategic management, quality assessment teams, the role of leadership, lean manufacturing, tools for improving quality processes, techniques for charting attribute and variable data, Statistical Process Control, Six-Sigma, and lean manufacturing. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251, both with a ‘C’ or better.

LSCM 4580. Supply Chain Management System. 3-0-3 Units.
Covers the major components of supply chain management systems that support the major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system.
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.

LSCM 4700. Independent Study LSCM. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Logistics and Supply Chain Management in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project.(F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.

LSCM 4701. Global Strat Supply Chain Mngt. 3-0-3 Units.
This course will provide students with current and emerging textbook theories about global SCM strategies along with participation in a cumulative live case study experience for the Operations and Supply Chain Management Major. Students will use the knowledge gained in the previous courses in Logistics and Supply Chain Management to develop operational strategies for business applications. The case project will allow students to solve practical problems at a manufacturing/service firm with faculty supervision. Student teams will address significant operational problems and identify improvement opportunities. Teams will write recommendation/implementation reports, oversee pilot/full-scale implementations when feasible, and make presentations of their work to faculty and members of the companies involved. (S (Evening))
Prerequisites: Upper Division Eligibility, have completed 9 hours of upper division coursework, completed or concurrently taking LSCM 4253, and LSCM 4288.

LSCM 4800. Special Topics LSCM. 3-0-3 Units.
Examines current, relevant topics in the field of Logistics and Supply Chain Management. Each special topics course will cover a new current topic.(F, S, M)
Prerequisites: Upper Division Eligibility and LSCM 3251 with a ‘C’ or better.

LSCM 4900. LSCM Internship. 0-0-3 Units.
Provides students with on-site work experience in Logistics and Supply Chain Management through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Operations Management internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit.(F,S,M)
Prerequisites: Upper Division Eligibility, LSCM 3251 (Grade of ‘B’ or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a ‘C’ or better.
MARK Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

MARK 3010. Principles of Marketing. 3-0-3 Units.
Provides a general survey of the field of marketing covering marketing channels, functions, methods and institutions. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2106 with a ‘C’ or better.

MARK 3011. Consumer Behavior. 3-0-3 Units.
Examines the fundamental activities and motives impacting consumer choice, use and disposal of products. Emphasis on end users rather than business customers. Topics include internal and external factors that influence consumer choice, marketing strategies that influence consumer choice, group dynamics and the organizational buying process, and global consumption trends. (F (Day & Evening))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3233. Retail Marketing. 3-0-3 Units.
Explores store location, layout, organizational aspects, credit policies and control systems as they apply to retail operations. Investigates the application of these topics as they relate to online marketing strategies and tactics will be investigated as well. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3455. Professional Selling. 3-0-3 Units.
Examination of the complex process involving buyers and sellers of products and services. Concentration on developing the sales skills required for creating effective exchanges and managing long-term relationships. (M (Online))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3517. Services Marketing. 3-0-3 Units.
Emphasizes the unique differences in the marketing of services including the development and implementation of marketing strategies. Topics include consumer behavior in services marketing, the gaps model of service quality, the marketing mix for services, and demand and capacity management. (As Needed)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 3570. Integrated Brand Promotion. 3-0-3 Units.
Focuses on understanding the role of the promotional element of the marketing mix. Topics include the various promotional tools, advertising strategy, creative strategy, the pros and cons of various media options, regulatory constraints and global considerations affecting a firm’s effort toward effective marketing communication. (F (Day)) with a ‘C’ or better.
Prerequisites: Upper Division Eligibility and MARK 3010.

MARK 4121. Marketing Research & Analysis. 3-0-3 Units.
Focuses on the systematic approach to the application of research techniques and procedures for assessing markets. Topics include research design, questionnaire construction, data sources and collection, data analysis, data interpretation and reporting. (F (Day))
Prerequisites: Upper Division Eligibility, BUSA 2850, BUSA 3050, or MATH 2200 and MARK 3010, all with a ‘C’ or better.

MARK 4433. Social Media Marketing. 3-0-3 Units.
This course examines the changing role of social media in the promotional marketing mix, the role of the consumer in social media, online communities and how social media is impacting both marketing and consumer lifestyles. (S (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4480. Sports Marketing. 3-0-3 Units.
This course applies the theoretic foundations of marketing to the sports industry by investigating principles and processes in sports marketing and sales. The foci are on research and development, sport promotion, sport sponsorship, advertising, merchandising, distribution of sports goods, and career opportunities in the field of sports marketing. (F (Day))
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4700. Independent Study Marketing. 0-0-3-6 Units.
Supervised, in-depth individual research and study of one or more current topics in marketing in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4701. Marketing Strategy. 3-0-3 Units.
Integrates marketing principles in the context of the decision making exercises related to customers, products, pricing, promotions, distribution and the laws regarding each of these topics. (S (Day))
Prerequisites: Upper Division Eligibility, MARK 3010 with a ‘C’ or better and an additional MARK course with a ‘C’ or better.

MARK 4800. Special Topics in Marketing. 3-0-3 Units.
Examines current, relevant topics in the field of marketing. Each special topics course will cover a new topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MARK 3010 with a ‘C’ or better.

MARK 4900. Marketing Internships. 0-0-3-6 Units.
Provides students with on-site work experience in Marketing through coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Marketing internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MARK 3010 (Grade ‘B’ or Better), plus an additional 3 credit hours of upper division MARK, and 3 credit hours of any upper division business course all with a ‘C’ or better.

MATH Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the
end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

MATH 0996. Support for Elem Statistics. 2-0-2 Units.
This Learning Support course provides co-requisite support in mathematics for students enrolled in MATH 1401 – Elementary Statistics. Topics will parallel topics being studied in MATH 1401 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1401. Taken with MATH 1401, this course provides an introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Emphasis is on the mathematical foundations for statistics.

MATH 0997. Support Quantitative Skill/Rea. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1001 – Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data. (F,S)
Corequisites: MATH 1001 Quantitative Reasoning.

MATH 0998. Support for Math Modeling. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1101 – Introduction to Mathematical Modeling. Topics will parallel topics being studied in MATH 1101 and the course will provide support for essential quantitative skills needed to be successful in MATH 1101. Taken with MATH 1101, this course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of linear, polynomial, exponential, and logarithmic functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Corequisites: MATH 1101 Introduction to Mathematical Modeling.

MATH 0999. Support for College Algebra. 2-0-2 Units.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. (F,S,M) MATH 1111 College Algebra.

MATH 1001. Quantitative Skills/Reasoning. 3-0-3 Units.
This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequences for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. (F,S)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

MATH 1101. Intro to Mathematical Modeling. 3-0-3 Units.
This course is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequence for mathematics and science majors. This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of linear, polynomial, exponential, and logarithmic functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. (F,S,M)
Prerequisites: Placement into corequisite Learning Support mathematics, unless exempt.

MATH 1104. Applied Mathematics. 3-0-3 Units.
Topics include arithmetic, elementary algebra, geometry, measurement, and elementary trigonometry. (Career Course) (F,S,M)
Prerequisites: MATH 0990 unless exempt for learning support mathematics.

MATH 1111. College Algebra. 3-0-3 Units.
Presents topics in algebra, including the number system, polynomials, algebraic functions, exponents, radicals, linear and quadratic equations, inequalities, lines in the plane, linear modeling, conics, algebra of functions, exponential and logarithmic functions and systems of equations and inequalities. (F,S,M)
Prerequisites: MATH 0998 and MATH 1101 if not eligible for MATH 0999.
Corequisites: MATH 0999 unless exempt from learning support.

MATH 1113. Precalculus Mathematics. 3-0-3 Units.
Provides immediate transition from high school algebra into calculus and physics. Material goes beyond that normally covered in Mathematics 1111. Algebra topics include linear, quadratic equations, functions and graphing, exponential and logarithmic functions. Trigonometry topics include trigonometric functions and inverse, law of sines, law of cosines and identities. For students planning to take calculus and/or physics. (F,S,M)
Prerequisites: MATH 1111.

MATH 1401. Elementary Statistics. 3-0-3 Units.
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics.
Prerequisites: MATH 1001, MATH 1101, or MATH 1111.

MATH 1501. Calculus I. 4-0-4 Units.
This course includes material on functions, limits, continuity, the derivative, anti-differentiation, the definite integral, and techniques of integration.
Prerequisites: MATH 1113.
MATH 2008. Found of Numbers & Operations. 3-0-3 Units.
This course will emphasize the understanding and use of the major concepts of number and operations. Topics include problem-solving strategies; inductive and deductive reasoning; numeration systems and place value; operations and algorithms; identity elements and inverse operations; rational and irrational numbers; integers and number theory; special sets of numbers; exponents and decimals; ratios, percent’s, and proportional reasoning. (F,S)
Prerequisites: MATH 1101, MATH 1111, or MATH 1113.

MATH 2181. Applied Calculus. 3-0-3 Units.
Surveys differential and integral calculus of polynomial, rational, exponential and logarithmic functions. Detailed applications to problems and concepts from business, economics and life science are covered. (F,S,M)
Prerequisites: MATH 1111, MATH 1101, or MATH 1113 with a grade of C or better.

MATH 2253. Calculus and Analytic Geom I. 4-0-4 Units.
Includes topics limits and continuity, derivatives and their applications and an introduction to the concept of the integral. The first in a four course sequence in Calculus. Prerequisite: MATH 1113 or satisfactory mathematics scores of SAT 600/ACT 26 and one year of high school trigonometry. (F,S,M)
Prerequisites: MATH 1113.

MATH 2254. Calculus and Analytic Geom II. 4-0-4 Units.
Emphasizes the definite integral and its applications, the calculus of trigonometric, exponential, logarithmic, hyperbolic and inverse functions, techniques of integration, improper integrals, L’ Hopital’s Rule, infinite series and conic sections. The second course in the Calculus sequence. (F,S,M)
Prerequisites: MATH 2253.

MATH 2255. Calculus and Analytic Geom III. 4-0-4 Units.
Emphasizes the calculus of higher dimensions. Topics include vectors, parametric equations, partial derivatives, multiple integrals and their applications and topics in vector calculus. The third course in the Calculus sequence. (F,S,M)
Prerequisites: MATH 2254.

MATH 2256. Introduction to Linear Algebra. 3-0-3 Units.
Introduces low-dimensional linear algebra through eigenvalues and eigenvectors. Applications to linear systems, least-square problems, and the calculus, including elementary differential equations. (F,S,M)
Prerequisites: MATH 2253.

MATH 2403. Differential Equations. 3-2-4 Units.
A study of differential equations, including first and higher order equations, linear and nonlinear systems of equations, numerical methods to approximate solutions, using Laplace transforms to determine solutions, and methods that yield infinite series solutions. (F,S,M)
Prerequisites: MATH 2254 and Co-requisite: MATH 2256.

MATH 2602. Linear & Discrete Mathematics. 3-2-4 Units.
Explores topics in linear algebra, induction, combinatorics, difference equations, and multivariate optimization with an emphasis on discrete and recursive methods. (F,S)
Prerequisites: MATH 2255.

MATH 2770. Statistics and Applications. 3-0-3 Units.
Introduces the student to topics in probability, probability distributions, point estimation, confidence intervals hypothesis testing, linear regression and analysis of variance. (F,S,M)
Prerequisites: MATH 2255.

MATH 3050. Biological Statistics. 3-0-3 Units.
Advanced concepts in statistics are introduced. Topics include experimental design, hypothesis testing, t-test, z-test, chi-squared test, regression, ANOVA, and non-parametric methods. (F) Prerequisite: MATH 2200 or 1401.

MATH 3101. Intro to Advanced Mathematics. 3-0-3 Units.
Preparation in mathematical reasoning and proof-writing necessary for upper division course work in mathematics. Topics include logic, integers and induction, sets and relations, equivalence relations and partitions, and functions. (F,S)
Prerequisites: MATH 2254.

MATH 3201. Geometry. 3-0-3 Units.
An introduction to Euclidean and non-Euclidean geometries developed with the study of constructions, transformations, applications, and the rigorous proving of theorems. (F,S)
Prerequisites: MATH 3101.

MATH 3301. Combinatorics. 3-0-3 Units.
Basic counting principles: permutations, combinations, probability, occupancy problems, and binomial coefficients. More sophisticated methods include generating functions, recurrence relations, inclusion/exclusion principles, and the pigeonhole principle. Additional topics include asymptotic enumeration, Polya counting theory, combinatorial designs, coding theory, and combinatorial optimization. (Spring Odd Years)
Prerequisites: MATH 2254.

MATH 3401. Linear Algebra. 3-0-3 Units.
Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality. (Spring Even Years)
Prerequisites: MATH 2256.

MATH 3703. Geometry for P-8 Teachers. 3-0-3 Units.
Continues MATH 2008, with emphasis for teachers of grades P-8. Logic; real numbers; basic and transformational geometry; measurement, including the metric system; problem solving; methods and materials for teaching mathematics at the P-8 level. (S,M)
Prerequisites: MATH 2256.

MATH 3803. Algebra for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on understanding of the fundamental concepts of algebra with particular attention to specific methods and materials of instruction. (F,S)
Prerequisites: MATH 2008.

MATH 3900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. Course may be repeated for credit when topic differs. Pre-requisite: MATH 2253 Calculus and Analytic Geometry I and Permission of Instructor. (Offered As Needed)

MATH 4001. History of Mathematics. 3-0-3 Units.
Examines major developments, central themes, and important issues in mathematics throughout history. Undertakes an overview of the historical development of the discipline by focusing on specific theories, problems, and results. (F)
Prerequisites: MATH 2254.

MATH 4101. Abstract Algebra I. 3-0-3 Units.
An axiomatic approach to algebraic structures. Topics include groups, permutations, homomorphisms, and factor groups. (F)
Prerequisites: MATH 3101.
MATH 4102. Abstract Algebra II. 3-0-3 Units.
Examines the central concepts of ring theory and field theory. Topics include modules, Galois theory, integral domains, and advanced linear algebra. Strongly recommended for students intending to complete a graduate degree in mathematics (S)
Prerequisites: MATH 4101.

MATH 4201. Number Theory. 3-0-3 Units.
A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, and continued fractions (S)
Prerequisites: MATH 3101.

MATH 4301. Graph Theory. 3-0-3 Units.
Elementary theory of graphs and digraphs. Topics include connectivity, reconstructions, trees, Euler’s problem, hamiltonicity, network flows, planarity, node and edge colorings, tournaments, matchings, and extremal graphs. A number of algorithms and applications are included (F)
Prerequisites: MATH 3101.

MATH 4401. Operations Research. 3-0-3 Units.
Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming (S)
Prerequisites: MATH 2256.

MATH 4502. Statistics for Process Control. 3-0-3 Units.
Introduces application techniques used in quality/process control with particular application to area industries. Topics include probability, sampling distributions, control charts for variables and attributes, lot-by-lot sampling plans, acceptance sampling for variables, elementary reliability calculations, and an introduction to the concept of quality costs (Spring Even Years As Needed)
Prerequisites: MATH 2181 or MATH 2253 and MATH 1401 or MATH 2200 or MATH 4701 or BUSA 2850.

MATH 4511. Numerical Analysis I. 3-0-3 Units.
Numerical solution of equations, polynomial approximation, numerical differentiation and integration, numerical solutions of ordinary differential equations, error analysis. Written programs using algorithms (F) Co-requisite: MATH 2403.
Prerequisites: CMPS 1301 or CMPS 1371.

MATH 4512. Numerical Analysis II. 3-0-3 Units.
Numerical solutions of systems of linear equations, numerical computations of eigenvalues and eigenvectors, error analysis. Written programs using the algorithms (S)
Prerequisites: MATH 2256 and CMPS 1301 or CMPS 1371.

MATH 4601. Real Analysis I. 3-2-4 Units.
Develops a rigorous approach to functions of a real variable. Topics include limits, continuous functions, differentiation, and Riemann integration (F)
Prerequisites: MATH 2255 and MATH 3101.

MATH 4602. Real Analysis II. 3-0-3 Units.
Continuous and rigorous approach to functions with an emphasis on functions in higher dimensions, including derivatives and integrals in n-dimensional Euclidean space (S)
Prerequisites: MATH 4601.

MATH 4611. Complex Analysis. 3-0-3 Units.
Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping (Summer)
Prerequisites: MATH 2255.

MATH 4701. Probability and Statistics I. 3-0-3 Units.
Sampling distributions, Normal, t, chi-square and F distributions. Moment generating function methods, Bayesian estimation and introduction to hypothesis testing (F)
Prerequisites: MATH 2255.

MATH 4702. Probability and Statistics II. 3-0-3 Units.
Hypothesis testing, likelihood ratio tests, nonparametric tests, bivariate and multivariate normal distributions (S)
Prerequisites: MATH 4701.

MATH 4713. Prob & Stat for P-8 Teachers. 3-0-3 Units.
Provides special emphasis for teachers of grades P-8 on the fundamental concepts of probability and statistics with particular attention to specific methods and materials of instruction (F,S,M)
Prerequisites: MATH 2008.

MATH 4800. Topology. 3-0-3 Units.
This course develops the concepts of open and closed sets, topological spaces, bases, subspaces, continuous functions, homeomorphisms, connected spaces and compact spaces (F)
Prerequisites: MATH 3101.

MATH 4850. Mathematical Finance. 3-0-3 Units.
Introduces finance concepts from a mathematical perspective. Topics include the theory of pricing derivatives, the Black-Scholes model for pricing options, portfolio optimization, and capital asset pricing models (F)
Prerequisites: MATH 2770 or MATH 4701 with a grade of C or better on either math course.

MATH 4860. Internship In Mathematics. 0-0-1-4 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours (F,S,M)
Prerequisites: Permission of department chair.

MATH 4900. Special Topics in Mathematics. 0-0-1-3 Unit.
Variable 1–3 hours. Advanced concepts in mathematics are presented, the content varies with the topic. The course may be repeated for credit when topic differs. Pre-requisite: MATH 3101 Intro to Advanced Mathematics and 2 additional upper level Mathematics courses excluding MATH 3703, 3803, and 4713. Approval of the Instructor is required before registration (As Available)

MATH 4960. Research in Mathematics. 0-0-1-3 Unit.
Students will select a research topic, complete a written research proposal, and in association with a faculty mentor, execute the research plan. This course affords interested junior and senior students an opportunity to participate in a basic research experience with a member of the department faculty. The student will prepare both written and oral presentations of the work, and where appropriate, will be encouraged to make presentations at professional meetings or submit work to a journal for publication. (Dept. Chair Approval) (F,S,M as available)
Prerequisites: Permission of the faculty mentor.

MGIS Courses
Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.
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Courses

MGIS 3351. Principles Mgmt Info Systems. 3-0-3 Units.
Covers essential business aspects of information systems such as networks, databases, the Internet, management reporting, software development, computer hardware, and information ethics. The course also examines the use of information systems for managerial decision-making and for gaining strategic advantage. Students will utilize basic programming concepts to develop a small application. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and BUSA 2201 with a 'C' or better.

MGIS 3352. Management Application Prog I. 3-0-3 Units.
Develops a knowledge of language and file structures for computer-based business applications using a major business procedural-oriented programming language. Students will write computer programs on individual and/or team projects. (F (Evening))
Prerequisites: Upper Division Eligibility and BUSA 2201 with a 'C' or better.

MGIS 3353. Management Applications Programming II. 3-0-3 Units.
Emphasizes top-down design, structured techniques, testing and modularity. Emphasizes on placement of development of correct efficient programs that are easy to maintain. Includes problem analysis, problem design, documentation, testing and debugging. Introduces application development using an object-oriented language. (S (Evening))
Prerequisites: Upper Division Eligibility, BUSA 2201 and MGIS 3352, both with a 'C' or better.

MGIS 3354. Telecommunications Management. 3-0-3 Units.
Provides an understanding of telecommunications and data communications technologies, voice communications and data networks, protocols, standards and management. Topics include transmission media, data communications, and voice and data technology. (F (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3351 or concurrent.

MGIS 3356. Database Management Systems. 3-0-3 Units.
Focuses on the use of database systems in business to support information systems and decision-making. Topics include database concepts, data modeling, database design and development, administration of database systems, and database technologies. Students will have hands-on experience developing a database application. (F (Evening))
Prerequisites: Upper Division Eligibility, BUSA 2201 and MGIS 3352, both with a 'C' or better.

MGIS 3390. Management of IS Security. 3-0-3 Units.
Provides a managerial overview of IS security and basic IS security principles while examining technical, administrative aspects of the topic. This course enables students to improve their IS security management skills and software functionalities through a thorough investigation of the major concepts and techniques used in enterprise architecture and IS security. It also covers much of the common Body of Knowledge of the CISSP Exam. (F (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3351 with a 'C' or better.

MGIS 4358. Web-based MIS. 3-0-3 Units.
Examines the process of developing business information systems with significant web component. Topics include organizational considerations involved in developing and maintaining a web-enhanced MIS, and system considerations such as usability and other human-computer-interaction (HCI) issues, general and database web-design principles, and programming of web-enhanced systems. Students will develop a web site for a real or hypothetical organization. (S (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3356; Corequisite: MGIS 3353.

MGIS 4360. Databases: Big Data & Analytics. 3-0-3 Units.
Provides an overview of database management systems for big data and analytics. Topics include an overview of analytics and related data requirements, data modeling, data management and an introduction to prominent types of database systems designed to support big data and analytics. Students will have hands-on experience with various database technologies. (S (Evening))
Prerequisites: Upper Division Eligibility and MGIS 3356 with a 'C' or better.

MGIS 4580. Supply Chain Management System. 3-0-3 Units.
Covers the major components of supply chain management systems that support major supply chain activities such as planning, sourcing, production, material flow, inventory management, and delivery. Students will have hands-on experience with a commercial-grade supply chain management system. (F (Evening))
Prerequisites: Upper Division Eligibility, BUSA 3055, LSCM 3251, MARK 3010, and MGIS 3351, all with a 'C' or better.

MGIS 4700. Independent Study MGIS. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in MIS in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)
Prerequisites: Upper Division Eligibility, and MGIS 3351 with a 'C' or better.

MGIS 4701. Systems Analysis & Design. 3-0-3 Units.
Examines the process of developing business information systems. Topics include requirements analysis and specification, systems modeling, and systems design techniques. Structured and object-oriented tools and techniques are introduced. A major component of the course is the analysis, design and development of a business system as a term project. (F (Evening))
Prerequisites: Upper Division Eligibility, MGIS 3352 and MGIS 3356 (formerly MGIS 4356), both with a 'C' or better.

MGIS 4800. Special Topics in MIS. 3-0-3 Units.
This special topics course provides an overview of database management systems for big data and analytics. Topics include an overview of analytics and related data requirements, data modeling, data management and an introduction to prominent types of database systems designed to support big data and analytics. Students with have hands-on experience with various database technologies. (F, S, M)
Prerequisites: Upper Division Eligibility and MGIS 3351 with a 'C' or better.

MGIS 4900. Mgmt Info System Internships. 0-0-3 Units.
Provides students with on-site work experience in Management Information Systems through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Information Systems internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F, S, M)
Prerequisites: Upper Division Eligibility, MGIS 3351 (Grade of 'B' or Better), plus an additional 3 credit hours of upper division MGIS, and 3 credit hours of any upper division business course, all with a 'C' or better.
MLTS Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

MLTS 1101. Intro to Health Sci/Phlebotomy. 3-1-3 Units.
The student is introduced to the health sciences environment and language. The hospital as an organization is discussed, as well as the role of each major department. The concepts, personnel, and work flow of the clinical laboratory is discussed in detail, as an example of health care application. Other topics include professional ethics, regulatory agencies, legal concepts as applied to confidentiality and patients rights, infection control, and safety. Students will learn venipuncture/capillary puncture techniques, equipment, application, and specimen processing. Enrollment is limited to students of the Medical Laboratory or Phlebotomy programs. (Career Course)

MLTS 1102. Phlebotomy Clinical Practicum. 1-11-5 Units.
Students receive clinical application of the venipuncture and micropuncture skills learned in MLTS 1101. Five days per week students are assigned to an area hospital where they work under the direct supervision of a preceptor. Students return to campus one afternoon per week for problem-solving and review. (Career Course)
Prerequisites: ALHT 1130, CAPS 1101, MLTS 1101, and BIOL 1100 with a grade of C or better.

MLTS 1103. Hematology/Coagulation I. 2-0-3 Units.
Introduces the fundamental formation of normal blood cells and some disease states related to hematopoiesis. Safety and quality control are also included throughout the course. Instrumentation relating to hematology is introduced. (Career Course)

MLTS 1104. Hematology/Coagulation II. 2-2-3 Units.
Coagulation and related diseases, instrumentation relating to coagulation, critical level, blood cell dyscrasias, special stains, leukemias/lymphomas, flow cytometry, safety and quality control are covered. (Career Course)
Prerequisites: MLTS 1103.

MLTS 1105. Serology/Immunology. 2-2-3 Units.
Introduces the fundamental theory and techniques applicable to serology and immunology practice in the clinical laboratory. Topics include: immune system, antigen and antibody reactions, common clinical applications, serological/microbiological applications, common serological techniques, and safety and quality control. (Career Course)
Prerequisites: BIOL 2215K or BIOL 2213K.

MLTS 1106. Blood Bank. 2-2-3 Units.
Provides an in-depth study of immunohematology principles and practices as applicable to medical laboratory technology. Topics include: genetic theory and clinical implications, immunology, donor collection, pre-transfusion testing, management of disease statistics, and safety and quality control. (Career Course)
Prerequisites: BIOL 2215K or BIOL 2213K.

MLTS 1107. Clinical Chemistry. 3-2-4 Units.
Develops concepts and techniques of clinical chemistry applicable to medical laboratory technology. Topics include: carbohydrates, electrolytes and acid-base balance, nitrogenous compounds, enzymes and endocrinology, bilirubin metabolism, lipids, toxicology and therapeutic drug monitoring, and safety and quality control. (Career Course)
Prerequisites: CHEM 1211K.

MLTS 1112. Urinalysis/Parasitology. 2-2-3 Units.
Provides theory and techniques of urinalysis. Urinalysis topics include: significance, correlation to disease states, physical, chemical and microscopic urinalysis theory and practice. Selected types of other body fluids will be discussed to discover their significance and uses in disease correlation. This class also introduces concepts and techniques used in the identification of selected human parasites. (Career Course)

MLTS 1118. Instrumentation/Computer Appl. 2-2-3 Units.
Clinical Laboratory provides an introduction to basic physics concepts used in clinical laboratory instrumentation. Examines, in detail, selected equipment in the laboratory representing the principles of cell counting, spectrophotometry, continuous-flow analysis, and radioimmunoassay. Computer concepts, applications, and interfacing with laboratory instrumentation is introduced. Satisfies the computer literacy requirement. (Career Course)
Prerequisites: MLTS 1101, MLTS 1103, and MLTS 1105.

MLTS 1190. MLT Clinical Practicum I. 0-3-1 Unit.
Introduces Medical Laboratory Technician students to the hospital environment. Students gain experience with venipuncture and micropipette techniques while working under the direction of a hospital preceptor. (Career Course)
Prerequisites: MLTS 1101 or permission of instructor.

MLTS 1191. MLT Clinical Practicum II. 0-3-1 Unit.
Resumes the clinical experience begun in Medical Laboratory Technology 1190. Students rotate through selected departments in the clinical laboratory to apply and complement concepts and applications learned in previous Medical Laboratory Technology courses. Introduces students to problem solving at the clinical level. (Career Course)
Prerequisites: MLTS 1101, MLTS 1104, MLTS 1105, MLTS 1190.

MLTS 2218. Microbiology. 2-4-4 Units.
Introduces fundamental clinical microbiology theory and techniques applicable to disease state identification. Topics include: isolation techniques, biochemical techniques, anti-microbial sensitivity, safety and quality control, and disease processes. (Career Course)
Prerequisites: BIOL 2215K or BIOL 2213K.

MLTS 2290. MLT Clinical Practicum III. 1-32-12 Units.
Full-time supervised experience in an affiliated clinical laboratory. Students will rotate among designated laboratory sections where they will work side by side with, and be under the supervision of, medical technologists and the laboratory director, to develop professional skills in the practice of medical laboratory technology. (Career Course)

MLTS 2291. MLT Clinical Practicum IV. 0-12-4 Units.
Full-time supervised experience in an affiliated clinical laboratory. Students will rotate among designated laboratory sections where they will work side by side with, and be under the supervision of medical technologists and the laboratory director, to develop professional skills in the practice of medical laboratory technology. (Career Course)
Prerequisites: MLTS 2290 with a grade of C or better.
MNGT Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

MNGT 3051. Principles of Management. 3-0-3 Units.
Introduces the basic concepts and processes of management including the study of the legal, social, and political environment with an emphasis on the behavioral perspectives in organizations. (F (Day & Evening), S (Day & Evening), M (Online))
Prerequisites: Upper Division Eligibility and ECON 2105 with a ‘C’ or better.

MNGT 4053. Human Resource Management. 3-0-3 Units.
Presents theory and policy to perform the human resource function in modern organizations. Topics include EEO law and regulations, selection, recruitment, performance appraisal, compensation, training, and labor relations. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4253. Staffing & Talent Development. 3-0-3 Units.
Staffing & Talent Acquisition will explain the process by which organizations forecast employment needs, recruit potential employees, select high potential candidates from applicant pools, assess job performance levels, give feedback, train and develop existing employees, and deal with voluntary and involuntary turnover. Students will complete semester-long projects that include various technologies and tools used by HR professionals in the staffing process. Students will also be expected to synthesize, evaluate, and suggest improvements for activities/projects completed during the course. (As Needed)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4380. Project Management. 3-0-3 Units.
Covers the fundamental concepts and applied techniques for organizing, planning, and controlling projects. Topics are divided in two categories: behavioral and technical. Behavioral aspects include organizational structure, organizational culture, leadership, teams, and negotiation. Technical aspects include project selection, estimating times/costs, WBS, network computation, PERT/CPM, resource allocation, time reduction, and progress/performance control. Computer software (Excel and MS Project) is introduced to provide hands-on practical training on technical skills. Examples are drawn from a variety of industries including construction and information systems. (F (Day), S (Evening), M (Online))
Prerequisites: Upper Division Eligibility, MNGT 3051 and LSCM 3251 both with a ‘C’ or better.

MNGT 4501. Entrepreneurship. 3-0-3 Units.
Explores the increasing importance of entrepreneurial activity and the steps necessary in starting a new business venture. Topics include the entrepreneurial personality; recognizing and testing business opportunities; developing the business concept; analyzing risk; and financing the new venture. Students design and present a business plan for a new venture. (F (Evening), S (Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010 and FINC 3056, all with a ‘C’ or better.

MNGT 4602. Leadership. 3-0-3 Units.
Focuses on managerial leadership through a broad survey of theory, research and practice of leadership in formal organizations. The topic of leadership effectiveness is at the core of this class. (F (Evening), S (Day))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4605. Organizational Effectiveness. 3-0-3 Units.
Investigates formal organizations as social instruments and the means by which such organizations can become more effective. Topics include organization structure, the effects of structure, organizational growth, and the effects of environment and technology on organizational processes. (F (Day), S (Evening))
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4612. Managing Effective Teams. 3-0-3 Units.
This course provides a structured approach to better understand how teamwork contributes to organizations, the conditions that make interactions between people and groups highly effective, particularly in a global and cross cultural environment, and how to best put this effectiveness to work. Team-related issues from both theory and practice to be discussed include how to avoid limiting pitfalls of teams, how to create a collaborative climate for team performance, the development of team members, and how to motivate team members. (F (Day & Evening), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051 with a ‘C’ or better.

MNGT 4700. Independent Study Management. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Management in conjunction with an associated major project. Student will be required to prepare a formal report and presentation of the topic research and project. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.

MNGT 4701. Strategic Management. 3-0-3 Units.
Represents the capstone course in business. Presents theory and practice of strategic decision making within organizations in a case method format. Topics include environmental analysis, organizational direction, strategy formulation and implementation, strategic control, strategic management theory, research and concepts, environmental influences on business, and secondary research methodology. Students will be required to prepare and deliver an oral team analysis of a publicly-traded company, its industry, and its strategy. Must be taken at DSC in the student’s final semester. (F (Day & Online), S (Day & Evening))
Prerequisites: Upper Division Eligibility, MNGT 3051, MARK 3010, FINC 3056, LSCM 3251, BUSA 3701, all with a ‘C’ or better.

MNGT 4800. Special Topics in Management. 3-0-3 Units.
Examines current, relevant topics in the field of management. Each special topics course will cover a new current topic. (F, S, M)
Prerequisites: Upper Division Eligibility and MNGT 3051 with a ‘C’ or better.
MNGT 4900. Management Internship. 0-0-3-12 Units.
Provides students with on-site work experience in Management through a coordinated academic internship with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Management Systems internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F,S,M)
Prerequisites: Upper Division Eligibility, MNGT 3051 (Grade of 'B' or Better), plus an additional 3 credit hours of upper division MNGT or LSCM, and 3 credit hours of any upper division business course, all with a 'C' or better.

MUSC Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

MUSC 1001. Music Fundamentals. 3-0-3 Units.
Provides an introduction to music theory, covering basic music notation and terminology. Students will learn how to read music, write music, and play music. No previous musical experience is necessary for success in this course. (As needed)
Prerequisites: COMPASS Reading Score of 70 or better.

MUSC 1080. Concert Band. 2-0-1 Unit.
Involves the study and performance of literature composed for concert band from traditional, original, transcribed, contemporary, and diverse cultural sources. Band meets off-campus, and course requirements may include on-campus and off-campus performances. Some previous band experience expected. May be repeated indefinitely with a maximum of 6 credit hours counted toward Area F for the AA in General Studies. (F) Prerequisites: Permission of instructor.

MUSC 1090. Choir. 2-0-1 Unit.
Involves the study and performance of literature composed for large or small choir/chorus from traditional, original, transcribed, contemporary, and diverse cultural sources. Course requirements may include on-campus and off-campus performances. Some previous choir/chorus experience expected, but not absolutely required. May be repeated indefinitely with a maximum of 6 credit hours counted toward Area F for the AA in general studies or Area F in the BA in interdisciplinary studies. (F, S)
Prerequisites: Permission of instructor or other music faculty.

MUSC 1100. Music Appreciation. 3-0-3 Units.
Introduces music from the Middle Ages to the present to foster an appreciation and understanding of music in its cultural/historical context. No musical background is needed. Students who have taken HUMN 1201 may not use MUSC 1100 or THEA 1100 to fulfill their degree requirements in Area C. (F,S,M) Pre- or co-requisite ENGL 0999, unless exempt.

MUSC 1110. World Music. 3-0-3 Units.
Presents a survey of world music styles, genres, and theoretical concepts, with special attention given to the music of non-Western cultures. No musical background is required. (This course satisfies the Global Perspectives requirement.) (F, S) Pre- or co-requisite ENGL 0999, unless exempt.

MUSC 1120. American Music. 3-0-3 Units.
Offers an introduction to music in the United States, starting with Native American music dating from prior to European arrival and encompassing the influence of various immigrant groups through the present. (F, S) Pre- or co-requisite ENGL 0999, unless exempt.

MUSC 1201. Music Theory I. 3-0-3 Units.
Designed primarily for music majors, provides the first of a two-semester sequence of courses intended to help students understand how music works and learn to analyze and manipulate the basic components of music through the study of melodic, harmonic, and rhythmic common practices. (F) Co-requisite: MUSC 1221 Aural Skills I.
Prerequisites: Permission of the instructor (Ability to read traditional musical notation).

MUSC 1202. Music Theory II. 3-0-3 Units.
Designed for music majors, provides the second of a two-semester sequence of courses intended to help students understand how music works and learn to analyze and manipulate the basic components of music through the study of melodic, harmonic, and rhythmic common practices. Students will build on skills developed in Music Theory I, moving into topics including harmonization of melodies, non-chord tones, writing for the piano, secondary dominants, and secondary diminished 7th chords. (S) Co-requisite: MUSC 1222.
Prerequisites: MUSC 1201 and MUSC 1221, each with a grade of C or better.

MUSC 1221. Aural Skills I. 0-2-1 Unit.
Designed for music majors, provides the first of a two-semester sequence of laboratory courses that develop skills in music reading, sight singing, dictation, and identification of intervals, chords, and other materials studied in and to be taken concurrently with Music Theory I. (F) Co-requisite: MUSC 1201 Music Theory I.
Prerequisites: Permission of the instructor (Ability to read traditional musical notation).

MUSC 1222. Aural Skills II. 0-2-1 Unit.
Designed for music majors, provides the second of a two-semester sequence of laboratory courses that develop skills in music reading, sight singing, dictation, and identification of intervals, chords, and other materials studied in and to be taken concurrently with Music Theory II. (S) Co-requisite: MUSC 1202.
Prerequisites: MUSC 1201 and MUSC 1221, each with a grade of C or better.

MUSC 2201. Music Theory III. 3-0-3 Units.
Designed for music majors, this is the third of a four-semester sequence of courses intended to help students understand how music works and learn to analyze and manipulate the basic components of music through the study of melodic, harmonic, and rhythmic common practices. Students will review skills developed in Theory I and II, before covering more advanced material including more advanced secondary dominants, diatonic modulation, chromatic modulation, and Neapolitan and augmented sixth chords. (F as needed)
Prerequisites: Music Theory II with a grade of C or better.
Corequisites: Aural Skills II.
MUSC 2202. Music Theory IV. 3-0-3 Units.
Provides the fourth of a four-semester sequence of courses intended to help students understand how music works and learn to analyze and manipulate the basic components of music through the study of melodic, harmonic, and rhythmic common practices. Students will review skills developed in Theory III before covering twentieth century techniques including modes, nontonal music, nontertian harmony, and serialism. (S as needed)
Prerequisites: Music Theory III with a grade of C or better.
Corequisites: Music Theory IV.

MUSC 2221. Aural Skills III. 0-2-1 Unit.
Provides the third in a four-semester sequence of laboratory courses that develops skills in music reading, sight singing, dictation, and identification of intervals, chords, and other materials studied in and to be taken concurrently with Music Theory III. (F as needed)
Prerequisites: Music Theory II with a grade of C or better.
Corequisites: Music Theory III.

MUSC 2222. Aural Skills IV. 0-2-1 Unit.
Provides the fourth in a four-semester sequence of laboratory courses that develops skills in music reading, sight singing, dictation, and identification of intervals, chords, and other materials studied in and to be taken concurrently with Music Theory. This course continues to solidify aural and sight-singing skills necessary for understanding music of the common practice period, and to differentiate that from later compositions. (S as needed)
Prerequisites: Music Theory III with a grade of C or better.
Corequisites: Music Theory IV.

MUSC 2600. Applied Lessons. 0-0-1-2 Unit.
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit—one 25 minute lesson per week per credit. A maximum of 6 credit hours may be counted toward Area F for the AA in general studies or Area F in the BA in interdisciplinary studies. A maximum of 7 credit hours may be counted toward Area F for the AA in music. An Applied music fee is charged per semester. (F, S)
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600C. Applied Lessons/Voice. 0-0-1-2 Unit.
Private voice lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600F. Applied Lessons/Flute. 0-0-1-2 Unit.
Private flute lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600G. Applied Lessons/Guitar. 0-0-1-2 Unit.
Private guitar lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600H. Applied Lessons/French Horn. 0-0-1-2 Unit.
Private French horn lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600L. Applied Lessons/Low Strings. 0-0-1-2 Unit.
Private low strings lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600M. Piano Skills for Music Majors. 0-0-1 Unit.
Taught as applied lessons, provides music majors a functional understanding and competency on the piano. Basic keyboard skills include scales, arpeggios, harmonization, transposition, and improvisation, along with selected repertoire. An applied music fee is charged per semester. (F, S)
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600O. Applied Lessons/Low Brass. 0-0-1-2 Unit.
Private low brass lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600P. Applied Lessons/Piano. 0-0-1-2 Unit.
Private piano lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600S. Applied Lessons/High Strings. 0-0-1-2 Unit.
Private high string lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2600W. Applied Lessons/Woodwind. 1-0-1-2 Unit.
Private wood wind lessons at the lower-division level. An Applied music fee is charged per semester.
Prerequisites: Permission of instructor or other music faculty.

MUSC 2601M. Piano Skills for Music Majors. 1-0-1 Unit.
Taught as applied lessons, provides music majors a functional understanding and competency on the piano. Basic keyboard skills include scales, arpeggios, harmonization, transposition, and improvisation, along with selected repertoire. An applied music fee is charged per semester. (F, S)
Prerequisites: Permission of instructor or other music faculty.

MUSC 2800. Small Ensemble. 2-0-1 Unit.
Involves the study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students. Previous instrumental experience is required, and students must provide their own instruments. Course may be repeated for a maximum of 3 credits for the AA in Music. May be repeated indefinitely with a maximum of 6 credit hours counted toward Area F for the AA in General Studies. (F, S)
Prerequisites: Permission of instructor.

NURS Courses
Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.
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Courses

NURS 1111. Basic Nursing Care. 3-8-6 Units.
A foundation course that introduces nursing concepts and skills related to the care of multicultural individuals across the lifespan. Requires clinical applications using evidence-based practice in a variety of health care and simulated settings. (Career Course)(F)
Prerequisites: BIOL 2212K, MATH 1001, 1101, 1111, or 1113, ENGL 1101.
Corequisites: NURS 1112, NURS 1113, BIOL 2213K.

NURS 1112. Intro. Pharm. & Dosage Calc.. 2-0-2 Units.
Introduces pharmacological concepts including drug classifications, mathematical calculations, and principles of drug administration. Satisfies the computer literacy requirement. (Career Course)(F)
Corequisites: NURS 1111, NURS 1113, BIOL 2213K.

NURS 1113. Nutrition. 2-0-2 Units.
Introduces basic nutrition concepts of digestion, absorption and metabolism. Concentrates on essential nutrients including carbohydrates, lipids, proteins, vitamins and minerals. Addresses nutritional needs from infancy through adulthood and includes eating disorders. (Career Course)(F; S, M)

NURS 1115. Maternal Newborn Nursing. 3-14-4 Units.
A foundation course that concentrates on nursing concepts and skills related to the care of multicultural individuals in the maternal newborn setting. Addresses common well-defined health alterations as related to pregnancy, childbirth and the newborn as well as incorporating the child-bearing family. Requires clinical applications using evidenced-based practice in the maternal newborn and simulated settings. (Career Course) Prerequisite: NURS 1111, NURS 1112, NURS 1113, BIOL 2213K
Corequisite: BIOL 2215K, PSYC 1101

NURS 1116. Mental Health Nursing. 3-12-3 Units.
A foundation course that concentrates on nursing concepts and skills related to the care of multicultural individuals in the mental health setting. Addresses common well-defined health alterations and incorporates individuals with mental health issues. Requires clinical applications using evidenced-based practice in a variety of mental health, community based, and simulated settings. (Career Course) Prerequisite: NURS 1111, NURS 1112, NURS 1113, BIOL 2213K
Corequisite: BIOL 2215K, PSYC 1101

NURS 2011. Nursing Care Lifespan II. 3-17-9 Units.
A continuation course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses relevant well-defined health alterations. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. (Career course)(F)
Prerequisites: NURS 1111, NURS 1112, NURS 1113, NURS 1114, BIOL 2215K.

NURS 2012. Nursing Care Lifespan III. 3-17-9 Units.
A culmination course that concentrates on nursing concepts and skills related to the care of multicultural individuals across the lifespan. Addresses complex well-defined health alterations. Involves team management of patients and health care workers. Requires clinical applications using evidence-based practice in a variety of health care, community based, and simulated settings. (Career Course)(S)
Prerequisites: NURS 1111, NURS 1112, NURS 1113, NURS 1114, NURS 2011, BIOL 2215K, and all general education courses.
Corequisites: NURS 2013.

NURS 2013. Nursing Issues. 2-0-2 Units.
Discusses current issues in nursing, prepares students for the NCLEX-RN exam, and facilitates the transition from student to health care professional. Satisfies the computer literacy requirement. (Career Course)(S)
Prerequisites: NURS 2011 and all general education courses.
Corequisites: NURS 2012.

NURS 3000. Health Assessment. 2-2-3 Units.
A study of theory and skills needed to holistically assess the health of individuals across the life span. An introduction to a comprehensive assessment of groups/communities is included. This course includes 2 hours of lab practice. (S, M)
Prerequisites: RN licensure or permission of instructor.

NURS 3001. RN-BSN Nursing Examination. 0-0-19 Units.
19 hours of credit granted upon successful completion of NURS 4000.

NURS 3100. Perspectives on USA Health Sys. 3-0-3 Units.
This multi-disciplinary course focuses on nursing, business, and social perspectives of the American health care system. Issues related to safety and quality, access, finance, and politics will be emphasized. (F)
Corequisites: NURS 3000, NURS 4000.

NURS 4000. Evidenced-based Practice. 3-0-3 Units.
This course focuses on the understanding and use of nursing theory, nursing research, and evidence-based practices in clinical decision making regarding care of individuals, groups, and communities. (F)
Corequisites: NURS 3000, NURS 3100.

NURS 4100. Mgmt/Leadership-Groups/Comm. 3-9-6 Units.
A study of leadership/management theory and skills needed to effectively deliver safe and client-centered nursing care in a variety of settings including acute care, community health care, and international health care settings. This course includes clinical experience in leadership and community health arenas. (S)
Prerequisites: NURS 3000, NURS 3100, NURS 4000.
Corequisites: NURS 4200.

NURS 4200. Nursing Capstone. 3-0-3 Units.
A course designed to allow students to explore, discuss and begin to resolve issues in professional nursing and health care. In this course, students will complete a senior thesis project. (S)
Corequisites: NURS 4100.

OATC Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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OATC 3150. Computer Operating Systems. 3-0-3 Units.
A general overview of computer hardware, networks, and operating systems. Developing basic technological expertise and leadership in administering computer technology in the workplace is emphasized. This course helps prepare students to take a certification exam for a current operating system.
OATC 3610. Web Design & Multimedia. 3-0-3 Units.
Development of the knowledge and skills necessary for utilizing web editing and graphics programs effectively. This course will focus on the design and production of web sites and other materials for use in educational and training environments.
Prerequisites: ACED 2400, BUSA 2201 formerly MGIS 2201, or CAPS 1101.

OATC 3700. Desktop Publishing. 3-0-3 Units.
Development of desktop publishing concepts and their application to the modern office. Basic, intermediate, and advanced features of a variety of application programs for page design will be used to create various business-related documents.

OATC 4020. Virtual Office Technology. 3-0-3 Units.
Overview of skills needed to perform as a virtual office assistant. Emphasis placed on the use of time and information management applications and increased knowledge of the role of online meeting, Internet telephone communication software, Internet research, social networking tools, e-commerce, and mobile devices in the modern office.

OATC 4160. Admin Office Procedures. 3-0-3 Units.
Development of increased awareness of the role and scope of the administrative assistant position. This course will focus on basic and expanded job responsibilities, professionalism, and the performance of simulated office activities.

OATC 4810. Contemporary Skills. 3-0-3 Units.
Analysis of the workplace skills needed in a rapidly changing technological society. Emphasis is on communication skills, employee motivation, change management, delegation, team building, and career planning. Students are required to build a career plan and to design a change management project.

OPMT Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

OPMT 3251. Principles of Operations Management. 3-0-3 Units.
Introduces students to an organization's resources and processes in its efforts to create products or services. The set of resources planned and managed includes the work force, equipment, materials and information. Topics include coverage of operations strategy and managing change, product design, process selection and planning, and controlling the supply chain. (F,M,S)
Prerequisites: Upper Division eligibility, BUSA 2106, MGIS 2201, and BUSA 2050 or MATH 2200 (or concurrent).

OPMT 3253. Introduction to Data Systems. 3-0-3 Units.
Introduces the concepts and terminology of data communications, network design, and distributed information systems. Emphasis is on management of equipment, architectures, and transmission alternatives.
Prerequisites: Upper Division eligibility, MGIS 3351.

OPMT 3254. Computer Integrated Manufacturing. 3-0-3 Units.
Introduces the concepts and terminology of computer integrated manufacturing with special emphasis on the practical application of automation technology. Topics include elementary programming structures, binary, octal and hexadecimal number systems, measurement theory and computer integrated manufacturing.
Prerequisites: Upper Division eligibility, MGIS 2201.

OPMT 3257. Intro Object Oriented Program. 3-0-3 Units.
Introduces programming with a structured language. Emphasis is placed upon development of correct, efficient programs that are easy to maintain. Topics include problem analysis, program design, documentation, testing and debugging.
Prerequisites: Upper Division eligibility, MGIS 2201.

OPMT 4253. Integrated Mat/Supply Chain. 3-0-3 Units.
Examines the technology, tools, and practices of modern integrated materials sourcing and logistics. Topics include distribution requirements planning, continuous replenishment, just-in-time, and efficient replenishment. (S)
Prerequisites: Upper Division eligibility, OPMT 3251.

OPMT 4255. Business Process Simulations. 3-0-3 Units.
Covers the basic techniques for computer simulation modeling and analysis of business processes in manufacturing and service industries. Course emphasis is on conceptualizing abstract models of real-world systems (for example, inventory or queuing systems), implementing simulations in Excel and special purpose software (ProModel), production planning and control simulation studies, experimental design, and analyzing simulation output.
Prerequisites: Upper Division eligibility, OPMT 3251.

OPMT 4256. Application Development. 3-0-3 Units.
Introduces students programming and database skills in an integrated application development environment. Specific topics include basic database theory, creation of tables, queries, forms, and reports as well as programming with macros and sequential languages.
Prerequisites: Upper Division eligibility, MGIS 2201.

OPMT 4503. Quality Management Systems. 3-0-3 Units.
Examines the continuous quality management and improvement philosophy. Topics include strategic management, quality assessment, teams, the role of leadership, lean manufacturing, tools for improving, quality processes, techniques for charting attribute and variable data, Statistical Process Control, Six-Sigma, and lean manufacturing. (F,S)
Prerequisites: Upper Division eligibility, MNGT 3051, OPMT 3251, MGIS 2201.

OPMT 4700. Independent Study OPMT. 0-0-3 Units.
Supervised, in-depth individual research and study of one or more current topics in Operations Management in conjunction with an associated major project. Students will be required to prepare a formal report and presentation of the research topic and project.
Prerequisites: OPMT 3251.

OPMT 4800. Special Topics Oper Management. 3-0-3 Units.
Examines current, relevant topics in the field of Operations Management. Each special topics course will cover a new current topic.
Prerequisites: Upper Division eligibility, OPMT 3251.
OPMT 4900. Operations Mgmt Internship. 0-0-1-6 Unit.
Provides students with on-site work experience in Operations Management through a coordinated academic internship experience with a pre-approved employer. A portfolio chronicling the work experience, a project relating relevant academic literature to the Operations Management internship experience, and a final presentation encompassing the entire internship experience are required to receive academic credit. (F,S,M)
Prerequisites: Upper Division eligibility.

ORGL eMajor Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

ORGL 1100. Leadership in Global Society. 3-0-3 Units.
Students learn how cultural context affects leadership style, conflict negotiation, and ethical decision making; examine how leaders might impact culture; and develop their own multicultural awareness and competencies. Contemporary cases of how leadership varies depending on the cultural context in which one is leading are researched. Key geographical regions of the world will be analyzed from a leadership perspective, and an individual cultural experience highlighting the intersection of leadership and culture also occurs.

ORGL 1500. Profiles of Leaders. 3-0-3 Units.
The objective of this course is to focus on the basic principles of personal and interpersonal leadership through the exploration of various leaders. It uses the case study method to analyze several well-known leaders. Students will explore the motivation, decision-making, time management, power, team building, conflict resolution, and change management of pivotal leaders.

ORGL 2050. Communication for the Wrkplce. 3-0-3 Units.
Principles of effective oral and written communications. A thorough review of grammar, sentence and paragraph construction, punctuation, and writing techniques. Emphasis on the job-getting process.
Prerequisites: ENGL 1102.

ORGL 2100. Writing for Leadership. 3-0-3 Units.
In this course, students learn to plan and organize, to write clearly, concisely and correctly, and to develop polished final projects. Students undergo an intensive review of basic writing and editing principles and then apply them to specific writing projects. Genres of writing may include funding proposals, yearly reports, executive plans, organizational descriptions, Web sites, social networking messages, directive writing, and marketing materials.

ORGL 2601. Intro to Public Administration. 3-0-3 Units.
This course introduces students to public administration, which is a sub-field of political science. Administrative aspects of political science will be examined, focusing on concepts and methods used to analyze public policy, political systems, governmental structures, bureaucracy, government and public management, and public policy planning.

ORGL 2800. Ethics and Leadership. 3-0-3 Units.
The objective of this course is to explore the theories, models, and constructs related to the study and practice of ethics and leadership. Teaches students to develop ethical decision making strategies, communicate effectively in diverse group settings, value civic engagement and actively apply ethical leadership skills.

ORGL 2900. Progr & Policy Eval for Leaders. 3-0-3 Units.
Students will learn the methods of collecting, analyzing, interpreting, and communicating policy and program information used in organizational evaluations. Program and policy evaluation assists program managers and policy makers (leaders) in making decisions about which programs to fund and which policies to modify, expand or eliminate. Students will learn how to be critical and effective users of evaluations. This course will examine a broad range of social and organizational policy areas including health, criminal justice (public sector), education, public finance, human services, and development.

ORGL 3000. Reflective Seminar I. 1-0-1 Unit.
An introduction to the major conceptual frameworks for reflective learning that require students to reflect on and document their own assumptions, beliefs, and biases and how they affected their prior learning experiences. Graded ‘Satisfactory’ or ‘Unsatisfactory’.

ORGL 3050. Reflective Seminar II. 1-0-1 Unit.
A seminar that develops students’ understanding of the conceptual frameworks for reflective learning and asks students to reflect on and document the social networks, environmental context, and political context that has affected their prior learning experiences. Graded ‘Satisfactory’ or ‘Unsatisfactory’.
Prerequisites: ORGL 3000.

ORGL 3200. Organizational Development. 3-0-3 Units.
A broad survey of major topics in Organizational Development including but not limited to Introduction to organizational process; creation of organizational growth climates/cultures; examination and selection of effective leadership styles and effective modes of communication; coping with the future in periods of accelerating change.
Prerequisites: PSYC 1101.

ORGL 3400. Technology for Organizations. 3-0-3 Units.
Development of intermediate and advanced skills in the use of spreadsheet, database, communication, and presentation software. Emphasis is placed on creation of computer projects appropriate to the student’s major.
Prerequisites: ACED 2400, BUSA 2201 formerly MGIS 2201, or CAPS 1101.

ORGL 4000. Reflective Seminar III. 1-0-1 Unit.
A seminar including critical self-evaluation of prior learning experiences using frameworks for reflection and analysis and development of students’ own capacity to adapt and transform their own learning practices. Graded ‘Satisfactory’ or ‘Unsatisfactory’.
Prerequisites: ORGL 3050.

ORGL 4690. Capstone Seminar. 3-0-3 Units.
A capstone course in which students combine reflection on prior learning with research and analysis on the learning outcomes of their current degree program and specialization, culminating in a life learning paper that addresses their own abilities and limitations as learners and their progress in their degree program.
Prerequisites: ORGL 4000.
PHED Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Courses

PHED 1005. First Aid/CPR & Cardio Fitness. 1-0-1 Unit.
Trains individuals to overcome reluctance to act in emergency situations, and to recognize and care for life-threatening emergencies such as respiratory or cardiac problems, sudden illness, and injury. Course will also involve cardiovascular physical activity and discuss behaviors recommended for reducing risk factors for heart disease. (American Red Cross Certification-First Aid, Adult CPR, and Automated External Defibrillation)
Prerequisites: Read 0098 unless exempt.

PHED 1020. Physical Fitness Concepts. 0-2-1 Unit.
Introduces students to basic scientific knowledge and practical experience in the principles, assessment, and development of total well-being through health related physical fitness and lifestyle management techniques. Major topics will include: cardiovascular endurance, muscular endurance and strength, flexibility, body composition, nutrition, and hypokinetic diseases.
Prerequisites: READ 0098, unless exempt.

PHED 1030. Health & Wellness Concepts. 1-0-1-3 Unit.
Introduces personal responsibility for health and wellness and provides information and strategies that can be adopted. Covers topics such as wellness assessment, self-managed behavior, physical fitness, nutrition, weight control, stress management. This course does not satisfy the physical activity requirement.
Prerequisites: READ 0098, unless exempt.

PHED 1100. Fitness Circuit Training. 0-2-1 Unit.
Acquaints students with basic knowledge and skills pertaining to the importance of participation in physical activity and its contribution to optimal living. Involves alternating cardiovascular exercises with flexibility and resistance exercises.

PHED 1110. Aerobic Walking. 0-2-1 Unit.
Introduces walking as a lifetime fitness activity. Acquaints the novice walker with the following: the benefits of fitness walking, clothing and equipment, elements of a fitness routine, walking techniques, nutrition, lifetime weight control, mental benefits, motivational strategies.

PHED 1120. Jogging. 0-2-1 Unit.
Introduces students to the basic knowledge and techniques necessary for a lifelong fitness program. Teaches students how to use jogging/running to become more physically fit and more efficient in daily work and recreation.

PHED 1130. Swim Fitness. 0-2-1 Unit.
Provides guidance for students who want to use aquatic exercise to improve health and fitness. Students learn how to train effectively, how to measure progress, how to stay motivated, and how to avoid injuries common to swimmers. This is not a 'learn to swim' course.

PHED 1140. Weight Training. 0-2-1 Unit.
Provides basic instruction for students wishing to use weight training to improve personal health and fitness. Workouts will utilize variable and fixed resistance machines, free weights (dumbbells), calisthenic exercises, and cardiovascular equipment.

PHED 1150. Dance for Fitness and Sport. 0-1-1 Unit.
Introduces student to a variety of current dance styles, which may be used to improve health and fitness.

PHED 1151. Cardio/Core Fitness Training. 0-1-1 Unit.
The purpose of this course is to acquaint the student with some basic knowledge and understanding pertaining to why participation in physical activity contributes to optimal living. The student will incorporate a variety of mind/body principles and participate in physical activities leading to improved cardiovascular endurance, core strength, muscular endurance and stress reduction.

PHED 1160. Trail Hiking. 0-1-1 Unit.
A physical activity course designed to provide basic instruction for students wishing to improve personal health and fitness through participation in a lifetime fitness activity that will use a variety of hiking trail surfaces and terrain.

PHED 1170. Beginning Aikido. 1-0-1 Unit.
Provides an introduction to aikido, a Japanese martial art form popularized by Steven Seagal. Unlike some other martial arts, aikido is not a competitive sport but rather a purely self-defense style. Teaches how to throw or restrain attackers by redirecting their own energy and momentum. Since one uses the attacker's energy, aikido does not require great physical strength.

PHED 1210. Beginning Badminton. 0-2-1 Unit.
Introduces basic badminton skills, techniques, rules, and strategy.

PHED 1260. Beginning Tennis. 0-2-1 Unit.
Introduces basic tennis skills, techniques, rules, scoring, and strategy.

PHED 1280. Basketball. 0-1-1 Unit.
Provides instruction for students who choose to use the game of basketball to improve health and wellness. Classes will involve students with skills and drills, playing strategies, fitness techniques, and effective training principles. Covers topics such as, basic rules, terminology, nutrition, injury care and prevention, and health-related fitness components.

PHED 1290. Student Assistant. 0-2-1 Unit.
Allows students who have previously exhibited knowledge and skills appropriate to a course to continue their interest by assisting in a class.
Prerequisites: Permission of Instructor.

PHED 1310. Beginning Volleyball. 0-2-1 Unit.

PHED 1510. Lifeguard Training. 2-2-3 Units.

PHED 2010. Intro to Physical Education. 3-0-3 Units.
Introduces students interested in making physical education their profession to the history, philosophy, and problems of physical education and how it contributes to the total education program.
Prerequisites: READ 0098, unless exempt.
PHIL Courses

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Courses

PHIL 1103. Intro to World Religions. 3-0-3 Units.
Studies selected world religions with primary concentration on the origin and major periods of the scriptural and doctrinal development of these religions.(F)
Prerequisites: ENGL 0999 unless exempt.

PHIL 2010. Intro to Philosophical Issues. 3-0-3 Units.
Inquires into the art of knowing. Examines the questions of meaning, truth, reality, freedom, life, morality, and religion.(F,S)
Prerequisites: ENGL 0999 unless exempt.

PHIL 2020. Logic and Critical Thinking. 3-0-3 Units.
Introduces the principles and standards for thinking and communicating clearly and effectively. Topics include theories of meaning, uses of language, common causes of confusion and error in thought and argument, and evaluation of arguments. Highly recommended for pre-law students.(S)
Prerequisites: ENGL 0999 unless exempt.

PHIL 3150. Ethics and the Workplace. 3-0-3 Units.
Explores ethical issues in voluntary associations, business, and society, with special emphasis on moral responsibility, regulation of business, and the protection of workers, consumers, and the environment in commercial and non-commercial operations.(Offered occasionally)
Prerequisites: PHIL 2010.

PHIL 4120. Professional Ethics. 3-0-3 Units.
This course introduces students to ethical issues common to the professions. The term "profession" is a label for a class of occupations, exemplified by the traditional model of the lawyer or physician. We will think about characteristics of these occupations that distinguish them as a class and how these characteristics are related to a variety of ethical problems.

PHYS Courses

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Courses

PHYS 1111K. Introductory Physics I. 3-3-4 Units.
An introductory course which will include material from mechanics, thermodynamics and waves. Elementary algebra and trigonometry will be used.(F,M)
Prerequisites: MATH 1111 or higher, and ENGL 0999 unless exempt.

PHYS 1112K. Introductory Physics II. 3-3-4 Units.
An introductory course which will include material from electromagnetism, optics and modern physics. Elementary algebra and trigonometry will be used.(S,M)
Prerequisites: PHYS 1111K.

PHYS 1211K. Principles of Physics I. 3-3-4 Units.
Principles of Physics I and Laboratory is a 4 semester credit hour introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used. This course has a laboratory component that requires a lab kit. Also, students enrolling in eCore lab science courses are advised to consult with transferring institution to determine transferability of course credits.
Prerequisites: Completion of Calculus I (differentiate, integrate, simple functions).

PHYS 2211K. Principles of Physics I. 3-3-4 Units.
An introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used.(F,S)
Prerequisites: MATH 2253, and ENGL 0999 unless exempt.

PHYS 2212K. Principles of Physics II. 3-3-4 Units.
An introductory course which will include material from electromagnetism, optics and modern physics. Elementary differential and integral calculus will be used.(F,S)
Prerequisites: PHYS 2211K.

PLA Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

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Prior Learning Assessment (PLA) provides an opportunity to prove that you have already mastered certain skills or knowledge. If you are able to demonstrate competency in PLA areas, you could earn college credit. For example, have you been working in accounting for years? Perhaps you can demonstrate enough competency in accounting to meet the requirements of an accounting course. Or if you had advanced mathematics in high school, you might prove your competency in college algebra. The standards of the national organization Council for Adult and Experiential Learning or CAEL are adhered to by Dalton State. CAEL defines PLA as follows: "The recognition of learning gained from experiences that may be granted credit or otherwise certified... The assessment of learning attained through experiences irrespective of the time and place in which they occurred." (Assessing Learning, 2nd edition, By Morry Fiddler, Catherine Marienau, and Urban Whitaker p.12)
Dalton State College, a member of the University System of Georgia Adult Learning Consortium, offers students the opportunity to use assessed portfolios, CLEP, and departmental challenge exams to earn credit for learning achieved prior to entry to the college.

**How do you earn the credit?**
You earn credit by first being admitted as a Dalton State College student and then completing the assessment, either a portfolio, a CLEP exam, or a departmental challenge exam for a particular subject. You must also register for and pay tuition for the course for which you are seeking credit. For more information, please refer to the Prior Learning Assessment Handbook (https://www.daltonstate.edu/skins/userfiles/files/PLAHandbook2015.pdf).

**Portfolio Development**

Portfolio development is a process through which students identify areas of relevant learning from their past experiences, demonstrate that learning through appropriate documentation, and submit their materials so that they can be assessed and possibly awarded academic credit relative to specific course objectives at Dalton State. Students are required to take a portfolio building course (PLAD 2000). Students who are interested in this path should contact Andy Meyer (ameyer@daltonstate.edu) for more information.

**POLS Courses**

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

**Courses**

**POLS 1001. American Government (eCore). 3-0-3 Units.**
A study of government and politics, including the philosophical and constitutional foundations, governing institutions, political behavior and major public policy issues. This course satisfies the State legislative requirement concerning the United States Constitution and the Georgia Constitution.

**POLS 1101. American Government. 3-0-3 Units.**
Surveys the structure and operation of the American federal government, the state government of Georgia, and American local government. (F,S,M) Prerequisites: ENGL 0999 unless exempt.

**POLS 1101H. Honors American Government. 3-0-3 Units.**

**POLS 2101. Intro to Political Science. 3-0-3 Units.**
Introduces the nature and study of politics, including an examination of the basic concepts of the discipline, such as law, government, and the state. Attention is also given to the various institutions and processes of government and politics through which law and policy are made. Prerequisites: POLS 1101.

POLS 2201. State and Local Government. 3-0-3 Units.
Introduces the study of state and local government, with emphasis on the constitution, government, and political culture of Georgia. The place of state and local government in the federal system, the importance of state and local government to political liberty, models of state and local government, and special public policy problems faced by states and local communities today will also be considered. When possible, the course will include presentations by officials in Georgia government or local government. Prerequisites: POLS 1101.

**POLS 2301. Comparative Politics. 3-0-3 Units.**
Examines the methods by which major Western governments govern and, more specifically, their formulas for dispersing power, both horizontally and vertically. The United States, Canada, Great Britain, Germany, and France, among others, will be discussed. Special attention will be given to the major problems of post-industrial societies and the ‘New World Order.’ Prerequisites: POLS 1101.

**POLS 2401. International Relations. 3-0-3 Units.**
Introduces the field of contemporary international relations and foreign policy. Topics covered include problems of war and peace, such as the Cold War and the Arab/Israeli disputes; conflict and cooperation; the role of international organizations, such as the United Nations; and United States/Russian and United States/Third World Relations. Prerequisites: POLS 1101.

**POLS 3000. Const Law: Civil Rights. 3-0-3 Units.**
Offers a comprehensive study of American constitutional law focusing on civil rights, civil liberties, and equal protection. Constitutional claims examined include the denial of freedoms under the Bill of Rights, the equal protection of laws under the 14th Amendment, and civil rights legislation enacted by Congress since the Civil War. The course will also focus on the application and interpretation of the constitutional protections by the American courts. Prerequisites: POLS 1101.

**POLS 3201. Public Policy. 3-0-3 Units.**
An analysis of diverse public policy issues, as well as the decision process leading to the formulation of government policy. An analysis of societal factors that influence policy, and the effect of government policy on society. Prerequisites: POLS 1101.

**POLS 3401. Hist Amer Political Thought. 3-0-3 Units.**
Surveys the history of American political thought, analyzing individuals, ideas, doctrines, and movements from the colonial era to the present. (Offered occasionally) Prerequisites: POLS 1101, HIST 2111 or HIST 2112, ENGL 1101.

**POLS 3600. Intro to Public Admin. 3-0-3 Units.**
A focus on the study of public administration processes and underlying theories within American government structures. Emphasis is on the pragmatic aspects of current government leadership and public agency management. E-Major course only.

**POLS 3601. Political Science Methods II. 3-0-3 Units.**
This course helps students understand the process and components of research methods in social sciences, especially in political science. It covers topics such as empirical research, research question, hypotheses, research design, data collection, data analysis, and ethical issues in conducting research. It focuses on practical examples and skills by which students can develop, design, and conduct empirical research.
POLS 4200. Principles of Public Admin. 3-0-3 Units.
An introductory examination of the characteristics of the public organization and its impact on society. Analysis of the theories of public administration, personnel issues, budgetary activities, legal dynamics, as well as historical development of the field are included. Prerequisites: POLS 1101.

POLS 4202. Interorganizational Behavior. 3-0-3 Units.
POLS 4204. Public Finance. 3-0-3 Units.
A study of the equity and economic effects of government spending programs, taxes, and debt. The course is primarily applied microeconomics. Prerequisites: POLS 1101.

POLS 4210. Modern Public Management. 3-0-3 Units.
POLS 4215. Mgmt Non-Profit Organizations. 3-0-3 Units.
This course is designed to explore the theoretical principles and practical applications of management for charities and/or nonprofit organizations. The underlying thesis of this course is that by understanding fundamental principles such as developing effective mission and objectives statements, fundraising, marketing and accounting strategies, nonprofits can become more effective and responsive to their constituency's needs. The course will include a field research component. Prerequisites: POLS 1101.

POLS 4217. Grant Writing Non-Profit Organ. 3-0-3 Units.
POLS 4218. Project Mgmt in Public Sector. 3-0-3 Units.
This course will discuss the theory, principles, tools, and techniques necessary to build a solid project management foundation. The Project Management Institute's (PMI) standards for project management will be emphasized throughout the course. Prerequisites: POLS 1101.

POLS 4219. Public Human Resource Mgmt. 3-0-3 Units.
This course will examine the processes, policies, procedures and laws concerning public personnel. It will also cover the issues of employee protection, motivation, efficiency and responsibility. Prerequisites: POLS 1101.

POLS 4220. Administrative Law & Govt. 3-0-3 Units.
POLS 4221. Govt Organization & Adm Theory. 3-0-3 Units.
A systematic analysis of theories or organization, management, and administration. Special consideration will be given to institutional, behavioral, and psychological factors. Prerequisites: POLS 1101.

POLS 4610. Public Personnel Admin. 3-0-3 Units.
An examination of procedures and problems of governmental personnel administration. Studies of governmental agencies are encouraged to give students first-hand knowledge of governmental personnel administration.

POLS 4620. Public Finance Admin. 3-0-3 Units.
A study of the activities involved in the collection, custody, and expenditure of public revenue, such as the assessment and collection of taxes, public borrowing and debt administration, the preparation and enactment of the budget, financial accountability and the audit. E-major course only.

PRSP Courses

PRSP 1010. Perspectives in Liberal Arts. 1-0-1 Unit.
PRSP 1010: Perspectives in the Liberal Arts introduces students to academic learning and inquiry at the college level. These courses are based on a theme (chosen by the instructor) and will introduce students to college level research and writing in various disciplines. This course will help students develop critical thinking skills through integrative learning and encourage academic dialogue between first year students, faculty, and staff. (1-1-1)

PRSP 1020. Perspectives in Business. 1-0-1 Unit.
PRSP 1030. Perspectives in Education. 1-0-1 Unit.
PRSP 1040. Perspectives in Health Edu. 1-0-1 Unit.
PRSP 1050. Perspectives in STEM. 1-0-1 Unit.

PSYC Courses

PSYC 1101. Introduction to Psychology. 3-0-3 Units.
Introduces the study of psychology as a quantitative science and as an aid to the understanding of self and others. Includes consideration of learning principles, personality, conflict and adjustment, tests and measurements, biological bases of behavior, and group phenomena. Prerequisites: ENGL 0999 unless exempt.

PSYC 1101H. Honors Introductory Psychology. 3-0-3 Units.

PSYC 2000. Careers in Psychology. 3-0-3 Units.
Examines career opportunities for psychology majors at the baccalaureate and graduate levels. Topics include an examination of the Psychology major, preparation for employment with a bachelor's degree, course preparation for graduate school, and preparation for the GRE Advanced test in Psychology. There is a substantial writing component to this class. Prerequisites: PSYC 1101 and ENGL 1101 and declared psychology major or psychology minor or permission of instructor; all prerequisites require a C or better.

PSYC 2010. Psychological Studies. 3-0-3 Units.
Explores the roles of oral and written communication in psychology. Emphasis will be placed on examining the literature of specialized areas of psychology and writing papers in APA style as well as oral presentation of research literature in psychology. Prerequisites: PSYC 1101 and ENGL 1101 and declared psychology major or psychology minor or permission of instructor; all prerequisites require a C or better.
PSYC 2101. Psychology of Adjustment. 3-0-3 Units.
Surveys the dynamics of both normal and non-integrative adjustment. Includes a study of conflicts, fears, anxiety, and frustration with emphasis on mental hygiene, building emotional stability, and preventing mental illness.
Prerequisites: PSYC 1101; all prerequisites require a C or better.

PSYC 2103. Human Development. 3-0-3 Units.
Surveys human development from conception to death. Emphasizes physical, social, emotional, cognitive, and moral development expectations. Major theoretical and research contributions are considered.
Prerequisites: PSYC 1101; all prerequisites require a C or better.

PSYC 3110. Research Design in Psychology. 3-0-3 Units.
Examines the methods used in psychological research, including experimental, quasi-experimental, observation and survey methods. An emphasis will be made on the causative nature of experimental research and the correlational nature of non-experimental methodologies. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed.
Prerequisites: PSYC 2010; all prerequisites require a C or better.

PSYC 3120. Research Analysis in Psych. 3-0-3 Units.
Introduces descriptive and inferential statistics as applied to psychological data. Topics include measures of central tendency and variability, correlation, regression, confidence intervals, the F-test for one way factorial designs and Chi Square. Online data sets and lab experiences will be part of the class.
Prerequisites: PSYC 3110; all prerequisites require a C or better.

PSYC 3150. Research Design and Analysis I. 3-0-3 Units.
This is the first course in a 2-course sequence that examines the methods and statistical techniques used in psychological research, including experimental, quasi-experimental, observation and survey methods. Additionally, other methods such as surveys, questionnaires, interviews, naturalistic observations, and case studies are covered. Topics will include those involving the appropriate collection of data as well as ethical considerations involved in conducting psychological research. Statistical topics covered will include measures of central tendency and variability, correlation, regression, an introduction to hypothesis testing and the t-statistic. Online data sets and lab experiences will be part of the class. APA writing style will be reviewed.
Prerequisites: PSYC 2010; all prerequisites require a C or better.

PSYC 3160. Research Design & Analysis II. 3-0-3 Units.
This is the second course in a 2-course sequence that examines the methods and statistical techniques used in psychological research, including experimental, quasi-experimental, observation and survey methods. Additionally, other methods such as surveys, questionnaires, interviews, naturalistic observations, and case studies are covered. Statistical topics covered will include factorial research designs, single-subject designs, and nonparametric statistics. Online data sets and lab experiences will be part of the class. APA writing style and presentations will be reviewed.
Prerequisites: PSYC 3150; all prerequisites require a C or better.

PSYC 3200. Abnormal Psychology. 3-0-3 Units.
Examines the major psychological disorders. The defining characteristics of disorders as defined by DSM and the etiology of disorders will be considered.
Prerequisites: PSYC 1101 and ENGL 1102, each require a C or better.

PSYC 3250. Psychology of Human Sexuality. 3-0-3 Units.
Examines human sexuality from the biological, social and clinical perspectives. Topics include the neuroendocrine processes involved in sexual behavior, theories of psychosexual development, sex roles and values, sexual orientation, sexual behavior over the lifespan, and social problems and issues related to sexual behavior, among others.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3300. Health Psychology. 3-0-3 Units.
Examines the role of psychological factors in the promotion and maintenance of health. Topics include the development of acquired illness and health behaviors and the application of psychological principles to the treatment of medical problems and illness.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3325. Social Psychology. 3-0-3 Units.
Surveys the effects of the social environment upon the thoughts, feelings, and behaviors of the individual. Discusses attitudes, influence, socialization, conformity, aggression, violence, prejudice, and discrimination.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3350. Humanistic Psychology. 3-0-3 Units.
Examines the various theories encompassing humanistic psychology and explores the primary themes of humanistic psychology, including personal experience, the self, the potential for growth, freedom of choice and consequences of choices, personal values, and moral courage. The primary focus is on personal growth and wellness.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3370. Indust/Organizational Psych. 3-0-3 Units.
Examines the application of psychological principles, concepts, theory, and research to the work setting. Emphasis will be placed on the individual in the work environment and the processes required for organizational effectiveness. (Offered occasionally)
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3450. Cross-Cultural Psychology. 3-0-3 Units.
Examines psychological principles from a global cultural perspective. A variety of classic psychological issues, such as development, perception, personality, emotion and language will be presented in the context of differing cultural orientations of people of the world. Intercultural interactions and communication in the workplace and school will be considered.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

PSYC 3500. Personality. 3-0-3 Units.
Examines the classic and current theories of personality that reflect the primary perspectives in psychology. The psychodynamic (and derivatives), behavioral, humanistic and existentialistic, cognitive and biological perspectives will be presented.
Prerequisites: PSYC 2010 and PSYC 2103; all prerequisites require a C or better.

PSYC 3600. Motivation. 3-0-3 Units.
Examines current theoretical formulations and research in motivation with an emphasis on real-world applications.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.
**PSYC 3710. Child Psychology. 3-0-3 Units.**
Examines theories and research on physical, cognitive, personality, and social development in infancy and childhood. This course emphasizes normal development but also includes aspects of childhood psychopathology.
Prerequisites: PSYC 2103 and ENGL 1102; all prerequisites require a C or better.

**PSYC 3720. Adolescent Psychology. 3-0-3 Units.**
Examines theories and research on physical, cognitive, personality, and social development in adolescence. This course emphasizes normal development but also includes aspects of adolescent psychopathology.
Prerequisites: PSYC 2103 and ENGL 1102; all prerequisites require a C or better.

**PSYC 3800. Industrial/Organizational PSYC. 3-0-3 Units.**
Theory and application of psychological principles to industrial and organizational settings. Offered online as an eMajor course.
Prerequisites: PSYC 1101.

**PSYC 3850. Forensic Psychology. 3-0-3 Units.**
Examines the relationship between psychology and law, focusing on the roles of psychologists in legal settings. Focuses on the applicability of various psychological theories to criminal justice processes. Topics include competence evaluations, rehabilitation potential, accuracy of eyewitness testimony, the psychology of jury selection, bystander apathy, the insanity defense, and the effectiveness of the polygraph, among others.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.

**PSYC 3940. Learning and Behavior. 3-0-3 Units.**
Examines the various learning mechanisms that are involved in the establishment, maintenance and the reduction of behaviors. Topics include Pavlovian conditioning, operant conditioning, and observational learning in humans and animals. Online lab experiences will be part of the class.
Prerequisites: PSYC 2010 and 2103; all prerequisites require a C or better.

**PSYC 3950. Cognitive Psychology. 3-0-3 Units.**
Examines mental processes such as attention, mental representation, categorization, problem solving, pattern recognition, imagery, and short-term and long-term memory. Online lab experiences will be part of the class.
Prerequisites: PSYC 2010 and 2103; all prerequisites require a C or better.

**PSYC 4250. Sensation and Perception. 3-0-3 Units.**
Examines the various models of psychophysiological models of sensation and perception. Topics include the five primary sensory systems and the physical properties of stimuli. The processing of stimuli at the physiological and perceptual levels will be examined.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

**PSYC 4300. Applied Behavior Analysis. 3-0-3 Units.**
Examines the principles that underlie behavior modification and behavior therapy. Includes the application of learning principles and procedures used to modify complex human behavior in the natural environment and in clinical situations. Ethical issues concerning behavior modification will be considered.
Prerequisites: PSYC 3150 or PSYC 3110, and PSYC 3200 and PSYC 3940; all prerequisites require a C or better.

**PSYC 4400. Clinical/Counseling Psychology. 3-0-3 Units.**
Introduces contemporary counseling and clinical psychology practice and treatment methods. Both historical and current theories and treatment models will be examined. Topics include research design, diagnosis and treatment methods, psychotherapeutic techniques, effectiveness of treatment and training for clinical and counseling professions.
Prerequisites: PSYC 3150 or PSYC 3110, and PSYC 3200; all prerequisites require a C or better.

**PSYC 4500. Drugs and Behavior. 3-0-3 Units.**
Examines the way in which psychoactive drugs operate in the central nervous system to impact behavior, thought and emotion. The use, misuse and abuse of the varieties of psychoactive drugs and the psychological, social and biological influence on drug use will be examined. Online lab experiences will be part of the class.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

**PSYC 4600. Brain and Behavior. 3-0-3 Units.**
Examines the relationship between underlying biological, particularly brain, processes and behavior, thought and emotion. The anatomy, physiology and biochemistry of the nervous system are presented and used in an examination of basic psychological processes such as sleep, memory, stress, learning, reproductive behavior and abnormal psychology. Both animal models and human models of brain and behavior will be used. Online lab experiences will be part of the class.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

**PSYC 4650. Comparative Psychology. 3-0-3 Units.**
Examines the methods, theories and research in animal behavior with an emphasis on underlying adaptive mechanisms and their role in understanding human behavior.
Prerequisites: PSYC 3160 or PSYC 3120; all prerequisites require a C or better.

**PSYC 4700. Tests and Measurements. 3-0-3 Units.**
Examines the theory and practice of psychological assessment as it relates to ability, interests, achievement and traits. Topics include the principles that underlie the development, use and interpretation of psychological assessment tools. Historical and current assessment techniques will be presented.
Prerequisites: PSYC 3150 or PSYC 3110; all prerequisites require a C or better.

**PSYC 4825. History & Systems in Psych. 3-0-3 Units.**
Examines the history of psychology from ancient to modern times. The background of formal psychology as found in philosophy and physiology, primary early systems in psychology, major historical figures and the historical and cultural context in which psychology developed will be presented.
Prerequisites: PSYC 3160 or PSYC 3120; all prerequisites require a C or better.

**PSYC 4850. Special Topics in Psychology. 1-0-1-3 Unit.**
This course will address selected topics of special interest to faculty and students. Offered occasionally.
Prerequisites: PSYC 1101 and ENGL 1102; all prerequisites require a C or better.
PSYC 4870. Practicum in Psychology. 0-10-3 Units.
Provides advanced psychology majors the opportunity to apply psychology in supervised field experiences in organizations associated with psychology and psychological issues. Application must be made by mid-semester prior to the field experience. This class is repeatable for a maximum of 6 credit hours and is graded on a satisfactory/unsatisfactory basis.
Prerequisites: PSYC 3160 or PSYC 3120, junior level status in Psychology, 3.0 GPA.

PSYC 4900. Senior Capstone Seminar/Psyc. 3-0-3 Units.
Designed to be the capstone course for psychology majors. Students will integrate their prior academic experiences in psychology into an overview of the area of study. Contemporary issues, problems, research and theories from the various areas in the psychology curriculum will be examined. Students will research and complete a project in which they integrate various aspects of their program.
Prerequisites: Senior status as a Psychology major.

RADT Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

RADT 1101. Intro to Radiologic Technology. 2-2-3 Units.
Introduction to Radiologic Technology and technologist's skills; patient care and assessment; clinical observation and documentation, phlebotomy/venipuncture, vital signs, medical emergencies, basic life support/CPR, infection control, OSHA Standards, blood/air-borne pathogens, methods of sterilization, medical law and ethics; equipment and imaging principles introduction, basic radiation protection principles, and issues common to many specializations in the health care profession. (Career Course)
Prerequisites: Program Admission, Radiologic Technology.

RADT 1102. Radiology Terminology. 2-0-2 Units.
Introduces the elements of medical terminology as it relates to the field of radiologic technology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. (Career Course)
Prerequisites: RADT 1101.

RADT 1105. Radiologic Tech&Patient Care I. 2-2-3 Units.
Introduction to Radiologic Technology and technologist's skills; patient care and assessment, clinical observation and documentation, phlebotomy/venipuncture, vital signs, medical emergencies, basic life support/CPR, infection control, OSHA Standards, blood/air-borne pathogens, methods of sterilization, medical law and ethics, equipment and imaging principles introduction, basic radiation protection principles, and issues common to many specializations in the health care profession. (Career Course)

RADT 1107. Patient Care II. 2-0-2 Units.
Continues the development of the knowledge and skills for delivering patient care in the clinical setting, including consideration for the physical and psychological needs of the patient and family, routine and medical emergency patient care, infection control procedures using universal precautions, education of patient as it pertains to the radiologic procedure, awareness of ethical law in radiology, concepts of pharmacology, venipuncture, and administration of contrast media and intravenous medications. Laboratory evaluations will be administered. (Career Course)

RADT 1111. Radiographic Anatomy I. 2-1-3 Units.
Introduces students to the anatomy and physiology of the human body with an emphasis on radiologic correlation to pertinent radiologic procedures. Topics include: respiratory system, upper and lower extremities, abdomen, bony thorax, pelvis and hip, ossification, joints, human chemistry and cells, and integumentary system. (Career Course)
Prerequisites: Program Admission, Radiologic Technology.

RADT 1112. Radiographic Anatomy II. 2-1-2 Units.
Continues the study of the human anatomy and physiology with an emphasis on radiologic correlation to pertinent radiologic procedures. Topics include: vertebral column, skull, sinuses, and systems including: digestive, urinary, and biliary. (Career Course)
Prerequisites: RADT 1111.

RADT 1113. Adv Radiologic Anatomy III. 2-0-2 Units.
The third course in the radiologic anatomy sequence. Provides the student with knowledge of the following topical areas and body systems: circulatory, lymphatic, reproductive, endocrine, muscular, special senses, nervous system and cross-sectional anatomy. The student will also be able to correlate basic cross-sectional anatomy to a variety of imaging modalities. (Career Course)
Prerequisites: RADT 1112.

RADT 1121. Radiologic Procedures I. 3-1-3 Units.
Introduces the student to radiologic procedures, positioning, image analysis, and correlation of anatomical structures to radiographic films. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Laboratory evaluations will be administered. Topics include: introduction to radiologic procedures, positioning terminology, positioning considerations, and procedures, anatomy, and topographical anatomy related to body cavities (chest, abdomen). (Career Course)

RADT 1122. Radiologic Procedures II. 2-1-3 Units.
Continues development of the knowledge and skill prior to execution of radiologic procedures in the clinical setting. Laboratory evaluations will be administered. Topics include: methodology for the routine procedures performed for the upper and lower extremities, pelvis, spine, and bony thorax. (Career Course)
Prerequisites: RADT 1121.

RADT 1123. Radiologic Procedures III. 2-2-3 Units.
Continues the study of radiologic procedures to include: skull, sinuses, mastoids, zygomatic arches, facial bones, upper and lower gastrointestinal, urinary, and biliary systems. Laboratory evaluations will be administered. (Career Course)
Prerequisites: RADT 1122.
RADT 1125. Radiographic Proc II & Anatomy. 2-1-3 Units.
Continues development of the knowledge and skill required prior to
evaluation of radiologic procedures in the clinical setting. Laboratory
radiologic procedures methodologies performed for the upper and lower
evaluations will be administered. Topics include: anatomy and routine
extremities, pelvis, spines, bony thorax, skull. (Career Course)

RADT 1127. Radiographic Proc & Anatomy III. 3-2-3 Units.
Continues the study of anatomy and radiologic procedures to include:
skull, sinuses, mastoids, zygomatic arches, facial bones, upper and lower
radiographic procedures, and cross-sectional anatomy. Laboratory
radiographic image on radiographic film. Emphasis
will be placed on clinical exposure to competencies
taught and evaluated in Radiologic Procedures I. Students' activities are
under direct supervision before competency evaluation and under indirect
supervision after competency evaluation. (Career Course)

Prerequisites: RADT 1232.

RADT 1143. Intro to Radiologic Science I. 3-0-3 Units.
Introduces the concept of basic physics and emphasizes the fundamentals
of x-ray generating equipment. Topics include: units of measure, physical principles, atomic structure, structure of matter,
electrostatics, magnetism, electromagnetism, control of high voltage,
rectification, basic principles of x-ray tube operation and x-ray circuitry.
(Career Course)
Prerequisites: RADT 1232.

RADT 1151. Intro Clinical Rad Tech I. 0-16-3 Units.
Introduces students to the performance of radiographic procedures in a
variety of clinical settings (i.e., hospitals, doctor's offices) and provides
an opportunity for students to participate in or observe radiographic
procedures. Emphasis is placed on clinical exposure to competencies
taught and evaluated in Radiologic Procedures I. Students’ activities are
under direct supervision before competency evaluation and under indirect
supervision after competency evaluation. (Career Course)

Prerequisites: RADT 1151.

RADT 1152. Intro Clin Rad Tech II. 0-20-4 Units.
Continues introductory student learning experiences in a variety of
clinical settings. Emphasis is placed on those procedures presented
in Radiologic Procedures I and II. Student’s activities are under direct
supervision before competency evaluation and under indirect supervision
after competency evaluation. (Career Course)
Prerequisites: RADT 1152.

RADT 1153. Intern Clin Rad Tech I. 0-20-4 Units.
Provides students with continued clinical setting work experience.
Students improve skills in executing procedures introduced in Radiologic
Procedures I and II and practiced in previous clinical practicums.
Students activities are under direct supervision before competency
evaluation and under indirect supervision after competency evaluation.
(Career Course)
Prerequisites: RADT 1152.

RADT 1232. Introduction to Exposure I. 2-1-2 Units.
Introduces knowledge of the factors that govern and influence the
production of the radiographic image on radiographic film. Emphasis
will be placed on knowledge and techniques required to process
radiographic film. Topics include: introduction to atomic structure and
x-ray production, film processing and chemicals, artifacts, automatic
processor troubleshooting, processing quality assurance, state and
federal regulations, silver recovery systems, radiographic quality
principles to include: recorded detail, distortion, density, and contrast, film
holders and intensifying screens, grids and solving technique problems
with a variety of mathematical formulas. (Career Course)

RADT 2104. Radiologic Seminar. 2-2-2 Units.
Provides students the opportunity to enhance critical thinking and
problem-solving skills. Each student will exhibit creativity in the
production of course assignments and evaluations. In addition to
creativity assignments, students will be introduced to job-finding skills,
resume production, and job-interviewing techniques. Additional topics
included in the course are: radiographic pathology, and radiographic
quality assurance. Students will also have the opportunity to be
evaluated on a variety of mock registry examinations. (Career Course)

Prerequisites: RADT 2106. Radiologic Review. 3-3-4 Units.
Provides a review of basic knowledge from previous courses and helps
the student prepare for the national certification for radiographers.
Topics include: principles of image production and evaluation, radiation
protection and biology, radiologic equipment, radiographic anatomy,
physiology and pathology, radiographic procedures, and patient care
techniques. (Career Course)
Prerequisites: RADT 2145.

RADT 2145. Adv Radiologic Science II. 3-0-3 Units.
Continues discussion of the concepts of basic physics and the
fundamentals of x-ray generating equipment. A basic review of Radiologic
Science I will be presented. Additional course topics include: production
and characteristics of radiation, inter-actions of x-ray and matter, survey
of a variety of radiographic equipment, image intensified fluoroscopy,
recording media and techniques, image noise, and equipment monitoring
and maintenance. (Career Course)
Prerequisites: RADT 1143.

RADT 2224. Radiology Procedures IV. 2-1-3 Units.
The final course in the radiologic procedures sequence. Topics include
radiologic procedures for the following: reproduction system, venograms,
arteriograms, panorex, myelograms, arthograms, bronchograms,
tomograms, and pediatric and trauma radiology. The course also includes
an introduction to adjunct imaging modalities including: computerized
tomography, magnetic resonance imaging, radiation therapy technology,
ultrasound, nuclear medicine, cardiac catheterization, digital radiology,
mammography, and angioplasty. Also includes a review and evaluation of
the basic radiologic procedures presented in the previous three radiologic
procedures courses. Laboratory evaluations will be administered. (Career Course)
Prerequisites: RADT 1123.
RADT 2229. Radiographic Procedures IV. 2-1-2 Units.
The final course in the radiologic procedures sequence. Topics include radiologic anatomy and procedures for the following: reproduction system, venograms, arteriograms, panorex, myelograms, arthrogram, bronchograms, tomograms, and pediatric and trauma radiology. The course also includes an introduction to adjunct imaging modalities including: computerized tomography, magnetic resonance imaging, radiation therapy technology, ultrasound, nuclear medicine, cardiac catheterization, digital radiology, mammography, and angioplasty. Also includes a review and evaluation of the basic radiologic procedures presented in the previous three radiologic procedures courses. Laboratory evaluations will be administered. (Career Course)

RADT 2234. Adv Radiologic Exposure II. 2-1-2 Units.
Continues to develop knowledge of the factors that govern and influence the production of the radiographic image on radiographic film. Topics include: beam limiting devices, beam filtration, technique alterations for a variety of equipment and patient pathology, control of scattered radiation, advanced technique formation and exposure calculation. (Career Course)
Prerequisites: RADT 1232.

RADT 2244. Radiation Protection. 2-1-2 Units.
Provides instruction on the principles of safe radiation usage, protection, and interaction of radiation on living matter. Topics include: radiation detection, measurement, patient and radiographer protection, dose limits, state and federal regulations and agencies. (Career Course)
Prerequisites: RADT 1143.

RADT 2246. Radiation Biology. 2-1-3 Units.
Provides a review of the topics discussed in Radiation Protection as well as instruction on the interaction of radiation on living matter. Topics include: radiation detection, measurement, patient and radiographer protection, dose limits, radiation biology, cell anatomy, radiation/cell interaction, and effects of radiation. (Career Course)
Prerequisites: RADT 2145.

RADT 2254. Interm Clin Rad Tech II. 0-24-5 Units.
Provides students with continued clinical setting work experience. Students improve skills in executing procedures introduced in Radiologic Procedures I, II, and III; and practiced in previous clinical practicums. Students activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)
Prerequisites: RADT 1153.

RADT 2255. Adv Clin Rad Tech I. 2-24-5 Units.
Provides students with continued clinical setting work experience. Students improve skills in executing procedures introduced in Radiologic Procedures I, II, III, and IV; and practiced in previous clinical practicums. Students activities are under direct supervision before competency evaluation and under indirect supervision after competency evaluation. (Career Course)
Prerequisites: RADT 2254.

RADT 2256. Advanced Clinical Rad Tech II. 2-24-5 Units.
Provides a culminating clinical setting work experience which allows the students to synthesize information and procedural instruction provided throughout the Radiologic Technology program. Emphasis is placed on skill level improvements and final completion of all required clinical competencies presented in previous courses and practiced in previous clinical Radiologic Technology courses. Execution of radiographic procedures will be conducted under indirect supervision.

READ Courses

READ 3251. Children's Literature. 2-2-3 Units.
Surveys past and current literature available for use with the young child as well as the role literature should play in early literacy development. (M)
Prerequisites: Completion of EDUC 3287 with a grade of C or above, courses in the professional education program are not available to transient students who have not met the program requirements.

READ 3260. Learning to Read PK-2. 3-0-3 Units.
Provides a brief overview of the history of reading and writing. Introduces skills, approaches, materials, and methods of reading instruction for children in grades K-2. Provides undergraduate students with knowledge and skills to administer formal and informal assessments in areas of weakness in letter and sound recognition, phonemic awareness, vocabulary, oral and verbal comprehension.
Prerequisites: Completion of EDUC 3101, EDUC 3263, EDUC 3271, EDUC 3285, and EDUC 3287, all with grades of C or above, courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 3286, EDUC 4261, EDUC 4263, and ESOL 4240.

READ 3456. Reading across Curric Sec Educ. 2-2-3 Units.
Includes an examination of content literacy - the ability to use reading, writing, talking, listening, and viewing processes to learn subject matter across the curriculum. Covers content assessment, responsiveness to literacy needs, linguistic and cultural differences, research-based best practices, and learning with electronic texts. (S)
Prerequisites: Completion of EDUC 3120, and EDUC 3274, with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 4953 and Secondary Education Content Area Specific Internship.

READ 4251. Assess/Correction Read Educ. 2-2-3 Units.
Provides undergraduate students with knowledge and skills to administer informal assessments in determining children's reading strengths and weaknesses. Requires students to analyze test results and prescribe reading strategies to help children advance through the reading process. Field experience required. (F,S)
Prerequisites: Completion of READ 3262, EDUC 4263, EDUC 4261, EDUC 3286, ESOL 4240, all with grades of C or above; courses in the professional education program are not available to transient students who have not met the program requirements.
Corequisites: EDUC 4251, EDUC 4262, EDUC 4284, and ESOL 4241.
RESP 1100. Fundamentals of Resp Care. 3-2-4 Units.
This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosols, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid base balance and gas laws. The application of basic physical principles involving the properties of matter, thermodynamics, and mechanics as it relates to respiratory practices and equipment will be explored in class and lab. To progress to RESP 1121, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program.
Prerequisites: Admission into Respiratory Care Program, RESP 1100 is required as a prerequisite or a co-requisite.
Corequisites: RESP 1131.

RESP 1121. Clinical Practicum I. 0-16-5 Units.
An introduction to respiratory care of the non-critically ill Patient in the clinical environment. An emphasis will be placed on departmental protocols, clinical practice guidelines, patient identification, and communication skills. The student will be required to master the following modalities: oxygen therapy, humidity therapy, bland continuous aerosol therapy, medicated nebulizer therapy, passive hyperinflation, chest physiotherapy and postural drainage, arterial blood gas draws and analysis, equipment cleaning and environmental therapy. Basic airway management, and bedside pulmonary function testing will also be explored. Equipment theory and application will be reinforced.
Prerequisites: RESP 1111, RESP 1131.
Corequisites: RESP 1132, RESP 1133.

RESP 1131. Patient Assess & Protocols. 3-2-4 Units.
This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination in order to progress to RESP 1121.
Prerequisites: Admission into Respiratory Care program RESP 1100 is required as a prerequisite or a co-requisite.
Corequisites: RESP 1111.

RESP 1132. Cardiopulmonary Pharmacology. 3-0-3 Units.
A general pharmacology course for the respiratory care professional caring for the acute and sub-acute patient. Emphasis will be placed on the indications, contraindications, hazards, and routes of administration for the drugs discussed. The pharmacology of the major therapeutic classes of drugs important to respiratory care will be presented.
Prerequisites: RESP 1111, RESP 1131.
Corequisites: RESP 1121, RESP 1133.
RESP 1133. Cardiopulmonary Anatomy & Phys. 3-0-3 Units.
A study of normal and abnormal anatomy and physiology of the cardiac, pulmonary, and renal systems. The mechanisms of homeostatic control for acid/base balance, ventilation, gas transport, and circulation will be addressed. Hemodynamic monitoring will be emphasized.
Prerequisites: RESP 1111, RESP 1131.
Corequisites: RESP 1121, RESP 1132.

RESP 2110. Mech Ventilation/Critical Care. 3-2-4 Units.
This course introduces the critical care modalities of airway management and positive pressure ventilation including tracheal suctioning, endotracheal intubation, and tracheostomy care. Concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each student will be required to successfully pass a lab competency exam in order to progress to RESP 2210.
Prerequisites: RESP 1121, RESP 1132, RESP 1133.
Corequisites: RESP 2310.

RESP 2121. Neonatal/Pediatric Resp Care. 2-0-2 Units.
This course presents the physiological and clinical concepts of mechanical ventilation and critical care monitoring of the pediatric and neonatal patient. The course focuses on respiratory care modalities and concepts specifically related to the pediatric and neonatal patient. Some topics include: ventilator design and function, assessment and monitoring of pediatric/neonatal patients, techniques for improving ventilation oxygenation, weaning strategies, and labor and delivery. Critical thinking skills will be emphasized to support the application of neonatal/pediatric physician and therapist driven protocols.
Prerequisites: RESP 2110, RESP 2310.
Corequisites: RESP 2210, RESP 2130, sophomore year.

RESP 2130. Specialized Areas of Resp Care. 2-0-2 Units.
This course surveys the important principles and practices of respiratory care in specialty areas. Students will apply the knowledge learned in this course in Practicum III RESP 2201. Clinical Practicum IA 0-11-3Corequisites: RESP 2110, RESP 2310. This course is a continuation of Clinical Practicum I and a bridge to Clinical Practicum II. Students will be required to present evidence based case studies in specialty areas.
Prerequisites: RESP 2110, RESP 2310.
Corequisites: RESP 2212, RESP 2220.

RESP 2201. Clinical Practicum IA. 9-1-3 Units.
This course is a continuation of Clinical Practicum I and a bridge to Clinical Practicum II. Emphasis will be placed on refining skills and care for the non-critical patient with a gradual development of skills and competencies to care for ventilator dependent patients. Students will apply skills they will be learning in RESP 2110. Students will be required to present clinical case studies on major cardiopulmonary pathologies in conjunction with studies in RESP 2310.
Prerequisites: RESP 1121, RESP 2110, RESP 2310.

RESP 2210. Clinical Practicum II. 0-16-5 Units.
This course is a continuation of RESP 1121 and RESP 2201. Emphasis will be placed on departmental protocols and clinical practice guidelines. Students will care for adult critically ill patients in the Intensive Care Unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures and analysis, and concepts of airway management and mechanical ventilation is expected. The student will be required to attend a competency workshop and to successfully demonstrate intubations and ventilator competency. Students will be required to complete weekly logs and case studies as part of this course.
Prerequisites: Current CPR, RESP 1121, RESP 2201.
Corequisites: RESP 2121, RESP 2130.

RESP 2220. Clinical Practicum III. 0-16-5 Units.
Practicum to support content presented in RESP 2121 and RESP 2310. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion courses. This course may also provide an opportunity for accelerated or advance students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient, pulmonary function studies and sleep studies.
Prerequisites: RESP 2121, RESP 2210, RESP 2310.
Corequisites: RESP 2321, RESP 2330.

RESP 2310. Cardiopulmonary Disease & Treatment. 3-0-3 Units.
A survey course of the clinical pathophysiology of selected cardiopulmonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestations, diagnosis, therapeutics, and prognosis of acute and chronic diseases of the cardiopulmonary patient. Student will be required to present clinical case studies on the major cardiopulmonary pathologies.
Prerequisites: RESP 1121, RESP 1132, RESP 1133.
Corequisites: RESP 2110.

RESP 2330. Credential Preparation. 1-0-1 Unit.
This course will focus on a review of essential concepts of Respiratory Care with emphasis on content for national credentialing. Each student must take the NBRC multiple choice and clinical simulation practice exam. Students will be required to attend a national review seminar. This course will also prepare students to obtain licensure and prepare the student with skills necessary for job placement.
Prerequisites: RESP 2121, RESP 2130, RESP 2210.
Corequisites: RESP 2322.

RESP 4010. Adv Sem Neonatal/Peds Res Care. 3-0-3 Units.
Focuses on the advanced practice of Respiratory Care in pediatrics and neonatology in the intensive care setting. Students will increase their knowledge base in assessment, evaluation, identification, utilization of critical skills, and procedures used in the neonatal/pediatric critical care setting. This course will provide the student with a general review of perinatal/pediatric respiratory care as applicable to the National Board for Respiratory Care Neonatal/Pediatric Specialty credentialing examination. Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4020. Adv Sem Critical Care/Mech Ven. 3-0-3 Units.
This course reviews relevant material to prepare the student for the ACCS Exam. Particular focus includes airway management, advanced modes of mechanical ventilation, pharmacology and respiratory diseases and disorders.
Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4110. Mentoring/Educ in Healthcare. 3-0-3 Units.
Introduces topics related to clinical education, professional supervision, and mentoring in Respiratory Care. Beyond student supervision, the course will discuss supervision of professionals in the workplace and the emerging importance of professional mentoring for ongoing professional development. Students will be required to complete course to become certified in Pulmonary Disease Educator.
Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.
RESP 4120. Geriatrics/LT Respiratory Care. 3-0-3 Units.
This course provides an analysis of the current professional environment and the role of the respiratory therapist in the long-term care setting. An overview of concepts, procedures, in geriatrics and long-term care will be presented. Students will discover how the respiratory therapist's role is impacted interacting between the acute care facility, sub-acute care sites and self-administered care in the patient's home.
Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

RESP 4130. Research Healthcare Prof. 3-0-3 Units.
This course presents a review of basic statistics and its application to evidence-based theory as it pertains to the practice of clinical medicine. Modules in accessing computer based medically oriented information and medical data bases are presented. The course emphasizes the use of literature to validate and improve the practice of clinical medicine. Students identify, review, and critique published literature relevant to clinical settings. Students learn to use medical literature as a tool in clinical decision making.
Prerequisites: MATH 2200 with a grade of "C" or better; RRT Credential and acceptance into the Bachelor of Science program.

RESP 4140. Mngt in Cardiopulmonary Dept. 3-0-3 Units.
This course will present topics related to the management of the Cardiopulmonary Department in a variety of clinical facilities ranging from acute to long-term care. Beyond basic principles of management, this course will explore the responsibilities of the Cardiopulmonary Department manager including appointment, direction and evaluation of personnel; policy and procedure development; budget and fiscal planning; and negotiation of purchase and contracts for new equipment.
Prerequisites: RRT Credential and acceptance into the Bachelor of Science program.

SOCI Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses
SOCI 1000. Race and Ethnicity in America. 1-0-1 Unit.
Introduces the study of racial and ethnic relations in the United States, with emphasis on the historic and social development of the concept of race in the United States and how different beliefs and perceptions about 'race,' ethnicity, and culture have been constructed. As well, the course will examine the histories, experiences, and cultures of the various 'races' and ethnicities that make up American society.
Prerequisites: ENGL 0999 unless exempt.

SOCI 1101. Introduction to Sociology. 3-0-3 Units.
Examines human social behavior. Topics covered include culture, social interaction, social classes, social change, politics, religion, and the family. This course also considers the principal perspectives in sociology for interpreting everyday events and for interpreting the social structures of society.
Prerequisites: ENGL 0999 unless exempt.

SOCI 1160. Social Problems. 3-0-3 Units.
Introduces the study of the social and cultural origins of significant problems in society, such as racism, sexism, poverty, and crime as well as other urban and environmental problems. An emphasis is placed on American problems, but problems in other societies are also considered. Some of the solutions to social problems that have been tried or proposed are discussed.
Prerequisites: ENGL 0999 unless exempt.

SOCI 2293. Marriage and Family. 3-0-3 Units.
Introduces the study of marriage and family relationships. Topics covered include the history of marriage and the family, the marriage and family life cycle, child rearing, marital communication and sexuality, marital problems, divorce, remarriage and step-parenting, as well as some of the alternatives to the traditional family, such as remaining single and the single-parent family.
Prerequisites: SOCI 1101.

SOCI 3001. Global Cultures and Societies. 3-0-3 Units.
Examines global cultures from comparative perspectives to explore the distinct ways in which people classify and represent their experiences. Through an interdisciplinary and holistic approach, examines key facets of global society to show how culture shapes our global worldview. Includes cultural examples from multiple countries and time periods— including cultures and societies in Africa, Asia, Australia, Canada, Europe, Russia, Latin America, the Middle East, and the United States.
Prerequisites: ENGL 1102 with a C or better.

SOCI 3100. Sociology Latino Family/Cultur. 3-0-3 Units.
Provides students with an understanding of the attitudes, experiences, customs, values, norms, and traditions of the Latino population in the United States, with a special focus on the Latino community of Northwest Georgia.
Prerequisites: SOCI 1101.

SOCI 3560. Environmental Sociology. 3-0-3 Units.
Examines the ways in which humans relate to and utilize their natural environment. Topics discussed are the social factors that contribute directly to environmental degradation and resource depletion. The roles of environmental social movements are also examined.
Prerequisites: SOCI 1101.

SOCI 3750. Sociology of Work and Industry. 3-0-3 Units.
Introduces students to how sociologists analyze work and business in modern industrial societies. Topics covered include the evolution of the carpet industry, small business financing, the rise of the modern corporation, the emergence of management as a profession, industrial relations and labor management, alienation and satisfaction, blue-collar work and workers, and the new service economy and occupations.
(Offered occasionally)
Prerequisites: SOCI 1101.

SOCI 3800. Development of Crim Behavior. 3-0-3 Units.
Focuses on understanding the development of criminal behavior. The course will cover topics such as the causes of violent crime and the development of criminality.
Prerequisites: ENGL 1102 with a C or better.

SOWK Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the
end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

SOWK 2101. The Social Work Profession. 2-1-3 Units.
History and current status of the profession of social work. The role of the social worker in various fields of practice. The professional's commitment to social and economic justice for vulnerable and oppressed populations. Social work values and ethics.(F,S)
Prerequisites: ENGL 1101.

SOWK 2102. The Social Welfare Institution. 3-0-3 Units.
History and current status of social welfare programs and services in the United States. Philosophical, religious, economic, and political perspectives on social welfare.(F)
Prerequisites: ENGL 1101.

SOWK 2103. Social Work Pract&Serv Learning. 3-0-3 Units.
This course introduces social work students to a Service Learning modality framed within social work practice. Students will observe and analyze how social agencies empower individuals and improve the well-being of others. The course will emphasize the role of community organizations in alleviating social injustice.
Prerequisites: SOWK 2101 and SOWK 2102.

SOWK 2104. Interviewing & Communc Skills. 3-0-3 Units.
This course provides an introduction to methods, skills, and procedures used in interviewing clients in a variety of practice settings. The course incorporates theory, research, and practice skills relevant to relationship building, the change process, and professional communication skills and techniques. Students will learn and practice professional interviewing, assessment, goal-setting, and communication skills and techniques. The course will consist of lecture and classroom experience as well as a weekly laboratory. The course will encourage students to take the risk of gaining greater self-awareness and insight related to tolerance, diversity, and difference. Prerequisites: SOWK 2101, 2102; Corequisite or Prerequisites: SOWK 2103.

SOWK 3003. Spanish for Social Services. 3-0-3 Units.
Advanced communication skills for serving Spanish-speaking clients. Advanced conversational skills with important social work terms and cultural competency. Proper greetings, translation of technical terms, and ways to reduce discomfort for Spanish-speaking clients.(F,M)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3101. Human Diversity. 3-0-3 Units.
A general introduction to the concepts of diversity in the United States, including the various histories of oppression of minority groups. Readings and sensitivity exercises related to African-American, Appalachian, and Hispanic/Latino cultures. An introduction to cultural competence.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor.
Corequisites: SOWK 3102.

SOWK 3102. Human Behavior I. 3-0-3 Units.
An overview of theories of human behavior needed for generalist practice with an introduction to ego psychology, behaviorism, and life-stage development theories. An introduction to ecological systems theory and the ecological perspective in social work with orientation to micro, mezzo, and macro levels of understanding individuals and families.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor.
Corequisites: SOWK 3101.

SOWK 3103. Human Behavior II. 3-0-3 Units.
The second of a two-course HBSE sequence is a study of the interaction of human behavior and the social environment with an emphasis on larger systems: groups, organizations, and communities utilizing the ecological and multi-level systems perspectives.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3102.

SOWK 3201. Gen Practice of Social Work I. 2-2-3 Units.
Theory and practice of generalist social work. Knowledge, skills, and ethical principles needed for beginning social work practice. Problem identification, interviewing, assessment, intervention and evaluation of practice with individuals and families from a person-in environment perspective. Record keeping in social service agencies. Requires exercises and demonstration of skills through simulation learning experiences in the DSC sim lab.

SOWK 3202. Gen Practice of Social Work II. 3-0-3 Units.
This course is intended to help students acquire the knowledge, values and skills to work successfully with groups on the micro, mezzo and macro levels.
Prerequisites: Admission to the BSW upper division, SOWK 3201.

SOWK 3302. Social Work in Child Welfare. 3-0-3 Units.
History and practice in the child welfare programs of the United States with special attention to family systems, child development, identifying child abuse and neglect, and child welfare services.(F)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3501. Social Work in Mental Health. 3-0-3 Units.
History of mental illness, treatment, and systems in the U.S., with particular attention to the mental health system in Georgia. An overview of current mental health diagnoses, theories, and treatment modalities. Ecological, systems, and strengths perspectives working with individuals, families, and groups. The role of case management with the chronically mentally ill.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.

SOWK 3502. Social Work with Older Adults. 3-0-3 Units.
Overview of the impact of aging, using the biopsychosocial-spiritual, ecological, and strengths perspectives. Federal, state, and local programs, services, and social policies are reviewed. Generalist practice models are introduced for working with older adults and their families, with a focus on empowerment. The roles of generalist social workers and career opportunities are examined.(S)
Prerequisites: Admission to the BSW upper division or permission of instructor.
**SOWK 3503. Substance Abuse. 3-0-3 Units.**
This course is taught from a social work perspective, focusing on client strengths and empowerment. An overview of the history of substance abuse and social policies. Categories, properties, and effects of alcohol and drugs on the individual. Impact of addiction on individuals, families, and communities. Current treatment modalities and services, with interventions appropriate for generalist social workers. (FM)
Prerequisites: Admission to the BSW upper division or permission of instructor.

**SOWK 3504. Advanced Child Welfare. 3-0-3 Units.**
Emphasis on foster care and adoption. Risk assessment, intake and family assessment, case planning, intervention, and documentation will be covered within the context of family-centered child welfare practice. (S)
Prerequisites: Admission to the BSW upper division or permission of instructor, SOWK 3101, SOWK 3102, and SOWK 3302.

**SOWK 3505. Social Work in Appalachia. 3-0-3 Units.**
Knowledge and skills for work with individuals, families, and communities in Appalachia. Prepares students for generalist social work practice in Appalachia. Emphases are cultural competence and issues of oppression and justice.
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3101.

**SOWK 3506. Health and Social Environment. 3-0-3 Units.**
History and structure of the health care system in the United States and in other industrial nations. Overview of health care systems in in other countries. The impact of social determinants of health and illness. Health disparities and discrimination in health care will be discussed.
Prerequisites: Admission to the BSW upper division or permission of instructor.

**SOWK 3507. Mental Health/Spec Populations. 3-0-3 Units.**
This course is a focused study of the specific mental health needs, diagnoses, and treatment of specific populations, such as children, women, survivors of domestic violence, veterans, older adults, and other groups. This advanced elective builds on the foundational knowledge acquired in SOWK 3501 Social Work and Mental Health, providing students with knowledge, theory, and evidence-based interventions for specific populations encountered in generalist practice. (F)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3501.

**SOWK 3508. Special Topics in Social Work. 3-0-3-6 Units.**

**SOWK 4201. Gen Practice of Soc Work III. 3-0-3 Units.**
Theory and practice of generalist social work. Knowledge, skills, and ethical principles needed for entry-level social work practice. Problem identification, assessment, intervention, and evaluation of outcome from a multi-level, ecological systems perspective and a strengths perspective. Emphasizes application of theory toward interventions with groups, organizations, and communities. (F)
Prerequisites: Admission to the BSW upper division or permission of instructor and SOWK 3101, SOWK 3201, SOWK 3103.

**SOWK 4202. Gen Practice of Social Work IV. 3-0-3 Units.**
Social insurance, public assistance, and social service programs in the United States Comparative social welfare systems in Europe and Latin America. The influences of economics and politics on social services. Introduction to models of policy analysis. (S)
Prerequisites: SOWK 3103, SOWK 4201.

**SOWK 4301. Social Work w/Latino Clients. 3-0-3 Units.**
Prepares students to practice social work with Latino individuals and families focusing on individual, social, and environmental issues that encountered in micro, mezzo, and macro social work practice with Latino clients. Content will cover Latino family patterns, naming customs, family celebrations, cultural patterns. (S, M)
Prerequisites: SOWK 3101.

**SOWK 4400. Foundation for Social Research. 3-0-3 Units.**
Social worker practitioners must demonstrate the effectiveness of services they deliver to clients. Students will become competent in research problem formulation, design, data collection and analysis (including statistical procedures). Students will gain expertise in qualitative and quantitative research methodologies. (F)
Prerequisites: SOWK 3201.
Corequisites: SOWK 4401, SOWK 4498.

**SOWK 4401. Senior Capstone Project. 2-0-2 Units.**
The first of a two-course sequence of directed study experiences during which the senior BSW student will conceptualize an outcome study related to the student’s senior practicum, conduct a literature review of the topic area, select measurement tools, and write a first draft of the project. The study will develop in parallel with the development of research skills and completion of assignments in SOWK 4400 and the development and application of practice skills in SOWK 4998. (F)
Corequisites: SOWK 4400, SOWK 4998.

**SOWK 4402. Senior Capstone Project. 2-0-2 Units.**
The second of a two-course sequence of directed study experiences during which the senior BSW student will complete an outcome study related to the student’s senior practicum, refine the literature review of the topic area, carry out the design of the study, and write a polished manuscript presenting the results of the study. (S)
Prerequisites: SOWK 4400, SOWK 4401, SOWK 4998.
Corequisites: SOWK 4402, SOWK 4999.

**SOWK 4900. Individual Study in Soc Work. 0-0-3-6 Units.**
1-6 hours. May count as elective hours. Repeatable for a maximum of 6 hours. Individual study, reading, or projects under direction of a social work faculty member. Non-traditional format: Directed study.
Prerequisites: SOWK 4998.
Corequisites: SOWK 4402.

**SOWK 4998. Practicum & Seminar Soc Work I. 2-16-4 Units.**
Generalist practicum and integrative seminar. A minimum of 15 hours per week of supervised social work practice in a social agency is required. (F)
Prerequisites: SOWK 3201.
Corequisites: SOWK 4400, SOWK 4401.

**SOWK 4999. Practicum/Seminar Soc Work II. 2-16-4 Units.**
Generalist practicum and integrative seminar. A minimum of 15 hours per week supervised social work practice in a social agency is required. A continuation of SOWK 4998. (S)
Prerequisites: SOWK 4998.
Corequisites: SOWK 4402.

**SPAN Courses**

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.
The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

SPAN 1001. Elementary Spanish I. 3-0-3 Units.
Instructs in the basic principles of Spanish pronunciation and in the fundamentals of grammar and sentence structure. Emphasizes the development of speaking, writing, reading, and listening skills and introduces students to the culture, history, and geography of Spanish-speaking regions. (F,S,M)

SPAN 1002. Elementary Spanish II. 3-0-3 Units.
Follows SPAN 1001 with lessons in the same patterns and objectives but with a more detailed study of grammar, longer conversational exercises, and further discussion of the history and culture of Spanish-speaking peoples. Component/ISAC. (F,S,M)
Prerequisites: SPAN 1001 or its equivalent.

SPAN 1003. Accelerated Elementary Spanish. 3-0-3 Units.
Covers material typically presented in both SPAN 1001 (Elementary Spanish I, 3-0-3 Units) and SPAN 1002 (Elementary Spanish II, 3-0-3 Units). This course is designed for students who have been exposed to approximately two years of high school elementary Spanish instruction in the past four years with grades of C or better. Students who have been exposed to approximately three years of high school Spanish instruction in the past four years with grades of C or better and students who identify as native and/or heritage speakers of Spanish are strongly encouraged to enroll in SPAN 2001. (F,S)
Prerequisites: Approximately two years of elementary Spanish experience within the last four years with a grade of C or better.

SPAN 2001. Intermediate Spanish I. 3-0-3 Units.
Offers intensive review of Spanish grammar, verb forms, and idioms. Involves reading texts of moderate difficulty and more advanced conversation exercises. (F)
Prerequisites: SPAN 1002 or SPAN 1003.

SPAN 2002. Intermediate Spanish II. 3-0-3 Units.
Continues the reading of moderately difficult texts in the literature and culture of Spanish-speaking peoples; includes advanced conversation exercises. (S)
Prerequisites: SPAN 2001 or its equivalent.

SPAN 2004. Spanish for Health Care Profes. 3-0-3 Units.
Focuses on practical applications of Spanish grammar, vocabulary, and cultural competence beneficial for medical and other health-related professions in Hispanic contexts. This course is taught primarily in Spanish and incorporates speaking, listening comprehension, reading, writing, and a brief practicum and portfolio. Prerequisite: SPAN 1002 or SPAN 1003

SPAN 2034. Spanish for Criminal Justice. 3-0-3 Units.
Allows criminal justice professionals to learn the conversational skills and vocabulary necessary to interact effectively with Spanish-speaking members of the community. (S)
Prerequisites: SPAN 1001 or SPAN 1003.

SPAN 3001. Adv Conversation/Composition. 3-2-3 Units.
Develops oral and written skills with intensive vocabulary building. Develops fluency through the practice of idiomatic Spanish in exercises related to selected topics. Includes grammar review as needed. Requires students to prepare both written and oral assignments. (Offered as needed)
Prerequisites: SPAN 2002 or equivalent.

SPAN 3002. Literary/Nonliterary Texts. 3-2-3 Units.
Includes critical readings of current materials related to commerce, essays, and literary genres in the foreign language. Includes techniques for analysis and appreciation of selected texts. (Offered as needed)
Prerequisites: SPAN 2002 or equivalent, SPAN 3001.

SUST Courses

Courses

SUST 2000. Intro Envir Sustainability. 3-0-3 Units.
Environmental sustainability examines how society-environment interactions in the present can be maintained for the needs of future generations. Topics include population, climate change, renewable energy, water, waste, and food. (F,S)
Prerequisites: ENGL 0999 unless exempt.

SUST 2100. Sustainable Business Mgmt. 3-0-3 Units.
The course examines intelligent approaches for provisioning goods and services that result in long-term business profitability, restored natural world integrity, and the emergence of vibrant and stable communities. We will discuss the variety of strategies and components necessary for effective sustainable business management and successful real-world organization transitions inside the movement. (Spring)
Prerequisites: SUST 2000.

SUST 3000. Political Ecology. 3-0-3 Units.
Political ecology examines how political, economic, and cultural factors influence human-environment relationships. Topics include environmental degradation, conservation, knowledge and discourse, identity, and regional case studies. (Fall)
Prerequisites: SUST 2000.

SUST 3100. Environmental Security. 3-0-3 Units.
Global social, political, economic and environmental instability has created a world that is increasingly focused upon security. This course will specifically examine geographic approaches to environmental security from the scale of global geopolitics and economics to individual households. Topics include collapsing ecologies and ecosystem services, resource consumption and conflicts, disease and biosecurity, natural disasters, and technological risk. (Spring)
Prerequisites: SUST 2000.

SUST 3200. Sustainable Cities. 3-0-3 Units.
More than half the population of the planet now reside in cities. In the United States, more than eighty percent of the population live in urban areas. This course will examine the potential sustainability of urban growth. Topics include rural to urban migration, urban population, settlement patterns, urban ecology, and governance. (Fall)
Prerequisites: SUST 2000.
SUST 3300. Climate and Society. 3-0-3 Units.
Contemporary debates over climate change illustrate that climate is as much a social as a physical phenomenon. The focus of this course is to gain a better understanding of how societies understand and react to climate change. Climate will therefore be examined in its historical, social, cultural, economic, and political contexts. (Spring)
Prerequisites: SUST 2000.

SUST 3400. Sustain. Transport & Mobility. 3-0-3 Units.
We are living in a hyper-mobile world. People, goods, and ideas flow around the planet at ever-increasing numbers and speeds. This course aims to combine the traditional transport geographies approach (i.e., objective) with the newer mobilities paradigm (i.e., subjective) to examine the possibilities of sustainable transportation. The course will focus upon various modes of mobility (e.g., walking, bicycling, driving, public transit, trains, ships, planes, spacecraft) and their attending social, economic, political and environmental impacts. (Fall)
Prerequisites: SUST 2000.

SUST 3500. Environ Policies, Rules & Regu. 3-0-3 Units.
The goal of this course is to examine and better understand the history, institution, and implementation of environmental laws and policies in the US. The course will include discussions of the organizations and agencies responsible for laws related to land and water usage and care for the environment, as well as those governing interactions with the organisms in the ecosystem.
Prerequisites: ENGL 0999, unless exempt.

SUST 4000. Senior Seminar. 3-0-3 Units.
This course offers an experiential approach to applying key sustainable business principles to current business challenges and opportunities. Topics examined each week will focus on a different issue related to recreating a sustainable management system for a fictional business. Writing, research and presentations will assess students’ reading readiness as sustainable business professionals and agents of change. (Spring)
Prerequisites: Student should have at least 15 hours of 3-4000 level SUST courses.

SUST 4100. Water Resources. 3-0-3 Units.
This course is an introduction to water-society relationships. Focus will be placed upon hydrological problems (e.g., drought, flooding), water use (e.g., consumption, energy, agriculture) and conflict (e.g., local management, state and international boundaries). (Fall)
Prerequisites: SUST 2000.

SUST 4200. Energy Sustainability. 3-0-3 Units.
This course will examine energy geographies and sustainability. Specifically, the themes of energy environments (e.g., global and regional environmental impacts, landscapes of production), spatiality (e.g., energy geopolitics, global and regional flows of natural resources, unequal distribution of natural resources) and sustainability (e.g., energy conservation, new technologies). (Spring)
Prerequisites: SUST 2000.

SUST 4300. Waste and Recycling. 3-0-3 Units.
This course examines waste from a social, political, economic, and environmental perspective. Topics include waste creation (e.g., household waste, industrial waste), management (e.g., storage, landfills, garbage communities), movement (e.g., geopolitics and trade), re-use (e.g., land reclamation, industrial recycling), and aesthetics (e.g., art and design, cultural heritage). (Fall)
Prerequisites: SUST 2000.

SUST 4860. Internship Environmental Susta. 0-0-1-3 Unit.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. Repeatable for a maximum of 4 credit hours. (FS).
Prerequisites: Permission of department chair.

SUST 4900. Spec Top Envir. Sustainability. 3-0-3 Units.
Advanced concepts in sustainability will be presented, the detailed content varying from year to year. Course may be repeated for credit when topics differ. (Offered as Needed) Prerequisites: SUST 2000

SUST 4960. Research: Environ Sustainabili. 0-0-3 Units.
Research project conducted by a student under guidance of a faculty member. Approval of a faculty supervisor required before registration. Variable 1-4 hours. Repeatable for a maximum of 4 hours. (FS)
Prerequisites: 9 hours of sustainability courses and permission of the instructor and chair.

THEA Courses

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

THEA 1100. Theatre Appreciation. 3-0-3 Units.
Survey and critical appreciation of theatre. Provides an overview of theatre history, the elements of a play as literature, insight into how a play is analyzed from preproduction and production point of view, an understanding of theatre as an art form, and knowledge of technical aspects of theatre. No previous experience required. (FS) Pre- or corequisite ENGL 0999, unless exempt.

THEA 2000. Practicum in Theatre. 0-3-1 Unit.
Provides students with experience in the College’s main stage or experimental theatre productions (acting, sound, lighting, publicity, costumes, set construction, etc.) for at least 30 hours, assisting the director. Offered C session. May be repeated for up to three credits. Note: THEA 2000 needs to be taken three times to receive credit in Area F. (F, S)

THEA 2100. Play Development. 3-0-3 Units.
Provides a practical introduction to the creation and development of a theatrical production from inception to completed presentation. (FS)

THEA 2200. Fundamentals of Acting. 3-0-3 Units.
Offers an introduction to the basics of stage acting, including physical and vocal work, acting exercises and improvisations, acting terminology, character development, and work on monologues and scenes with others. (Offered as needed)

THEA 2201. Fundamentals of Acting II. 3-0-3 Units.
Provides an in-depth approach to stage acting that teaches the actor to portray all aspects of a character by employment of the acronym TEAM which stands for thoughts + emotions + action = manifestation. It means acting enriched by delving into what drives the character and teaches acting students behavior which translates as genuine, truthful, powerful, and believable. (Offered as needed)
Prerequisites: THEA 2200 or special permission from instructor.
THEA 2300. Children's Theatre. 3-0-3 Units.
Provides an introduction to the basics of creative dramatics with an
emphasis on performing a children's theatre touring show. Students will
engage in improvisation exercises, study the theory behind performing
for children, and rehearse for a play. Students will also engage in practical
and creative applications of scene and costume design to accompany the
show.(F)
PROGRAM ACCREDITATION

School of Business
• Accredited by The Association to Advance Collegiate Schools of Business (AACSB)

School of Education/Teacher Prep Programs
• Georgia Professional Standards Commission (GaPSC)

School of Health Professions
Licensed Practical Nursing Program
• Approved by The Georgia Board of Nursing

Medical Laboratory Technology Program
• Accredited and approved by The National Accrediting Agency for Clinical Laboratory Sciences

Phlebotomy Program
• Accredited and approved by The National Accrediting Agency for Clinical Laboratory Sciences

Radiologic Technology Program
• Accredited by The Joint Review Committee on Education in Radiologic Technology

Registered Nursing Program
• Approved by The Georgia Board of Nursing
• Accredited by the Accreditation Commission for Education in Nursing (ACEN)

RN - BSN Program
• Approved by The Georgia Board of Nursing
• Accredited by the Accreditation Commission for Education in Nursing (ACEN)

Respiratory Therapy
• Accredited by the Committee on Accreditation of Respiratory Care (CoARC)

Social Work Program
• Accredited by The Council on Social Work Education

Dalton State College is a member of the American Association of State Colleges and Universities.

Dalton State College is a member of the American Association of Colleges for Teacher Education.
CAMPUS LIFE

Dean of Students Office

The Dean of Students Office currently encompasses The CARE Team, Career & Professional Development, Disability Access, Testing Center, Peer Tutoring and Supplemental Instruction, Student Conduct, and Student Life (Campus Programming, Leadership and Civic Engagement, the Student Government Association, and Student Organizations, including Greek Life). The Dean of Students Office is located in the Pope Student Center. In the Student Center you will find the opportunity to relax, purchase meals, buy supplies from the bookstore, and read the bulletin boards for the latest information on student life, news and events around campus. The Game Room, also located in the Student Center, offers additional recreational options through video games, pool tables, and ping pong tables. Additional resources supported by the Dean of Students Office include The Birdfeeder, an on campus food pantry for students, and the Career Closet which provides professional clothing options for students.

Health and Wellness

The Department of Health and Wellness provides high quality recreation and wellness activities to promote personal growth and lifelong physical and emotional well-being for our students. The Department is comprised of Campus Recreation, Counseling Services, and the Ken White Student Health Center. Our goal is to educate, teach, and disseminate information to improve the overall health and well-being of our students. For more information, please visit our webpage: https://www.daltonstate.edu/campus_life/campus-rec-welcome.cms

Residential Life

Residential Life is excited that you have joined the Dalton State family and hope you decide to live on campus! Every year, Mashburn Hall welcomes over 300 students to their “home away from home.” The on-campus experience is not meant to be just professors, textbooks, classes, homework, and exams. It’s an exploration of something new and a discovery of yourself and others. #WelcomeHome

Campus Services

The Department of Campus Services provides a variety of services in a convenient manner that is focused on creating a community on campus. Campus Services is comprised of the Roadrunner Card, Dining Services, Dalton State Bookstore, Vending, and Printing. Please visit our page for hours and other details. https://www.daltonstate.edu/campus_life/campus-services-welcome.cms

DEAN OF STUDENTS’ OFFICE

The Dean of Students Office seeks to support and advance the mission of Dalton State College (https://www.daltonstate.edu/about/mission.cms). Our goal is to promote student engagement, learning, and development through intentional programming, support services, and resources. Your journey starts here!

THE CARE TEAM

The Campus Assessment, Response, and Evaluation Team, also known as CARE, at Dalton State College engages in proactive and collaborative approaches to identify and assess students who are potentially distressed or may exhibit concerning behaviors. The CARE team is an interdisciplinary assessment group comprised of both faculty and staff. In order to ensure the well-being and safety of our students, please submit concerns via the online CARE Referral Form (https://cm.maxient.com/reportingform.php?DaltonStateCollege&layout_id=1).

The goal of the CARE Team is to create a seamless experience for our students by providing resources to the appropriate campus experts and departments. We strive to provide confidential and supportive consultation through assessment, response, and evaluation regarding students who may be in distress or at risk.

Faculty, staff, and students have the responsibility to report incidents or concerns that have the potential to produce significant anxiety, fear, shock, or grief to other individuals. If any person poses an immediate risk of harm or violence to self or others, then contact Public Safety IMMEDIATELY (706-272-4461) or 911 and then file a CARE Team Report after the situation has stabilized.

CAREER & PROFESSIONAL DEVELOPMENT

Career & Professional Development (CPD) assists students with decisions regarding career choices, choosing a major, and developing plans to meet their career goals. Several career assessment instruments are available, as are one-on-one sessions designed to help students discover their interests, abilities, and values related to the world of work. CPD also assist students with developing and updating resumes, scheduling on campus interviews, and training students on appropriate business etiquette.

CPD supports the career development of students and alumni by coordinating opportunities to obtain relevant work experience both during and after their college years. Dalton State uses an internet based recruiting system, Purple Briefcase (https://app.purplebriefcase.com/pb/account/login/). Students must register their profile to view and apply for on and off campus jobs, internships and co-ops, post their resume, and register for interviews and other recruiting events. Purple Briefcase is available to all students and alumni. Students and alumni can attend a career and graduate school fair to learn about these opportunities.

For specific information please visit our website (https://www.daltonstate.edu/campus_life/career-mission.cms).

DISABILITY ACCESS

Disability Access provides a broad range of support and services to make academic and campus life accessible through encouraging students to develop self-advocacy, empowerment, responsibility, independence, and growth. We provide equal access, not guaranteed success.

It is the student’s responsibility to voluntarily self-disclose a disability to Disability Access in order to apply for reasonable accommodations. Students are also responsible to apply in a timely manner and to follow the process established by the college

Disability Access Grievance Policy and Procedure

Disability Access desires to provide appropriate and effective services that comply with all federal, state, local, University System of Georgia, and Dalton State mandates and guidelines. Any individual who is of the opinion that our efforts to provide adequate services are non-compliant, or are discriminatory, may file a grievance to seek resolution of the concern.
STUDENT CONDUCT

Students of Dalton State College have an obligation to assist in making the college an effective place for the transmission of knowledge, pursuit of truth, development of self, and improvement of society. By applying to Dalton State, students are responsible for conducting themselves in accordance with both the requirements of law and all Dalton State College rules and regulations, which are specifically outlined in the Student Code of Conduct.

For specific information please visit our website (https://www.daltonstate.edu/campus_life/student-conduct-about.cms).

STUDENT LIFE

Student Life at Dalton State enhances the educational experience, fosters student learning and development, and prepares students for their future. Student Life initiatives are designed to help students transition into college and prepare them for a lifetime of learning and contribution. Student Life reaches beyond the classroom. With a wide variety of student organizations and an active student government, students will find plenty of opportunities to make friends and pursue interests all over campus.

Student Life empowers students with opportunities for life-long learning through diverse, community-centered programming and active leadership experiences. Student Life is dedicated to both individual and organizational growth and development.

The major emphasis with all activities at Dalton State College is "Balanced Programming" and 'Programming with a Purpose.' Dalton State College presents lectures, fine arts displays, artists, comedians and musicians.

For specific information please visit our website (https://www.daltonstate.edu/campus_life/student-life-welcome.cms).

PEER EDUCATION: TUTORING, MATH AND SCIENCE LAB, SUPPLEMENTAL INSTRUCTION

Peer Education assists students in developing the skills needed for personal growth, academic progress, and critical thinking through knowledge sharing and peer facilitation.

Tutoring is free and is available to all students. This includes both Dalton and Gilmer campuses including students taking their courses online. Tutoring is appointment based and is generally scheduled at the same time one day per week and will assist students in mastering academic challenges in their courses.

The Math Lab and Science Learning Center offer assistance, tutoring, and support for all levels of math and natural science courses; assist students in preparation for end-of-term math exams; and provides assistance with mathematics for all subject areas throughout the College. Students are served in the Math Lab on a walk in basis.

Supplemental instruction is offered in conjunction with specific courses. These are peer led interactive study sessions. These sessions provide the opportunity to compare notes, discuss important concepts, develop study strategies, and 'test' one another on material in preparation for tests.

For specific information please visit our website (https://www.daltonstate.edu/campus_life/tutoring-supplemental.cms).

TESTING CENTER

The Testing Center works collaboratively with both campus and community members to provide a secure and accessible environment for test takers to perform at their maximum ability. Our Testing Center adheres to the National College Testing Association (NCTA) Standards and Guidelines. We are located in Sequoya Hall.

For specific information please visit our website (https://www.daltonstate.edu/campus_life/testing-center-overview.cms).

OTHER DEAN OF STUDENTS INFORMATION

Freedom of Expression Policy

Dalton State College ("DSC") recognizes and upholds the rights protected by the First Amendment, including the rights of free speech and free expression, and the right to assemble peaceably. Demonstrations, assemblies, and dissemination of information can be valid expressions for dissenting opinions provided they do not disrupt academic and administrative functions of the institution. This policy in no way prohibits individuals enrolled at or employed by DSC (“members of the College Community”) from engaging in conversations on campus and does not apply to College-sponsored activities, but rather only establishes a designated public forum on DSC’s campus and sets forth requirements for reservation and use of the forum.

The opinions expressed by organizations, groups or individuals using DSC facilities do not necessarily reflect the position of DSC. The College affirms its commitment to freedom of speech, assembly and expression even though the language or ideas of those seeking a venue for free expression may contradict the Colleges ideals and policies or the personal views of DSC employees and students.

The complete Policy can be found here (https://www.daltonstate.edu/campus_life/freedom-of-expression-policy.cms).

To access the Forum Reservation Request Form, please look at the bottom of our Forms/Resource page (https://www.daltonstate.edu/campus_life/forms.cms).

Student Travel Registration and Waiver

Students who participate in co-curricular activities and class field trips must have a 'Release/Liability Waiver and Alcohol Policy' on file in the Dean of Students Office before leaving campus or participating in the activity. Registered Student Organization advisors and students have access to these forms on our website (https://www.daltonstate.edu/campus_life/forms.cms).

HEALTH & WELLNESS

The Department of Health and Wellness provides high quality recreation and wellness activities to promote personal growth and lifelong physical and emotional well-being for our students. The Department is comprised of Campus Recreation, Counseling Services, and the Ken White Student Health Center. Our goal is to educate, teach, and disseminate information to improve the overall health and well-being of our students. For more
CLUB SPORTS/INTRAMURALS
The club sport/intramural program is designed to include all students, faculty and staff members no matter their interests. Some of the sports offered on a seasonal basis are: flag football, basketball, soccer, volleyball, dodgeball, and tennis. The program provides opportunities for every individual, regardless of ability or experience, to realize the joy of recreation participation, create programs and activities organized and administered by students, and to promote programs that are attractive alternatives for free time through physical recreation to develop lifelong habits of exercise and play. For more information, please visit our webpage: https://www.daltonstate.edu/campus_life/club-sports-intramurals.cms

FITNESS/WELLNESS
The fitness center offers a variety of programs to meet the needs of the entire Dalton State community. Fitness center amenities include cybex machines, cardio equipment, basketball court, turf field, and locker rooms with showers. Programs run through the fitness center include personal training, group fitness classes, lectures, and nutritional guidance. The Dalton State fitness center is designed for everyone; from the beginner that is interested in living a healthy lifestyle, to the more advanced student that is wanting to enhance their current program. For more information, please visit our webpage: https://www.daltonstate.edu/campus_life/fitness-classes.cms

OUTDOOR ADVENTURE
The outdoor adventures program is in place to provide the Dalton State community opportunities to experience the outdoors. The programs offer both recreational and educational opportunities for everyone, whether you are a beginner or an expert. The outdoor adventure program promotes lifelong learning, active leadership, and positive contributions to Northwest Georgia. Some of the trips offered include: white water rafting, hiking, snow skiing, camping, and climbing. For more information, please visit our webpage: https://www.daltonstate.edu/campus_life/outdoor-adventures.cms

STUDENT HEALTH SERVICES
The Ken White Student Health Center offers free, quality health services to currently enrolled students. These services include screening and treatment for acute viral and bacterial illnesses and treatment for minor injuries. All medical records and discussions with student health services are confidential. The health center is located in Health Professions Suite 266. For more information on services and hours of operation visit Student Health Services (https://www.daltonstate.edu/campus_life/student-health-services.cms).

COUNSELING CENTER
The Counseling Center offers free and confidential individual, group, and couples counseling to currently enrolled students. The counseling offered at DSC is based on a short-term model. For longer or more intensive therapy treatment, community referrals may be provided. The Counseling Center is located inside the Ken White Student Health Center, in Health Professions Suite 266. For more information on services and hours of operation visit Counseling Services (https://www.daltonstate.edu/campus_life/counseling-mission.cms).

RESIDENTIAL LIFE
Living on campus provides students with opportunities for learning outside the classroom, leadership development, social outlets and entertainment.

Mashburn Hall is a four story suite-style residence hall, located across George Rice Drive from the Pope student center. All rooms in Mashburn Hall are equipped with high speed wireless internet and digital cable. All cable, internet, electricity, and water services are provided at no additional cost to the resident. Students must provide their own computer and television if desired.

Each floor has at least two Resident Assistants (RAs). RAs are returning student leaders who are an essential part of the Residential Life team as they assist students in their transition to Dalton State. All of our RAs are friendly and approachable, so feel free to talk to any staff member about any concerns you may have. They are great resources regarding how to get involved on campus and effective study habits. RAs help students learn to live cooperatively with others by developing community, mediating conflicts, and reporting policy violations. In addition, RAs sponsor many programs throughout the year. Stop by the TV in the main lobby to learn more about these events and other timely updates about Mashburn Hall.

At least one RA and Professional Staff member are on duty every day of the week. For assistance after the office and front desk are closed, residents can call the RA on Duty phone number: 706-508-3937.

Living On Campus
A student must be enrolled in at least 9 credit hours per semester in order to live on-campus. Students will complete a housing application on their MyDaltonState after being accepted to Dalton State College. Students will follow the instructions on the application, review and sign the contract to officially submit your application. The housing contract is your agreement with Dalton State College Residential Life for the entire academic year, and will be held responsible for all fees associated with Residential Life.

Accommodations: Under the Americans with Disabilities Act, students needing housing accommodations must be registered with Andrea Roberson (aroberson@daltonstate.edu or 706-272-2524) in Disability Access and must provide an accommodation approval form. Requests for special accommodations or service animals must be received at least 30 days prior to anticipated occupancy.

Bicycles: Bicycles must be parked in racks located in the front of Mashburn Hall and may not be parked in any location that obstructs pedestrian traffic. Bicycles may not be kept in student rooms or stored in any other part of the residence hall. Bike helmet and bike lights are recommended.

Break Closing: The college does not provide temporary housing during winter break. Residents are not allowed to return to Mashburn Hall until it has officially re-opened. You should be aware that there may be interruption in utility services (i.e., heat, a/c, electricity, water) due to maintenance that can only be accomplished during breaks. During breaks, Corvias and Dalton State College personnel may move furniture or other items in order to service heating/air conditioning units. Before
Cleaning: Residents are responsible for keeping their room, bathroom, and suite in a clean and sanitary condition. It is important to develop and follow a cleaning schedule with your roommates or suitemates. Damage and/or cleaning charge of $125 or more will be assessed for rooms or suites left in unsatisfactory condition at check-out.

Cooking: Mashburn Hall has two common kitchens located on the first and third floor in which residents may cook. Residents are responsible for cleaning up after themselves when they use the kitchens. Residents are allowed to bring a microwave (under 1,100 watts) and a mini fridge (under 3.5 cu. Ft.). For the safety of all residents, do not leave food unattended while cooking. A common mistake is to overcook popcorn. Burnt popcorn may activate the fire alarm which causes all residents to evacuate. If your actions cause the Fire Department to respond, you may be billed a $200 fine in addition to any costs for cleanup and/or restoration.

Courtesy Hours: Courtesy hours are in effect at all times; 24 hours a day, seven days a week, in all areas of Mashburn Hall. A student’s right to study and sleep will be respected. Residents and their guests will lower their voices and/or volume of their equipment if asked to do so at any time.

Garbage and Recycling: Residents are responsible for emptying their own garbage and recycling and transporting it to the trash dumpster.

Hosting Guests: Residential students are allowed to host other students at any time as long as it does not interfere with a roommate(s)’ right to sleep, study, privacy, and/or normal use of the room (as stipulated by the roommate agreement). Guests as well as other students are limited to a stay of three consecutive nights per week, no more than nine nights in a month. Staying longer than three nights is considered cohabitation and can be documented through the student conduct process. One night is considered staying in a suite, that you are not a resident of, after 12:00am. A resident may have no more than two overnight guests at any one time, provided all roommates/suitemates approve. All residents are responsible for the behavior of their guests at all times. Overnight guests must be at least 16 years of age. All overnight guests must have their vehicles registered with the Residential Life and place the vehicle registration pass in the lower left hand corner of the rear window of their vehicle.

Laundry: Laundry rooms are located on each floor in Mashburn Hall. Washers and dryers are operated and owned by an external vendor. Students are responsible for supplying their own detergent, fabric softener and bleach. Laundry that is left in the laundry room for more than 48 hours will be collected and donated.

Lockouts: For your personal safety, it is important to lock your room and suite door each time you leave and carry your keys and Roadrunner ID with you at all times. After the 15th day of classes in the fall, residents are billed $25 each time they request lock out assistance. From 1:00am – 9:00am, the lock out assistance fee is $50. To request lock out assistance after hours, call the RA on Duty number. Residents may be required to show proof that the keys are in their room and if the keys cannot be produced, the RA will report the keys lost and the students will be billed for a lock change.

Mail and Packages: All residential students are assigned a mailbox located in the main lobby of Mashburn Hall.

Mashburn Hall.

CAMPUS SERVICES
ROADRUNNER CARD
The Roadrunner Card is issued through Campus Services. A personal photo is required before your Roadrunner Card can be created. Usually these photos are taken during orientation, however they can also be taken any time in the Campus Services office. A valid form of identification must be presented before your photo will be taken.

The Roadrunner Card is used as your primary identification on campus and allows for entrance to the Fitness Center, Student Life events, and Athletic events. Your card also allows you access to print on campus, check out books from the library, and door access if you live in Mashburn Hall. Enrolled students will receive $15 in free print money each semester, loaded to their Roadrunner Card. Free Print money rolls over from Fall to Spring and Spring to Summer. All print funds expire at the end of summer semester.

Students can add money to their Roadrunner Cash account, then use their Roadrunner Card to make purchases at the Bookstore, Roadrunner Café, Rage Café, Campus Services, and select vending machines. Roadrunner Cash can also be used to print if students run out of their print funds. Roadrunner cash can be added via cash at Campus Services or the PHIL Station in the Library. Roadrunner Cash can be added via credit/debit card at the Eaccounts website or visit our Roadrunner Card page: https://www.daltonstate.edu/campus_life/roadrunner-card.cms

DINING SERVICES
Dining Services is managed by Aladdin, a third party company, and operates the Roadrunner Café and the Rage Café. The Roadrunner Café is the main dining hall located in the Pope Student Center. The Roadrunner Café offers deli sandwiches, pizzas, grill items, a salad bar, home style cooking, and other items. The Rage Café is located in Peeples Hall and offers coffee, donuts, grab and go items, breakfast and lunch sandwiches, and other items. Please see our page for specific details. https://www.daltonstate.edu/campus_life/dining-services.cms

DALTON STATE BOOKSTORE
The Bookstore is operated by Follett Higher Education.

The Bookstore sells textbooks and offers textbook buy-backs for all courses at Dalton State. The Bookstore also sells school supplies, best-sellers, reference material, clothing, apparel, computers and other electronics, personal items, snacks, and graduation merchandise. Please visit our page for hours and other details. https://www.daltonstate.edu/campus_life/bookstore.cms

OTHER STUDENT RESOURCES
LIBRARY
The Derrell C. Roberts Library provides extensive collection of resources and services.

The library maintains a comprehensive and current collection of learning resources to ensure access to the most current, scholarly information possible. The collections of the Derrell C. Roberts Library include 144,351 print volumes, 173 current periodical and newspaper subscriptions, 8,938
media titles, 422,135 e-books, 244,743 federal government documents, and numerous electronic resources.

The library is housed in a 59,323 square feet building on the Dalton campus which includes seven (7) group study rooms, three (3) classroom, and three (3) video labs. The library’s three video labs are equipped with computer, 43” or 55” 4K smart TV, and webcam so students may practice speeches or record video for class assignments. There are 83 computer workstations located throughout the building as well as two scanners and five (5) printers/copiers.

You may locate books, periodicals, government documents, e-books, and media using the GIL-Library Catalog You may search for items located in the Roberts Library or to locate materials owned by other USG libraries. Another online tool, Library Guides, will help find library materials or assistance in specific areas such as Social Work or MLA Style.

To your left as you enter the main entrance, the Circulation Desk is where staff will gladly assist you with items that instructors place on Course Reserve, using the photocopiers, picking up print jobs, and checking out library materials. Reference librarians are ready to teach you the best search techniques and how to evaluate the many resources that are available.

With a student ID, DSC students can checkout laptops, and use them throughout the building. Past the Circulation Desk are computer workstations for both students and the community. To the left of the computer area are the Reference, Periodical and Government Documents, Childhood Education, and Media collections. Our Reference Collection contains general and subject dictionaries and encyclopedias, almanacs, directories, statistical resources, and multi-volume criticism sets. As a selective federal documents repository, the Roberts Library holds numerous authoritative studies and informational documents published by various federal agencies. Many of these documents are linked to the federal agency site through GIL-Library Catalog.

In the west wing of the Library is the computer lab, library archives, seating areas, and the offices of the Bandy Heritage Center. All the workstations in the computer lab offer access to the GALILEO (Georgia Library Learning Online) a virtual library of 200+ full-text databases with over 27,000 full-text periodicals, subject indexes and directories, online reference materials, and Georgia documents and historical papers. Students and faculty may access these resources on campus without a password. For off-campus access, you must use your MyDaltonState user name and password.

The usual semester hours are:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Monday-Thursday</td>
<td>7:30 a.m. - 8:00 p.m.</td>
</tr>
</tbody>
</table>

The Roberts Library staff encourages you to take full advantage of the resources and services that the Library has to offer. We look forward to seeing and hearing from every student. Suggestions and questions are welcome either in person, by e-mail. Make the Library a regular part of your college experience to insure your academic success.

OFFICE OF ALUMNI RELATIONS

The Dalton State Office of Alumni Relations serves as the connection between 10,000 alumni and the college. The alumni office is assisted by a 15-member Alumni Advisory Council that provides support for communications such as the biannual Dalton State magazine for alumni and friends, a quarterly e-mail newsletter, and reunions and other programs to engage Dalton State alumni throughout the year. Contact the Office of Alumni Relations at 706-272-2473 or https://www.daltonstate.edu/resources_for/alumni.cms
DEPARTMENT OF PUBLIC SAFETY

Public Safety has the responsibility for the safety and security of students, staff, faculty and visitors. The campus of Dalton State College is a safe and secure environment due to the efforts of a number of departments. The police department is under the direction of Chief Michael Masters, and consists of 13 sworn police officers and three dispatchers. The police officers, certified by the State of Georgia, are armed and have full arrest powers. All State Certified Officers complete formal training at a police academy for certification by the Georgia Peace Officers Standards and Training Council. All officers receive annually at least twenty (20) hours of in-service training including but not limited to: legal updates; crime prevention; firearm instruction and re-qualification; defensive tactics; emergency response; C.P.R; AED and first aid.

The Public Safety Department is located in the Health Professions Building, Room 300 and an officer can be reached anytime at 706-272-4461.

CAMPUS PARKING
Parking Rules and Regulations
For Parking Assistance call (706) 272-4461

All motorized vehicles parked at Dalton State College must be registered with the department. Students, Faculty, and Staff are not authorized to park in visitor spaces; these are reserved for off campus visitors. Bicycles must be parked in bicycles racks located outside of campus buildings and a lock is recommended to deter possible theft. For safety and liability reasons, skateboarding or scooters on sidewalks, walkways and/or in or around campus buildings will not be allowed unless they are being used for transportation.

All vehicles illegally parked are subject to being issued a citation and/or towed. This includes blocking entrances, parking on yellow curbs, parking on the grass, parking next to a fire hydrant, or parking in handicap spaces without the proper state issued handicap permit displayed, students parking in employee spaces, or other.

Handicap Permit: Valid handicap plates and permits issued by the State of Georgia or other state will be honored on campus. Should you need temporary handicap parking on campus you must first contact Dalton State College Disabilities Access and Student Support Services to get the necessary approval for a temporary campus handicap permit. Receiving a Dalton State temporary permit will allow you to park in faculty and staff parking spaces only (not state handicap spaces).

Traffic Fines: Must be paid in the Business Office located in Westcott Hall or online: https://www.daltonstate.edu/about/pay-online.cms

Traffic Appeal Committee: Any person wishing to appeal a traffic ticket must do so online at:

https://dynamicforms.ngwebsolutions.com/Login.aspx?ReturnUrl=%2fShowForm.aspx%3fRequestedDynamicFormTemplate%3d80921aee-63b3-41c7-ab73-51bc029e184d

The right to appeal will be forfeited after five school days. After filing a written appeal, the person appealing the ticket has the option to appear in person before the Traffic Appeals Committee or the appeal will be read in his/her absence. The person attending the Traffic Appeals Committee will be immediately informed of the Traffic Committee's decision. In every case the appeal results will be emailed.

Accidents: Any vehicle accidents occurring on the main Dalton State College campus must be reported to the Public Safety office immediately at 706-272-4461. The driver(s) involved in any accidents on campus resulting in the injury to, or death of, or damage to any property of another shall immediately stop their vehicle at the scene of the accident. The persons involved should remain at the scene of the accident until an officer arrives and completes their investigation. Drivers must present the officer(s) with valid proof of insurance and driver's license.

TRAFFIC CODE
Statement of General Policy

1. For the purpose of these regulations a motor vehicle includes automobiles, trucks, motor scooters, motorbikes, and other motor powered vehicles.
2. The term “students” includes all who attend classes at Dalton State College including students from any other school holding classes on the Dalton State College campus.
3. The term “visitor” includes any person other than faculty, staff, or a student parking or driving an unregistered vehicle on campus.

Motor Vehicle Registration

1. All faculty, staff, and student motor vehicles must be registered for campus parking. https://daltonstateparking.gabest.usg.edu/
2. Registered vehicles must be covered by liability insurance and drivers must have a valid driver's license to operate a vehicle on the Dalton State College campus.
3. Temporary permits may be obtained for a two-week period.
4. Parking in marked handicapped spaces requires a permit from the Georgia Department of Public Safety or a handicapped tag.

General Rules

1. The registrant or student is held responsible for the safe, prudent operation, and proper parking of their vehicle regardless of who may be the operator.
2. Curb painted yellow are NO PARKING AREAS.
3. Parking against the flow of traffic is PROHIBITED.
4. Students leaving vehicles on campus after school hours must notify the Public Safety Office or the vehicle is subject to being towed.
5. No vehicles will be backed into parking spaces or pulled through spaces.
6. Student vehicles parked in visitor's spaces or spaces reserved for faculty and staff may be towed at the owner's expense.
7. Speed limits are as posted.
8. No parking at any time on College Drive.
9. No student parking in front of Westcott Hall at any time. No faculty/staff parking in visitor spaces.
10. Resident of Mashburn Hall will only park in the parking area around the parking garage in spaces marked in blue. Students may not park in residential spaces. Residents may not park in student spaces.
11. No exiting from the parking lots by way of marked entrances.
12. No entrance to lots by way of marked exits.
13. Any vehicle parked on walkways or grass areas without permission from the Public Safety Office will be towed at owner's expense.

14. All vehicle accidents on campus must be reported to the Public Safety Department at 706-272-4461. A Public Safety Officer will conduct an investigation into the accident. The same applies to incidents of bodily accident or injury.

15. Neither Dalton State College nor any of its employees assumes any responsibility or liability for the loss from theft or damage due to vehicles parked in the parking areas.

16. Music from within a vehicle must not be audible more than 100 feet from the vehicle, or cause disruption to campus.

17. Vehicles must not be operated at speeds that are unreasonable given conditions that are present such as; traffic congestion, pedestrian traffic, weather, etc.

18. Vehicles must be parked with the flow of traffic in parallel parking spaces.

Penalties and Fines for Violations

All fines must be paid at the Business Office located in Westcott Hall or online: https://www.daltonstate.edu/about/pay-online.cms

The right to appeal will be forfeited after FIVE school days. Appeals may be made online at: https://dynamicforms.ngwebsolutions.com/Login.aspx?ReturnUrl=%2fShowForm.aspx%3fRequestedDynamicFormTemplate%3d80921aee-63b3-41c7-ab73-51bc029e184d

Failure to pay fines approved by the Traffic Appeals Committee will result in withholding of Grades and/or of Transcripts to other institutions or agencies; or may hinder Registration.

<table>
<thead>
<tr>
<th>Penalty</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Failure to Register Vehicle</td>
<td>$20.00</td>
</tr>
<tr>
<td>2. Unregistered Vehicle in Residential area</td>
<td>$20.00</td>
</tr>
<tr>
<td>3. Parking on White Lines/Yellow Lines</td>
<td>$20.00</td>
</tr>
<tr>
<td>4. Parking in Reserved Spaces; Faculty, Visitors</td>
<td>$35.00</td>
</tr>
<tr>
<td>5. Backing into Parking Spaces</td>
<td>$20.00</td>
</tr>
<tr>
<td>6. Pulling through Parking Spaces</td>
<td>$20.00</td>
</tr>
<tr>
<td>7. Impeding the Free Flow of Traffic</td>
<td>$20.00</td>
</tr>
<tr>
<td>8. Entering through Exit Only (or Exiting through Entrance)</td>
<td>$20.00</td>
</tr>
<tr>
<td>9. Stop Sign Violation</td>
<td>$20.00</td>
</tr>
<tr>
<td>10. Loud Music from Vehicle</td>
<td>$20.00</td>
</tr>
<tr>
<td>11. Parking in an Unauthorized Area</td>
<td>$20.00</td>
</tr>
<tr>
<td>12. Parking in Handicapped Spaces</td>
<td>$50.00</td>
</tr>
<tr>
<td>13. Speeding</td>
<td>$20.00</td>
</tr>
<tr>
<td>14. Reckless Driving</td>
<td>$30.00</td>
</tr>
<tr>
<td>15. Parking Against Flow of Traffic</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

*Fine amounts will double after the third ticket issued within a semester

First Aid Procedures

The following procedures are recommended in case of any accident or emergency situation relating to health on the campus of Dalton State College. In case of minor cuts, scratches, etc., first aid kits are located in all campus buildings. In case of an accident of a more serious nature, faculty, staff, and students are requested to:

1. Not move the patient.
2. Immediately notify the Department of Public Safety at 706-272-4461 or phone 911.

The Public Safety Officer(s) will make a determination of the best course of action regarding the patient's health and safety. An appropriate accident/incident report must be completed and filed with the Department of Public Safety for record keeping and verification. Students requiring medical attention must defray their own expense. It is recommended that each faculty member at the beginning of each term offer students a chance to inform the faculty member, or Disabilities Access and Student Support Services in confidence, of any medical problem such as seizures, for example, that may affect the student in class.

Children on Campus Policy

Child care facilities are not available on campus. The institution is not responsible for children. Children must not be left unsupervised on campus. Children are not permitted to accompany students to classes, laboratories, seminars, etc.

In patrols of the buildings, if unattended minor children are found in the hallways or campus grounds, a Public Safety Officer will complete the following:

1. Have the child assist them in locating the parent.
2. Officers will interrupt the class in a professional manner and request the parent to step out of the classroom. The parent will be instructed to take immediate care and control of their child. Officer will complete a Miscellaneous Incident Report titled Unattended Child.
3. In situations where the parent is not attending class, and is not in the immediate area, Officers may be required to bring the child to the Public Safety Office until the parent can be located. Appropriate reports will be completed per the Officer's determination.
4. Children may be on campus accompanied by their parents for short, infrequent visits. However, children may not remain with the parents for extended periods of time as they may interfere with the performance of the employee/student and may compromise the safety of the children. Should this instance occur, the parent will be instructed to take the children home.

ROADRUNNER ALERT

Roadrunner Alert is Dalton State College's emergency notification system. It allows College officials to send critical information to the campus community through the use of text messages, voice messages, and emails. Dalton State College urges all students, faculty and staff to update their emergency contact information in the Roadrunner Portal so that Roadrunner Alerts are sent to correct number or addresses.

https://www.daltonstate.edu/about/alert.cms

SEVERE WEATHER INFORMATION

Use your best judgment when driving or when outside during severe weather. All buildings on campus have designated 'weather safe' areas on the lowest level of each building which can be utilized during a tornado warning or during high winds. A Roadrunner Alert will be issued when dangerous conditions exist.
Please update your personal information in Banner and sign up for the Roadrunner Alert emergency notification system to receive critical campus information. In the event of a delay or closing, students should contact their professor(s) immediately.

OTHER INFORMATION
Additional information is contained on our website; emergency procedures, anonymous reporting procedures, campus vehicle reservation information, and others.

https://www.daltonstate.edu/about/safety-overview.cms
INSTITUTIONS OF THE UNIVERSITY SYSTEM OF GEORGIA

Key to Initials after each institution

h=On-Campus Student Housing Facilities

Degrees Awarded: A=Associate; B=Bachelor’s; J=Juris Doctor; M=Master’s; S=Specialist in Education; D=Doctorate

### Research Universities

<table>
<thead>
<tr>
<th>City</th>
<th>ID</th>
<th>School</th>
<th>Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Augusta</td>
<td>30912</td>
<td>Augusta University</td>
<td>h; A,B,M,D</td>
</tr>
<tr>
<td>Atlanta</td>
<td>30332</td>
<td>Georgia Institute of Technology</td>
<td>h; B,M,D</td>
</tr>
<tr>
<td>Atlanta</td>
<td>30303</td>
<td>Georgia State University</td>
<td>h; A,B,J,M,S,D</td>
</tr>
<tr>
<td>Athens</td>
<td>30602</td>
<td>University of Georgia</td>
<td>h; A,B,J,M,S,D</td>
</tr>
</tbody>
</table>

### Comprehensive Universities

<table>
<thead>
<tr>
<th>City</th>
<th>ID</th>
<th>School</th>
<th>Degrees</th>
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</thead>
<tbody>
<tr>
<td>Statesboro</td>
<td>30460</td>
<td>Georgia Southern University</td>
<td>h; B,M,S,D</td>
</tr>
<tr>
<td>Marietta</td>
<td>30061</td>
<td>Kennesaw State University</td>
<td>h; B,M,S,D</td>
</tr>
<tr>
<td>Carrollton</td>
<td>30118</td>
<td>University of West Georgia</td>
<td>h; A,B,M,S,D</td>
</tr>
<tr>
<td>Valdosta</td>
<td>31698</td>
<td>Valdosta State University</td>
<td>h; A,B,M,S,D</td>
</tr>
</tbody>
</table>

### State Universities

<table>
<thead>
<tr>
<th>City</th>
<th>ID</th>
<th>School</th>
<th>Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany</td>
<td>31705</td>
<td>Albany State University</td>
<td>h; B,M,S</td>
</tr>
<tr>
<td>Morrow</td>
<td>30260</td>
<td>Clayton State University</td>
<td>h; A,B,M</td>
</tr>
<tr>
<td>Columbus</td>
<td>31993</td>
<td>Columbus State University</td>
<td>h; A,B,M,S,D</td>
</tr>
<tr>
<td>Fort Valley</td>
<td>31030</td>
<td>Fort Valley State University</td>
<td>h; B,M</td>
</tr>
<tr>
<td>Milledgeville</td>
<td>31061</td>
<td>Georgia College &amp; State University</td>
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### State Colleges

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University System of Georgia
270 Washington Street, S.W.
Atlanta, Georgia 30334
## Members of the Board of Regents

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Current Term</th>
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<tbody>
<tr>
<td>Erin Hames</td>
<td>Atlanta</td>
<td>State-at-Large, 2018-2023</td>
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<tr>
<td>Samuel Holmes</td>
<td>Atlanta</td>
<td>State-at-Large, 2019-2026</td>
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<tr>
<td>James M. Hull</td>
<td>Augusta</td>
<td>State-at-Large, 2016-2023</td>
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<tr>
<td>Cade Joiner</td>
<td>Brookhaven</td>
<td>State-at-Large, 2020-2027</td>
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<tr>
<td>T. Dallas Smith</td>
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<tr>
<td>Don L. Waters</td>
<td>Savannah</td>
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<tr>
<td>Barbara Rivera Holmes</td>
<td>Albany</td>
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<td>C. Thomas Hopkins, Jr.</td>
<td>Griffin</td>
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<tr>
<td>Rachel B. Little</td>
<td>Loganville</td>
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<td>Sarah-Elizabeth Reed</td>
<td>Atlanta</td>
<td>Fifth District, 2017-2026</td>
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<td>Kessel D. Stelling</td>
<td>Columbus</td>
<td>Sixth District, 2015-2022</td>
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<td>Jose R. Perez</td>
<td>Peachtree Corners</td>
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<td>Sachin Shailendra</td>
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<tr>
<td>Lowery Houston May</td>
<td>Rome</td>
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## Officers and Staff Members of the Board of Regents

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<tbody>
<tr>
<td>Sachin Shailendra</td>
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<tr>
<td>James M. Hull</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Steve Wrigley</td>
<td>Chancellor</td>
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<tr>
<td>Jen Ryan</td>
<td>Vice Chancellor for Communications</td>
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DALTON STATE FOUNDATION

Dalton State College Foundation, Inc.

2019 - 2021 Board of Trustees

Chip Howalt, Chairman
David Elrod, Treasurer
Josh Wilson, Secretary
Jim Bethel
Barry Blevins
Bob Buchanan
Stan Goodroe
Jim Jolly
Bob Kinard
Lynn Laughter
Bryan McAllister
Rodney Ownbey
Sara "Skeeter" Pierce
Dora Price
John Shaheen
Ken White
Margaret Venable, ex-officio
# PAST PRESIDENTS

## Past Presidents

<table>
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<tr>
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<tbody>
<tr>
<td>Arthur M. Gignilliat</td>
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<tr>
<td>James A. Burran</td>
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<tr>
<td>John O. Schwenn</td>
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<td>Codjoe, Henry M.</td>
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<td>Taylor, Molly M.</td>
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<td>Thrower, Benjamin</td>
<td>BUS Lecturer of Business Administration</td>
<td>B.A., University of Georgia; M.S., Georgia College and State University; M.S., University of Utah; M.P.A., Georgia College and State University</td>
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<td>Tomasello, Tami K.</td>
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<td>B.Arch., Virginia Polytechnic Institute and State University; M.S., Ph.D, Florida State University</td>
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<td>B.S., Tennessee Temple College; M.A., Ohio University; M.A., University of Tennessee at Chattanooga; Ed.D., University of Georgia</td>
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<td>Turner, Dean E.</td>
<td>STM Associate Professor of Chemistry</td>
<td>B.S., Muskingum College; Ph.D., Boston College</td>
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<td>Vallowe, Megan</td>
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<td>Senior Lecturer in</td>
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<td>Part-time instructor in</td>
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<td>Justice and Sociology and</td>
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previous/catalog-12-13.pdf], web [http://catalog.daltonstate.edu/
previous/2012-13/])

2011-2012 Catalog (pdf [http://catalog.daltonstate.edu/
previous/catalog-11-12.pdf],web [http://catalog.daltonstate.edu/
previous/2011-2012/])
## INDEX

### A

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Calendar</td>
<td>7</td>
</tr>
<tr>
<td>Academic Information and Regulations</td>
<td>39</td>
</tr>
<tr>
<td>Accounting</td>
<td>216</td>
</tr>
<tr>
<td>ACCT Courses</td>
<td>253</td>
</tr>
<tr>
<td>ACED, eMajor Courses</td>
<td>254</td>
</tr>
<tr>
<td>Administrative Staff</td>
<td>6</td>
</tr>
<tr>
<td>Admission</td>
<td>14</td>
</tr>
<tr>
<td>Admission Committee Appeal Procedure</td>
<td>15</td>
</tr>
<tr>
<td>African-American Studies</td>
<td>56</td>
</tr>
<tr>
<td>ALHT Courses</td>
<td>255</td>
</tr>
<tr>
<td>ANTH Courses</td>
<td>255</td>
</tr>
<tr>
<td>ARTS Courses</td>
<td>255</td>
</tr>
<tr>
<td>Associate Degree Nursing Program</td>
<td>108</td>
</tr>
<tr>
<td>Associate Degree Programs</td>
<td>108</td>
</tr>
<tr>
<td>ASTR Courses</td>
<td>256</td>
</tr>
</tbody>
</table>

### B

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor's Degree Programs</td>
<td>55</td>
</tr>
<tr>
<td>BIOL Courses</td>
<td>256</td>
</tr>
<tr>
<td>Biology</td>
<td>56</td>
</tr>
<tr>
<td>Biology, Secondary Certification Option</td>
<td>148</td>
</tr>
<tr>
<td>BUSA Courses</td>
<td>153</td>
</tr>
<tr>
<td>Business Analytics</td>
<td>259</td>
</tr>
<tr>
<td>Business for Non-Business Majors</td>
<td>59</td>
</tr>
</tbody>
</table>

### C

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus Life</td>
<td>326</td>
</tr>
<tr>
<td>CAMPUS SERVICES</td>
<td>329</td>
</tr>
<tr>
<td>CAPS Courses</td>
<td>260</td>
</tr>
<tr>
<td>Career Certificate Programs</td>
<td>142</td>
</tr>
<tr>
<td>CHEM Courses</td>
<td>261</td>
</tr>
<tr>
<td>Chemistry</td>
<td>65</td>
</tr>
<tr>
<td>Chemistry, Secondary Certification Option</td>
<td>158</td>
</tr>
<tr>
<td>Chemistry, Secondary Certification Option</td>
<td>161</td>
</tr>
<tr>
<td>CMPS Courses</td>
<td>263</td>
</tr>
<tr>
<td>COMM Courses</td>
<td>263</td>
</tr>
<tr>
<td>Communication</td>
<td>263</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>164</td>
</tr>
<tr>
<td>Computer Networking and Service Technology</td>
<td>111</td>
</tr>
<tr>
<td>Computer Networking and Service Technology</td>
<td>142</td>
</tr>
</tbody>
</table>

### D

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dalton State College</td>
<td>5</td>
</tr>
<tr>
<td>Dalton State Faculty and Professional Staff</td>
<td>338</td>
</tr>
<tr>
<td>Dalton State Foundation</td>
<td>336</td>
</tr>
<tr>
<td>DEAN OF STUDENTS’ OFFICE</td>
<td>326</td>
</tr>
<tr>
<td>Department of Public Safety</td>
<td>331</td>
</tr>
</tbody>
</table>

### E

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON Courses</td>
<td>267</td>
</tr>
<tr>
<td>EDUC Courses</td>
<td>268</td>
</tr>
<tr>
<td>Education</td>
<td>234</td>
</tr>
<tr>
<td>Education Pathway</td>
<td>116</td>
</tr>
<tr>
<td>ELCT Courses</td>
<td>271</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>176</td>
</tr>
<tr>
<td>ENGL Courses</td>
<td>273</td>
</tr>
<tr>
<td>English</td>
<td>72</td>
</tr>
<tr>
<td>English, Secondary Certification Option</td>
<td>178</td>
</tr>
<tr>
<td>ENGR Courses</td>
<td>276</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>76</td>
</tr>
<tr>
<td>Environmental and Sustainability Studies</td>
<td>188</td>
</tr>
<tr>
<td>ENVS eCore courses</td>
<td>278</td>
</tr>
<tr>
<td>ESOL Courses</td>
<td>278</td>
</tr>
<tr>
<td>ETEC, eCore Courses</td>
<td>278</td>
</tr>
<tr>
<td>Expenses</td>
<td>25</td>
</tr>
</tbody>
</table>

### F

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film Pathway</td>
<td>117</td>
</tr>
<tr>
<td>Finance</td>
<td>83</td>
</tr>
<tr>
<td>Finance and Applied Economics</td>
<td>218</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>34</td>
</tr>
<tr>
<td>Financial Technology</td>
<td>84</td>
</tr>
<tr>
<td>FINC Courses</td>
<td>279</td>
</tr>
<tr>
<td>Forensic Accounting</td>
<td>85</td>
</tr>
<tr>
<td>FREN Courses</td>
<td>279</td>
</tr>
<tr>
<td>FTA Courses</td>
<td>280</td>
</tr>
<tr>
<td>Programs of Study</td>
<td>45</td>
</tr>
<tr>
<td>-------------------</td>
<td>----</td>
</tr>
<tr>
<td>PRSP Courses</td>
<td>311</td>
</tr>
<tr>
<td>PSYC Courses</td>
<td>311</td>
</tr>
<tr>
<td>Psychology</td>
<td>99</td>
</tr>
<tr>
<td>Psychology</td>
<td>209</td>
</tr>
<tr>
<td><strong>R</strong></td>
<td></td>
</tr>
<tr>
<td>Radiologic Technology Program (AAS)</td>
<td>131</td>
</tr>
<tr>
<td>RADT Courses</td>
<td>314</td>
</tr>
<tr>
<td>READ Courses</td>
<td>316</td>
</tr>
<tr>
<td>Required High School Curriculum (RHSC)</td>
<td>18</td>
</tr>
<tr>
<td>RESIDENTIAL LIFE</td>
<td>328</td>
</tr>
<tr>
<td>RESP Courses</td>
<td>317</td>
</tr>
<tr>
<td>Respiratory Therapy</td>
<td>136</td>
</tr>
<tr>
<td>Respiratory Therapy, B.S.</td>
<td>245</td>
</tr>
<tr>
<td>Rhetoric and Writing</td>
<td>102</td>
</tr>
<tr>
<td>RN-BSN</td>
<td>242</td>
</tr>
<tr>
<td><strong>S</strong></td>
<td></td>
</tr>
<tr>
<td>School of Arts and Sciences</td>
<td>148</td>
</tr>
<tr>
<td>School of Education</td>
<td>232</td>
</tr>
<tr>
<td>School of Health Professions</td>
<td>238</td>
</tr>
<tr>
<td>Secondary Education</td>
<td>236</td>
</tr>
<tr>
<td>SOCI Courses</td>
<td>319</td>
</tr>
<tr>
<td>Social Work</td>
<td>248</td>
</tr>
<tr>
<td>SOWK Courses</td>
<td>319</td>
</tr>
<tr>
<td>SPAN Courses</td>
<td>321</td>
</tr>
<tr>
<td>Special Fees</td>
<td>31</td>
</tr>
<tr>
<td>SPED Courses</td>
<td>322</td>
</tr>
<tr>
<td>Statement of Purpose</td>
<td>10</td>
</tr>
<tr>
<td>Student Admission Classification</td>
<td>18</td>
</tr>
<tr>
<td>SUST Courses</td>
<td>322</td>
</tr>
<tr>
<td>Sustainability</td>
<td>106</td>
</tr>
<tr>
<td><strong>T</strong></td>
<td></td>
</tr>
<tr>
<td>Technology Management</td>
<td>213</td>
</tr>
<tr>
<td>THEA Courses</td>
<td>323</td>
</tr>
<tr>
<td>Theatre Pathway</td>
<td>139</td>
</tr>
<tr>
<td><strong>W</strong></td>
<td></td>
</tr>
<tr>
<td>Withdrawal and Refund Schedule</td>
<td>32</td>
</tr>
<tr>
<td>Wright School of Business</td>
<td>215</td>
</tr>
</tbody>
</table>