General Studies, Computer Science Pathway

Associate of Science

Transfers toward the Bachelor of Science in Computer Science.

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
HUMN 1000 Mystery Fiction in Pop Culture
HUMN 1100 Political and Social Rhetoric
HUMN 1300 Christian Fiction/Pop Culture
PHED 1030 Health & Wellness Concepts
SOCI 1000 Race and Ethnicity in America

Area C: Humanities/Fine Arts
Choose one to two ENGL course(s): 3-6
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
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
MATH 2253 Calculus and Analytic Geom I 4
One of the following Laboratory Science Sequences: 8
BIOL 1107K Principles of Biology I
& BIOL 1108K Principles of Biology II
CHEM 1211K Principles of Chemistry I
& CHEM 1212K Principles of Chemistry II

GEOL 1121K Principles of Geology
& GEOL 1122K Historical Geology
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 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 1650 CE
HIST 1112 World Civilization since 1650
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
CMPS 1301 Principles of Programming I 3
CMPS 1302 Principles of Programming II 3
CMPS 2720 Data Structures 3
MATH 2254 Calculus and Analytic Geom II 4
Two of the following electives: 4-5
CMPS 1130 Computer Concepts/Programming
CMPS 2313 Intro to Software Engineering
MATH 2200 Introduction to Statistics
MATH 2255 Calculus and Analytic Geom III
MATH 2256 Introduction to Linear Algebra
MATH 2602 Linear & Discrete Mathematics

Physical Education
PHED Activity Elective 1

Total Hours 61-62

* One hour from MATH 2253 may be used toward Area F credit hour requirement.