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, requires 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
ENGL 1101 Environmental 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 (Recommended)
HLTH 1030 Health and Wellness Concepts
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
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
GEOL 1121 Principles of Geology 4
GEOL 1131 Geology & the Environment 4
MATH 1401 Elementary Statistics 3

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
Two of the following electives: 6
ANTH 1103 Intro to Cultural Anthropology (Recommended)
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 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
BIOL 1107K Principles of Biology I 4
BUS 2106 The Environment of Business 3
CHEM 1211 Principles of Chemistry I 4
CHEM 1212 Principles of Chemistry II 4
SUST 2000 Intro Envir Sustainability * 3

Major Requirements
BIOL 1108K Principles of Biology II 4
CHEM 3211K Organic Chemistry I 4
CHEM 3212K Organic Chemistry II 4
CHEM 3311K Quantitative Analysis 4
CHEM 3700K Environmental Chemistry 4
ECON 2105 Principles of Macroeconomics 3
or ECON 2106 Principles of Microeconomics
SUST 3000 Political Ecology 3
SUST 3500 Environ Policies, Rules & Regu 3
SUST 4000 Senior Seminar 3
SUST 4100 Water Resources 3
SUST 4200 Energy Sustainability 3
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**Major Electives**

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<td>MATH 2253</td>
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**Physical Education**

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Total Hours: 121

* SUST 2000 is the pre-requisite for all SUST courses and must be successfully completed before taking other SUST courses.