

Contact

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Entrance Requirements

Official High School Transcripts, including a 12th Grade class schedule if applicable
SAT or ACT Scores
\$25.00 application fee

Major Requirements

BS Geography-Applied Geographic Technology
27 credits Geography/Political Science Core
13 credits Techniques Core
6 credits Techniques Electives
3 credits Regional Elective
3 credits Technical Communication
3 credits Geography Elective

65 credits Liberal Studies and Electives

BS Geography-Environmental Studies
15 credits Geography/Political Science Core
6 credits Social Science Core
9 credits Natural Science core
10 credits Techniques core
3 credits Research Skills
12 credits Environmental Studies Electives
65 credits Liberal Studies and Electives

The environmental studies major has a 100-hour service learning requirement

120 Minimum total credit hours required for graduation

COLLEGE OF HEALTH, ENVIRONMENT, AND SCIENCE

Programs

Students in the environmental studies and geography programs study the links between human beings and their environment as well as the links between one area of the earth's surface with another. Students wishing to focus on geography may choose a Bachelor of Arts (BA) degree in geography or a Bachelor of Science (BS) degree in applied geographic technology. The BA program allows more flexibility in choosing electives to complement the student's interests and career goals while the BS program, which requires more credits in geography, is designed to prepare students for employment in technical occupations, planning, or postgraduate studies. The applied geographic technology student investigates the geographic study of environmental, economic, cultural, and political processes and becomes proficient in the fast growing field of geographic information technology.

The BS program in Environmental Studies takes an interdisciplinary approach and integrates knowledge from the social and natural sciences in the study of environmental issues. An important goal of the program is for students to understand the relationships that exist between social, behavioral, and environmental systems. Students in environmental studies are required to take courses in the social and natural sciences. Elective courses within the program permit students to pursue their interests in greater depth. Students examine environmental problems in their physical and geographic context and relate them to historical, political, and economic conditions. Toward the end of their studies, students identify a research problem, gather and analyze data, and prepare a formal paper and presentation on their topic. Our department also offers an Environmental Science degree that emphasizes the scientific method and lab work while Environmental Studies has a focus on policy and a variety of research methods.

All of our programs emphasize the collection, analysis, and representation of earth data at scales ranging from the local to the global. Opportunities abound for students to engage in fieldwork, internships, and in the production of research in our department. Recent field trips, course travels, and research expeditions have visited Costa Rica, Virgin Islands, Bahamas, Puerto Rico, Ontario, Newfoundland, New Mexico, Nevada, Washington, Colorado, South Dakota, and Maryland. If you enjoy learning about the Earth and its peoples and landscapes, either in your back yard or far away, please consider the opportunities our programs provide.

Career Opportunities

The environmental studies and applied geographic technology programs provide students with a base in liberal arts skills (critical thinking, writing, and speaking) and in analytical skills such as data collection in the field, in the library, and on the computer; the use of global positioning systems; the use of mapping, spreadsheet, and database software. Our alumni web page shows the wide variety of careers that our graduates have pursued in the private and public sector as well as graduate school. Many of our students have found work that allows them to address important environmental and social issues in the private or public sector. Representative employment areas for our graduates include environmental consulting, pollution remediation, environmental law or public policy, outdoor education, resource management, geographic information systems analysis, nonprofit environmental organizations, and planning.

Liberal Education Requirements*

Approximately one-half of a student's courses will be credited toward completing liberal studies requirements. The liberal studies program is designed to provide students with the breadth of knowledge expected of an educated person in our society. These courses compliment the depth of specialty acquired in a student's major.

The program contains seven critical goals or areas of study. For each area, students select one or two classes from a selection of "goal courses." In addition, in some areas of study, students select a course from a wide class selection identified as "enrichment courses." These courses provide the opportunity to broaden and deepen knowledge in the goal area. Lastly, co-curricular "Supporting Experiences," are identified. These activities and programs available to all students and encompass working on student publications, belonging to honorary societies or working with various special on-campus special interest groups.

Goal I: Basic Competencies

Goal II: The Arts

Goal III: Cultural Diversity and Global Perspective

Goal IV: Human Institutions and Interpersonal Relationships

Goal V: Natural Sciences and Mathematics

Goal VI: Our National Experience

Goal VII: Challenges of the Modern Age

**All SRU students must complete the liberal studies requirements, which are counted in the total credit hours required for graduation and may be contained in the Major Requirements previously listed.*

Specialized Information

The Department of Geography, Geology, and the Environment offers four minors which are open to all undergraduate, degree-seeking SRU students. The minors are Environmental Science, Geology, Geography, and Geographic Information Technology.

Academic Programs 2004-2005

