

PROGRAMS AVAILABLE: Bachelor of Science | Minor

Be introduced to a wide range of integrated coursework within the natural and physical sciences.

If you are interested in environmental issues and enjoy the natural and physical sciences, a Bachelor of Science in environmental science (BSEVS) might be for you. You'll explore physical and social sciences through scientific inquiry. Creighton University's BSEVS program provides multidisciplinary science training to prepare you for employment in an environmental science career or for graduate and professional school.

The Environmental Science Program is committed to training students in the interdisciplinary field of environmental science, with an emphasis on natural science. All students are required to take core courses in biology, chemistry, atmospheric science and sociology. Students can also choose a track within the degree to customize their experience. Choose to learn more about the policy aspects of our relationship with the environment, delve deep into the study of ecology or cultivate a global perspective on today's environmental issues.

The Environmental Policy minor focuses on the ethical, cultural, political, economic and scientific factors that facilitate or impede environmental problem-solving. The minor provides students with a grasp of national and international environmental laws and policies designed to address current environmental concerns. The Environmental Science minor explores a wide range of scientific inquiry associated with the physical and social sciences.

WHAT YOU'LL LEARN

- An understanding of ecological and climatological issues
- An appreciation for the biological aspects of the environment
- Historical, political and sociological aspects of environmental issues

EXPERIENTIAL LEARNING OPPORTUNITIES

Through EVS 493 (Directed Independent Readings), EVS 495 (Directed Independent Study) and EVS 497 (Directed Independent Research), students can arrange with individual faculty members to pursue subjects not covered in course offerings, to pursue specific subjects in depth or to gain experience in scientific research work. Students may also receive EVS 480 (Internship in Environmental Science) credits for intern work in the public or private sector.

Important supplements to Creighton course work are summer activities, which provide interesting experiences and help in career development. They also demonstrate purpose and help in establishing contacts that can be beneficial in applying to professional and graduate schools.

Examples of appropriate summer experiences are jobs in laboratories, consulting companies, national parks, zoos or field sites. Students can also do volunteer work in the same type of institutions. Students interested in pursuing research with EVS Faculty during the summer are encouraged to investigate the College's Summer Research Fellowships. The application process for these fellowships is normally early in the spring semester, and requires a faculty sponsor.

CAREER OUTLOOK

This major is designed to produce well-rounded scientists with both the background and the problem solving skills necessary to enter graduate degree programs or gain employment in diverse environmental careers. Graduates are prepared for work in government agencies, environmental consulting firms, and businesses concerned with environmental affairs. Pre-professional students also pursue graduate study in law, public policy, urban planning or environmental health and medicine.

CAREER OUTCOMES

Employment Opportunities

A bachelor's degree in environmental science from Creighton opens the door to a variety of careers:

- Natural Resources Specialist, US Army Corps of Engineers
- Sustainability Manager, Ball Corporation
- Nebraska State Park Superintendent
- Leed Green Associate, Chicago Botanic Gardens
- Marine Mammal Intern, Walt Disney World
- Geotechnical Analyst, Terracon Consulting
- Geospatial Professor, Georgia Southern University
- Research and Development Technician, Valmont Irrigation Industries

Graduate Studies

- Colorado School of Mines
- University of Notre Dame
- Iowa State University
- University of California - Los Angeles
- University of Hawaii
- University of Wisconsin-Madison
- University of Wyoming
- Virginia Tech
- University of Georgia

ENVIRONMENTAL SCIENCE TRACKS

Three tracks and two minors are available through the department.

Bachelor of Science (B.S.EVS) Major in Environmental Science

- Organismal/Population Ecology Track
- Environmental Policy and Society Track
- Global and Environmental Systems Track

For more details on the full curriculum, visit:

<http://catalog.creighton.edu/undergraduate/arts-sciences/environmental-sciences/environmental-science-global-environmental-systems-bsevs/>

CLASSES FOR THE GENERAL TRACK

The following courses are required for all tracks. In addition, the students must choose one track.

EVS 113	Introduction To Atmospheric Sciences	3
EVS 114	Introduction To Atmospheric Sciences Laboratory	1
EVS 355	Environment and Society: Sociological Perspectives	3
EVS 390	Environmental Science	3
EVS 491	Senior Seminar (Students must take this course twice.)	2
EVS 533	Physical Climatology and Climate Change	3
BIO 202	General Biology: Cellular and Molecular	
& BIO 206	and General Biology: Cellular and Molecular Laboratory	4
BIO 201	General Biology: Organismal and Population	
& BIO 205	and General Biology: Organismal and Population Laboratory	4
CHM 203	General Chemistry I	3
CHM 204	General Chemistry I Laboratory	1
CHM 205	General Chemistry II	3
CHM 206	General Chemistry II Laboratory	1

Select an additional fourteen credits for chosen track **14**

Total Credits 45

STUDENT ORGANIZATIONS AND ACTIVITIES

Environmental Science Club

An active Environmental Science Club meets regularly throughout the year. A recent sampling of activities includes guest speakers from off-campus entities focused on environmental careers, field trips to the Henry Doorly Zoo and Fontenelle Forest, and planting events celebrating Earth Day on Campus.

GreenJays

GreenJays is a student organization with the mission of increasing awareness and activism for environmental and sustainability issues. We seek to initiate and facilitate change and discussion regarding these topics here on Creighton University's campus, as well as encourage political advocacy on city-wide, state-wide, nation-wide, and global levels.

Pre-Vet Club

Pre-Vet Club is a place where animal lovers can come together to work with animals while simultaneously expanding their knowledge through service, speakers, presentations, and campus activities. The club is open to Pre-Vet AND Non-Pre-Vet students!