

DISCOVER

Environmental Science

Environmental science is an interdisciplinary field of science. Because the problems that affect the environment are complex, it requires an imaginative approach and a clear understanding of the different areas of science such as chemistry, biology, and physics. You must know how to evaluate both the physical and biological processes and their interactions to show how the environment works. A degree in Environmental Science can prepare you for a career in research, education, environmental law, regulatory compliance, or government. Typically a master's degree is preferred, and is required in the fields of research and teaching.

Career Opportunities

Students graduating with a bachelor's degree in Environmental Science often find themselves in one of two industries: private for-profit, or the government sector. Private industries include lumber and paper, environmental consulting, as well as farming. The government sector includes managing public parks and forests, environmental compliance, and government regulation.

Approximately one fourth of graduates in environmental science will go on to earn a postgraduate degree in environmental sciences, business, agriculture, or biological sciences. A master's degree is required for entry level research and education and a Ph.D. is required for high-level research. A small portion go on to earn a professional degree in law.

Internship and Directed Study Opportunities

As an environmental science major, your chances to gain real world learning experiences through internships and directed studies are very important.

Students at Cottey College participate in internships throughout the year with a variety of businesses, organizations, and non-profit agencies. A successful internship provides students with an opportunity to apply their classroom learning to the workplace.

Employers and graduate schools agree that students who have put classroom concepts and skills to work in a "real world" environment are more realistic and productive than those who have not.

With the assistance of faculty and the transfer and career planning

Get Involved

Want to have fun and develop your leadership skills and your resume at the same time? Then get involved at Cottey College and in the Nevada community.

Cottey College has more than 35 student clubs and organizations in which to be involved. Plus, the Nevada and surrounding community offer an abundance of service opportunities.

Here are a few activities on campus you might consider pursuing as an environmental science major: Explorers Club for the outdoor enthusiast, Students Against a Vanishing Environment (S.A.V.E.) to help preserve the environment, AIDS Activists Coming Together (AACT) to educate themselves and others about AIDS/HIV awareness and prevention.

Activities off campus include: volunteering at the YMCA, Nevada Veterinary Clinic, or with the Red Cross.

coordinator, environmental science majors can find a variety of local and national internship experiences.

Opportunities exist locally to intern with the Nevada Veterinary Clinic, County Health Dept., as well as various health care facilities, non-profit organizations, and government agencies.

Directed study opportunities are available in all disciplines. Under the supervision of faculty, students can pursue academic credit on a topic or project that is related to, but beyond the scope of, regular course offerings.

Directed study topics can be tailored to your interests, whether it is conducting individual scientific research, studying girls' punk music, or conducting advanced computer programming.

SHAPING YOUR OWN DESTINY

Environmental Science(4-Semester Sample Schedule)

Students should consult the catalog of the college to which they plan to transfer for specific requirements in their major. This suggested schedule is designed to provide the Associate in Science degree candidate with the appropriate Cottey College core curriculum and enough coursework in their field to complete the 62 hours required for an A.S. degree. *Schedules may vary based on available classes and interests.*

First Year Fall Semester	Credit Hrs.	First Year Spring Semester	Credit Hrs.
ENG101 English Composition I	3	ENG102 English Composition II	3
MAT103 College Algebra or higher	3 or 4	2nd course in same sci or math CHE104	5
Lab Science CHE103	5	Lab Science* BIO107, 105, 207	
2nd Lab Science BIO101 or 107	4	or more math MAT201,202	4
Electives	0 to 3	Electives	3 to 4
Second Year Fall Semester	Credit Hrs.	Second Year Spring Semester	Credit Hrs.
Physical Activity	1	Physical Activity	1
Fine Art Theory	3	Humanities	3
ECO-HIS-POL	3	Social Science	3
*BIO105, 204	4	*BIO105, 207	4
*PHY201 or other recommended	3-5	*PHY 201, 202 or other recommended	3 to 5
Electives	2 to 3	Electives	1 to 3

* Courses recommended for major

OTHER RELEVANT COURSES THAT ARE ALSO HIGHLY RECOMMENDED AS ELECTIVES:

ANT151 Cultural Anthropology	MAT112 Statistics
BIO105 Botany	PHI103 Ethics
BIO204 Genetics	PHI112 Logic
BIO207 Zoology	POL101 United States Government
CHE221 Organic Chemistry I (also CHE222)	PSY101 General Psychology
ECO201 Macroeconomics (also ECO202)	SOC101 Introductory Sociology
ENG210 Business and Technical Communication	SOC201 Social Problems

Faculty Advising

Preparing a class schedule, investigating majors, and researching transfer institutions can be confusing for a first-year student. At Cottey College, academic advising assists the individual student in clarifying and achieving her educational goals.

Each student is assigned a full-time faculty member as an academic advisor. Together the advisor and student devise a balanced academic program, which encompasses the student's educational

and career ambitions. The advisor reviews all registration decisions, the advisee's academic progress, and suggests transfer and career options.

This personalized approach to student advising allows the student to take responsibility for her own academic program, while tapping into faculty expertise.

For more information contact:
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