



ENVIRONMENTAL STUDIES MAJOR

Associate Professor: D. Schmidt

Contact: Dr. David Schmidt

Phone: (573) 592-3124

Email: David.Schmidt@westminster-mo.edu

The majors in Environmental Science and the Environmental Studies provide students with (a) an understanding of relationships between and within the natural world and constructed environments; (b) the ability to analyze and integrate knowledge from a wide range of disciplines; (c) the ability to communicate across disciplines and collaborate with colleagues to solve problems and address real-world issues; and (d) the basis for careers in environmental fields as well as graduate studies.

The two majors have similar degree requirements but with different emphases. Common to both majors are the internship and the capstone course requirements. Internships, which may be completed on or off campus, allow students to work alongside resource professionals in fields related to the student's career interest. Environmental Assessment (ENV 405) satisfies the capstone requirement. In this class, each student researches, evaluates and presents an environmental issue of his or her choice. This facilitates the integration of knowledge gained in the classroom and during the internship and helps students develop important skills in critical thinking and communication that are essential in environmental careers.

The Environmental Studies major emphasizes political, economic and social/cultural aspects of the human impact on the natural environment, while still grounding students in fundamentals of the natural and earth sciences. Students seeking this major are those interested in working on the policy or administrative side of conservation and natural resource management. Career opportunities include positions in: ecosystem management, sustainable business administration, regional national and international nongovernmental organizations as well as government agencies and departments. Students may also pursue related careers in law, policymaking, education, public health or business.

Given the emphasis the Environmental Studies major places on developing skills necessary for working within the social sciences, the curriculum has been designed to give students broad exposure to courses in these departments. Students should choose carefully, shaping the major to fit their intended area of study as they combine courses in the social sciences and humanities with those in the natural sciences. Both capstone courses--ENV 399 Internship and ENV 405 Environmental Assessment --require students to synthesize the knowledge and skills learned in previous courses, and give students in-depth practice in the field of Environmental Studies.

NOTE: Since the Environmental Studies program is viewed as a broad curriculum, it is strongly suggested that students take a Minor in a related field, such as Biology, Chemistry, Economics, or Political Science. Students cannot major (or minor) in both Environmental Science and Environmental Studies. **Students should pay particular attention to course prerequisites and to required course sequences.** Other courses may be substituted for degree requirements with approval of Environmental Science Faculty. **Students must have a 2.00 grade point average in all courses used to satisfy the major requirements. No more than two (2) grades of D can be counted towards satisfying the major.**

If any substitutions of waivers of requirements are allowed, please list below and initial.

Course #	Title of Course	Hours Completed	Semester Completed	Grade

MAJOR: Environmental Studies

Student's Last Name		First Name	Middle Initial		
Advisor		Date Major Declared			
Course #	Title of Course	Hours Completed	Semester Completed	Grade	
Social Sciences/Humanities Fundamentals (15 hrs.):					
Required Courses (9 hrs.):					
ECN 212	Principles of Microeconomics	3			
LST 205	Mediation and Conflict Resolution	3			
<u>or</u> LST 210	Leadership for Non-Profit Organizations	3			
POL 211	American Government and Politics	3			
<u>or</u> POL 212	Introduction to International Politics	3			
Choose 2 of the following (6 hrs.):					
ECN 334	Economic Development	3			
LST 325	Cross-Cultural Leadership	3			
POL 305	International Law and Organization	3			
POL 301	The American Presidency	3			
<u>or</u> POL 343	United States Congress	3			
POL/SEC 337	Human Rights and Security	3			
TNS 300	Global City	3			
Natural Science Fundamentals (17-18 hrs.):					
Required Courses (14 hrs.):					
ENV 105	Environmental Science	3			
BIO 108	Introduction to Biological Principles	4			
GEO 116	Environmental Geology	4			
GEO 327	Weather and Climate	3			
Choose 1 of the following (3-4 hrs.):					
GEO 330	Applications of Geographic Info. Sys.	4			
ENV 340	Wetlands	3			
ENV 345	Forest Resources & Management	3			
ENV 350	Conservation Biology	3			
BIO/GEO/ENV	Travel Course	4			
Social Sciences/Humanities Core (9 hrs): Choose 3 courses:					
ENV 377	Environmental & Resource Economics	3			
ENV 300	Environmental Literature	3			
PHL 246	Environmental Ethics	3			
REL 324	Religion and the Environment	3			
POL 326	Environmental Politics & Policy	3			
Capstone Experiences: The following courses are required (6 hrs.):					
ENV 399	Internship	3			
ENV 405	Environmental Assessment	3			
		Total Hours for Major	47-48 Hrs.		