

To prepare leaders with an enlightened understanding of our biosphere, with an appreciation for the relationship between humans and the environment, and with the skills needed for vocational opportunities in the fields of environmental policy and science.

Goals

1. Because an understanding of the biosphere requires scientific analysis of biological and physical processes, graduates will demonstrate:
 - a. An understanding of the basic principles of biology, chemistry and the earth sciences.
 - b. An ability to evaluate and interpret scientific data.
 - c. A working knowledge of fundamental laboratory techniques.
2. Because sustainable human activities require an integration of scientific, economic, and social information, graduates will demonstrate:
 - a. An understanding of basic political processes at the local, national and global levels.
 - b. An evolving knowledge of sustainable economic practices.
 - c. An ability to integrate and communicate science and social science data with integrity and reason.
3. Because solutions to environmental challenges must incorporate human values and a deep respect for social equity, graduates will be able to articulate common rights and the dignity shared by all humanity.
4. Because environmental challenges do not acknowledge political or cultural boundaries, graduates will be able to recognize the major physical and cultural gradients around the globe.
5. Because the sustainability of biodiversity, natural resources, and environmental quality will ultimately depend on collaboration between all components of society, graduates will be able to describe local and global examples of cooperation leading to effective solutions.

Major in Environmental Studies with an Area of Concentration

I. Major Program Requirements

AN 218	Introduction to Native American Studies
BI 171-172	Biological Principles I and II
EAS 201	Earth Science
ENWR 337	Creative Writing Genres: Nature Writing
ES 495	Environmental Studies Seminar
ES 496	Internship
ES 498	Environmental Studies Research Paper/Project
MA 207	Elementary Statistics
PHIL 206	Environmental Ethics
PO 330	Topics in Political Theory: Environmental Thought
TH 255	Theology of the Land

II. Plus 1 of the following concentrations

A. Science

CH 101-102	General Chemistry
CH 301	Organic Chemistry
EAS 302	Advanced Earth Science
MA 121-122	Differential and Integral Calculus
PHYS 201-202	Physics I & II
And 1 of the following options:	
Biology-	
BI 300	Genetics
BI 311	Ecology
Chemistry-	
CH 205	Quantitative Analysis
CH 302	Organic chemistry II
Engineering-	

ENVIRONMENTAL STUDIES (Interdepartmental)

JOHN MURPHY FOX, M.A.
D. GRANT HOKIT, PH.D.

Mission

ENGR 313 Hydrology
ENGR 402 Environmental Engineering

B. Community

CH 111 Essentials of Chemistry - General
CH 112 Essentials of Chemistry - Organic & Biochemistry
CO 206 Small Group Communication
CO 308 Communication Ethics
EC 201-202 Principles of Economics
PO 314 Public Administration and Politics
PAD 205 Introduction to Public Administration
SO 101 Introduction to Sociology
And 1 of the following options:
Communications-
CO 280 Gender Communications
CO 360 Communications & Well-Being Policy and Management
BA 375 Fundamentals of Management
PO 306 Data Analysis for Public Policy
Sociology-
SO 215 Contemporary Issues in Rural and Urban Sociology
SO 331 Social Science Research Methods

C. Culture

AN 318 American Indians
CO 325 Intercultural Communication
ENLT 411 Native American Authors
HI 231 Montana and the West
HI 424 History of the Trans-Mississippi West
PHIL 255 Philosophy of Art and Beauty
PHIL 252 Philosophy & History of Science
PO 250 Contemporary Issues in American Politics
TH 209 Christian Social Teachings
And 2 of the following:
ENLT 373 19th Century American Literature
ENLT 363 19th Century British Literature: The Romantics
ENLT 383 20th Century British Literature

Additional Culture requirement: Completion of a modern or classical second language through the intermediate level.

Notes:

- *1. Majors in the areas of concentration of "Science" and "Culture" who have not previously taken science courses are advised to take BI 101 in their first year, and BI 171-172 in their second year.
2. At least 15 additional credits must be taken in upper-level courses.

Minor in Environmental Studies

I. Minor Program Requirements

AN 218 Introduction to Native American Studies
BI 171-172 Biological Principles I and II
BI 311 Ecology
ENWR 337 Creative Writing Genres: Nature Writing
ES 495 Environmental Studies Seminar
PO 330 Topics in Political Theory: Environmental Thought
TH 255 Theology of the Land