

ENVIRONMENTAL SCIENCE MINOR

Minor Code: ENV

Earth Sciences Department

SAMC 160

(716) 878-6731

earthsciences.buffalostate.edu/ (<http://earthsciences.buffalostate.edu/>)

earthsciences.buffalostate.edu/

The environmental science minor is designed to provide a broad base of knowledge in the various natural science disciplines that compose environmental science. The minor gives students the background necessary to understand and evaluate complex environmental issues. The program also provides a basic understanding of the interrelationships of the physical, biological, and human dimensions of the environment.

Program Requirements

Code	Title	Credit Hours
Required Courses (21-23 credit hours)		
<i>Biology (3-4 credit hours)</i>		3-4
BIO 104	ENVIRONMENTAL BIOLOGY	
or BIO 213	INTRODUCTION TO ECOLOGY, EVOLUTION, AND BEHAVIOR	
<i>Physical Environment (3 credit hours)</i>		3
GEG 101	WORLD NATURAL ENVIRONMENTS	
or GES 101	INTRODUCTORY GEOLOGY	
<i>Seminar (3 credit hours)</i>		3
ENS 300	ENVIRONMENTAL CASE STUDIES	
<i>Society and Policy (3 credit hours)</i>		3
Select one from the following:		
ANT 367	CULTURE AND ECOLOGY	
ECO 355	THE ECONOMICS OF ENERGY AND THE ENVIRONMENT	
HIS 330	U.S. ENVIRONMENTAL HISTORY	
PSC 305	ENVIRONMENTAL POLICY	
PSY 370	ENVIRONMENTAL PSYCHOLOGY I	
SOC 353	ENVIRONMENT AND SOCIETY	
<i>Human Impact in the Environment (3 credit hours)</i>		3
Select one from the following:		
ENS 100	URBAN ENVIRONMENTAL SCIENCE	

GES 123	ENVIRONMENTAL EARTH SCIENCE	
SCI 231	POLLUTION, THE ENVIRONMENT, AND SOCIETY	
<i>Environmental Science (6-7 credit hours)</i>		6-7
Select two from the following: ¹		
BIO 315	ECOLOGY	
CHE 315	ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY	
GEG 307	CONSERVATION AND ENVIRONMENTAL MANAGEMENT	
GEG 365	SOIL SCIENCE AND MANAGEMENT	
GEG 375	PRINCIPLES OF HYDROLOGY	
GEG 386	WEATHER AND SOCIETY	
GEG 421	WATERSHED ANALYSIS	
GEG 478	GLOBAL CHANGE	
GES 350	ENVIRONMENTAL GEOCHEMISTRY	
GES 452	HYDROGEOLOGY	
GES 460	ENVIRONMENTAL FIELD METHODS	
PLN 360	ENVIRONMENTAL IMPACT ASSESSMENT	
Total Credit Hours		21-23

1

In this category, students may also choose one environmentally related internship (488), independent project (495), or independent study (499) in one of the following departments: Biology, Chemistry, Earth Science and Science Education, Geography and Planning.