

ENVIRONMENTAL SCIENCE MINOR

Minor Code: ENV

Geosciences Department

160 Science and Math Complex

(716) 878-6731

geosciences.buffalostate.edu/ ([http://](http://geosciences.buffalostate.edu/)

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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
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Required Courses (21-23 credit hours)

<i>Biology (3-4 credit hours)</i>		3-4
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BIO 104	ENVIRONMENTAL BIOLOGY	
or BIO 213	INTRODUCTION TO ECOLOGY, EVOLUTION, AND BEHAVIOR	

<i>Physical Environment (3 credit hours)</i>		3
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GEG 101	WORLD NATURAL ENVIRONMENTS	
or GES 101	INTRODUCTORY GEOLOGY	

<i>Seminar (3 credit hours)</i>		3
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ENS 300	ENVIRONMENTAL CASE STUDIES	
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<i>Society and Policy (3 credit hours)</i>		3
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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
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Select one from the following:

ENS 100	URBAN ENVIRONMENTAL SCIENCE	
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GES 123	ENVIRONMENTAL EARTH SCIENCE	
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SCI 231	POLLUTION, THE ENVIRONMENT, AND SOCIETY	
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<i>Environmental Science (6-7 credit hours)</i>		6-7
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Select two from the following: ¹

BIO 315	ECOLOGY	
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CHE 315	ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY	
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GEG 307	CONSERVATION AND ENVIRONMENTAL MANAGEMENT	
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GEG 365	SOIL SCIENCE AND MANAGEMENT	
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GEG 386	WEATHER AND SOCIETY	
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GEG 421	WATERSHED ANALYSIS	
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GEG 478	GLOBAL CHANGE	
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GES 350	ENVIRONMENTAL GEOCHEMISTRY	
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GES 452	HYDROGEOLOGY	
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GES 460	ENVIRONMENTAL FIELD METHODS	
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Total Credit Hours		21-23
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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.