

ENVIRONMENTAL SCIENCE AND SOCIETY, UNDERGRADUATE CERTIFICATE

Program Code: UGCT-AS
Cert Code: EVI

Environmental Studies Interdisciplinary Unit (ESIU)

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environmentalstudies.buffalostate.edu/ (<https://environmentalstudies.buffalostate.edu/>)

The Environmental Science and Society certificate will enhance the preparation of students for careers in the environmental field. Students will learn to use problem-oriented, interdisciplinary approaches to recognize, comprehend and resolve complex environmental issues. Coursework will address the ethical, social, and historical context for environmental issues and the associations between human and natural systems.

Program Requirements

Code	Title	Credit Hours
Required Courses (12-13 credit hours)		12-13
GEG 101	WORLD NATURAL ENVIRONMENTS	
	or GES 12 ENVIRONMENTAL EARTH SCIENCE	
BIO 104	ENVIRONMENTAL BIOLOGY	
	or BIO 213 INTRODUCTION TO ECOLOGY, EVOLUTION, AND BEHAVIOR	
PHI 113	ENVIRONMENTAL ETHICS	
ENS 300	ENVIRONMENTAL CASE STUDIES	
Electives (6-7 credit hours)		6-7
<i>Environmental Science</i>		
Select one from the following:		
BIO 315	ECOLOGY	
CHE 315	ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY	
GEG 307	CONSERVATION AND ENVIRONMENTAL MANAGEMENT	
GEG 478	GLOBAL CHANGE	
GES 350	ENVIRONMENTAL GEOCHEMISTRY	
GES 460	ENVIRONMENTAL FIELD METHODS	

Environment and Society

Select one from the following:

ANT 307	URBAN ANTHROPOLOGY
ANT 335	ETHNOPRIMATOLOGY
ANT 367	CULTURE AND ECOLOGY
ECO 312	URBAN ECONOMICS
ECO 355	THE ECONOMICS OF ENERGY AND THE ENVIRONMENT
ENG 247	NATURE WRITING
HIS 330	U.S. ENVIRONMENTAL HISTORY
HIS 413	LATIN AMERICAN ENVIRONMENTAL HISTORY
PSC 305	ENVIRONMENTAL POLICY
PSY 370	ENVIRONMENTAL PSYCHOLOGY I
SOC 353	ENVIRONMENT AND SOCIETY

Total Credit Hours **18-20**