

Environmental Studies with **Environmental Public Policy** Concentration
(Department of Biological Sciences)

Major Requirements

<u>Core Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
[BIOL 160] Molecular and Cellular Biology	4	_____
[BIOL 161] Animal Form and Function	3	_____
[BIOL 162] Plant Form and Function	3	_____
[BIOL 260] Genetics and Development	3	_____
[BIOL 262] Ecology and Adaptation	4	_____
[BIOL 271] Ecological Field Techniques	2	_____
[BIOL 274] Environmental Science	3	_____
[BIOL 315] Environmental Ethics	3	_____
<i>Seven to eight credits of approved electives chosen from the following: 7-8</i>		
[BIOL 290] Topics in Field Biology (3)		_____
[BIOL 321] Mycology (4)		_____
[BIOL 332] Plant Taxonomy (4)		_____
[BIOL 334] Plant Ecology (4)		_____
[BIOL 356] Ornithology (4)		_____
[BIOL 358] Herpetology (4)		_____
[BIOL 362] Aquatic Biology (4)		_____
[GIS 245] Introduction to Geographic Information Systems (3) 300- or 400-level AuSable Institute or Temple University (4)		_____
[BIOL 495] Capstone: Natural Sciences	3	_____
[CHEM 110] Chemical Science	4	_____
[ENGL 174] Literature and the Environment	3	_____
<i>One of the following:</i>	3	_____
PHIL 101 Problems in Philosophy (3)		
PHIL 102 History of Philosophy (3)		
STAT 269 Introductory Statistics	3	_____
<u>Environmental Public Policy Concentration</u>		
ECON 117 Issues in Environmental Economics	3	_____
POLI 113 American Government	3	_____
POLI 212 International Politics	3	_____
POLI 213 Comparative Politics	3	_____
POLI 243 Political Research Methods	3	_____
POLI 323 Public Policy	3	_____
<i>Six credits from the following:</i>	6	_____
POL SCI 3152 U.S. Environmental Policy (3)*		_____
POL SCI 3265 International Environmental Policy (3)*		_____
POLI 495 Internship in Political Research (6)**		_____
American Studies Program - Washington, D.C. (6)		_____

NOTE: A minimum of 18 credits from the core and concentration combined must be at the 300-level or higher

*Courses taken at the Messiah College-Philadelphia Campus in conjunction with Temple University.

**POLI 495 Internship must have an environmental focus.

General Education requirements on reverse side

Revised June 2008

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General Education Requirements

<u>Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
First Year Seminar	3	_____
Oral Communications	3	_____
Created and Called for Community	3	_____
Mathematical Sciences ([STAT 269])	3 or 4	<u>met by major</u>
Laboratory Science ([BIOL 160] , [BIOL 161] , [BIOL 162] , or [CHEM 110])	3 or 4	<u>met by major</u>
Science, Tech & World ([BIOL 274])	3	<u>met by major</u>
Two of the Following:		
Social Science (3 credits – [ECON 117] or [POLI 113])	3	<u>met by major</u>
European History (3 credits)	3	_____
United States History (3 credits)	3	_____
Literature ([ENGL 174])	3	<u>met by major</u>
Philosophy and Religion ([PHIL 101] or [PHIL 102])	3	<u>met by major</u>
Arts	3	_____
Language/Cross Cultural		
First Level of Language	3	_____
Second Level of Language	3	_____
Third Level of Language or Cross Cultural	3	_____
Non-Western Studies	2 or 3	_____
Bible	3	_____
Christian Beliefs	3	_____
Health and Physical Fitness		
Introduction to Wellness	2	_____
Activity Course	1	_____
One of the following:	3	
Ethics (3 credits - BIOL 315)		<u>met by major</u>
World Views (3 credits)		_____
Pluralism in Contemporary Society (3 credits)		_____
Writing Enriched Course		_____

SUMMARY OF DEGREE REQUIREMENTS:

General Education	35
Core Requirements	48-49
Concentration Requirements	24
Free Electives	15-16
Total	123

Major requirements on reverse side