

**EDINBORO UNIVERSITY OF PENNSYLVANIA**  
**CURRICULUM REQUIREMENTS**  
 Bachelor of Science  
**Major: Geology**  
**Concentration: Environmental Geology (0440)**

Student: \_\_\_\_\_

ID#: @ \_\_\_\_\_

Term: \_\_\_\_\_

**I. GENERAL EDUCATION (43-44 SH)**

SH    Grade    Date

**A. Skills (12-13 SH)**

ENGL101	College Writing Skills	3	_____	_____
ENGL102	Writ/Research Skills	3	_____	_____
MATH211 or STAT260		4 or 3	_____	_____
GEOG413	Geographic Info Systems	3	_____	_____

**B. Core (22 SH)**

<b>1</b>	<b>Artistic Expression</b>	<b>(3 SH)</b>	_____	_____
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<b>2</b>	<b>World Civilizations</b>	<b>(3 SH)</b>	_____	_____
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<b>3</b>	<b>American Civilizations</b>	<b>(3 SH)</b>	_____	_____
	GEOG245 Conserv. Nat. Res	3	_____	_____
<b>4</b>	<b>Human Behavior</b>	<b>(3 SH)</b>	_____	_____
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<b>5</b>	<b>Cult Div. &amp; Social Plur</b>	<b>(3 SH)</b>	_____	_____
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<b>6</b>	<b>Ethics</b>	<b>(3 SH)</b>	_____	_____
	GEOG145 Environ Issues	3	_____	_____
<b>7</b>	<b>Natural Science</b>	<b>(4 SH)</b>	_____	_____
	PHYS201 Physics I	4	_____	_____

**C. Distribution (9 SH)**

<b>1</b>	<b>Humanities &amp; Fine Arts</b>	<b>(3 SH)</b>	_____	_____
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<b>2</b>	<b>Soc &amp; Behav Sciences</b>	<b>(3 SH)</b>	_____	_____
	GEOG305 Cartography	3	_____	_____
<b>3</b>	<b>Science &amp; Math</b>	<b>(3 SH)</b>	_____	_____
	BIOL102 Environ. Biology	3	_____	_____

**THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.**

**Note:** At least 42 semester hours must consist of advanced coursework.

(Revised: October 2017; Approved: May 2018)  
 (Effective: Summer 2018)

**II. GEOLOGY MAJOR (60 SH)**

SH    Grade    Date

**A. Required Geology Courses (32 SH)**

GEOS101	Dynamic Earth	3	_____	_____
GEOS112	Principles of Earth History	3	_____	_____
GEOS375	Environmental Geology	3	_____	_____
GEOS505	Soil Geomorph	3	_____	_____
GEOS521	Strat./Sediment.	4	_____	_____
GEOS525	Field Studies	3	_____	_____
GEOS531	Structural Geology	4	_____	_____
GEOS541	Geomorphology	3	_____	_____
GEOS545	Hydrogeology	3	_____	_____
GEOG545	Environmental Planning	3	_____	_____

**B. Geoscience Electives (13 SH)**

Select at least 13 additional semester hours from the following:

GEOS303	Climate Science	_____	_____	_____
GEOS311	Mineralogy	_____	_____	_____
GEOS320	Meteorology I	_____	_____	_____
GEOS321	Meteorology II	_____	_____	_____
GEOS410	Applied Geophysics	_____	_____	_____
GEOS430	Geol. of Energy Resources	_____	_____	_____
GEOS507	Quaternary Geology	_____	_____	_____
GEOS513	Petrology	_____	_____	_____
GEOS522	Regional Geology	_____	_____	_____
GEOS523	Invertebrate Paleontology	_____	_____	_____
GEOS593	Seminar in Earth Science	_____	_____	_____
GEOG425	Geography of Water Resources	_____	_____	_____
Other GEOG 311+ level courses				

**C. Related Science Requirements (12 SH)**

CHEM240	Principles of Chemistry I	4	_____	_____
Choose two of the following:				
CHEM241	Principles of Chemistry II	4	_____	_____
MATH212	Analyt. Geom/Calc II	4	_____	_____
PHYS202	Physics II	4	_____	_____

**D. Capstone Experience (3 SH)**

Choose at least one of the following:				
GEOS395	Internship in Earth Science	3	_____	_____
GEOS581	Geology Field Camp	3	_____	_____
GEOS495	Res. Experience in Geos	3	_____	_____

**III. FREE ELECTIVES (16-17 SH)**

SH	Grade	Date
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**TOTAL (120 SH)**