

Slippery Rock University of Pennsylvania - Curriculum Guide

Bachelor of Science in Environmental Geoscience – Geology Track

LIBERAL STUDIES REQUIREMENTS (48-49 credits) See Liberal Studies Guide for Goal and Enrichment choices

GOAL COURSE REQUIREMENTS Complete Goal requirements as indicated below (39-40)

✓	Course	Title	Cr	Gr
Basic Requirements -- ENGL101&103 required if student entered SRU prior to Fall 2011. ENGL102 required if student entered SRU Fall 2011 forward.				
	ENGL 101 and ENGL 103 or ENGL 102	College Writing I and College Writing II or College Writing	3 3 3	
	COMM 200	Public Speaking★	3	
	ENGL 210	Interpreting Literature★	3	
The Arts				
	Goal		3	
Global Community				
	Goal – Non-US		3	
	Goal – Non-US		3	
	Goal - US		3	
Human Institutions/Interpersonal Relationships				
	Goal		3	
Science, Technology & Math				
	PHYS 211	General Physics I ★◇	3	
	CHEM 107	Chemistry I ★◇	3	
	CHEM 111	Chemistry I Lab ★◇	1	
	MATH 225	Calculus I ★◇	4	
Challenges of the Modern Age				
	Goal		3	

ENRICHMENT COURSE REQUIREMENTS Choose one course from three of the following Enrichment areas (9 credits)

The Arts Enrichment				
Global Community Enrichment				
Human Institutions/Interpersonal Relationships Enrichment				
Science, Technology & Math				
	MATH 230	Calculus II ★◇	4	

COLLEGE OF HEALTH, ENVIRONMENT AND SCIENCE REQUIREMENTS (11 credits – 4 included in LS – ST&M)

	PHYS 211	General Physics I ★◇	3	
	CHEM 107	Chemistry I ★◇	3	
	CHEM 111	Chemistry I Lab ★◇	1	
	MATH 225	Calculus I ★◇	4	

COMPUTER COMPETENCY (for students entering Fall 2008 and after) Students must demonstrate "computer competency" by:

	Passed Exam	Pass Computer Competency Exam at SRU Orientation		
OR	CPSC _____	Complete one of the following courses: CPSC 100, 110, 130 or 210 at SRU or another post-secondary institution	1-3	

OTHER BASIC REQUIREMENTS

Check with your advisor or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

	ACSD 110	Beginning Algebra	3	
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MAJOR REQUIREMENTS (20 credits)

✓	Course	Title	Cr	Gr
Core (13 credits)				
	EGEO 101	Physical Geology	3	
	EGEO 201	Earth Materials and Processes ★	3	
	EGEO 202	Earth History★	3	
	EGEO 203	Quantitative Methods★	3	
	EGEO 212	Earth History Lab ★	1	
Required Related Courses (7 credits)				
	CHEM 108	General Chemistry II★◇	3	
	CHEM 112	General Chemistry II Lab★◇	1	
	PHYS 212 or PHYS 213	General Physics II /Lab★◇ or General Physics III/Lab★◇	4 3	

GEOLOGY TRACK REQUIREMENTS (42 credits)

Core Program Requirements (22 credits)				
	EGEO 271	Geotechniques: Lab	2	
	EGEO 272	Geotechniques: Geologic Rpts ★	1	
	EGEO 303	Concepts of Evol & the Fossil Record★	3	
	EGEO 304	Paleontology Lab★	1	
	EGEO 327	Structural Geology★	3	
	EGEO 351	Mineralogy/Lab★	4	
	EGEO 352	Petrology/Lab★	4	
	EGEO 362	Stratigraphy★	3	
	EGEO 482	Senior Seminar★	1	
Electives - Choose 9 credits (9 credits)				
	EGEO 241	Geomorphology ★	3	
	EGEO 242	Glacial Geology ★	3	
	EGEO 323	Planetary Geology★	3	
	EGEO 328	Plate Tectonics★	3	
	EGEO 360	Introduction to Hydrology★	3	
	EGEO 448	X-ray Spectrometry★	3	
	EGEO 451	Geochemistry★	4	
	EGEO 453	Geotechniques – Geochemistry ★	1	
	EGEO 460	Hydrogeology★	3	
	EGEO 469	Field Investigations in Geoscience	1-3	
	EGEO 476	Geotechniques: Geophysics ★	1	
	EGEO 498	Selected Topics	1-3	
Field Camp (4 credits minimum at an acceptable field station)				
	EGEO 399	Field Camp	4 min.	
Related Courses (7 credits)				
	GES 325 or GES 410	Intro to Geographic Info Science★ or Remote Sensing	3	
	MATH 230	Calculus II★◇	4	

IMPORTANT CURRICULUM GUIDE NOTES

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisors to ensure accurate progress towards degree completion. *The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.*

* Indicates this course may have a prerequisite. Refer to catalog.

◇ Indicates this course may count as a Major Requirement and a Liberal Studies Requirement, but you will only receive credit once towards your 120 credit total.

QPA REQUIREMENT
2.0 or higher Major QPA
2.0 or higher Overall QPA

Internship requires a 2.75 QPA in Major and Overall



**ENVIRONMENTAL GEOSCIENCE – BS
GEOLOGY TRACK**
Effective Fall 2010 to present
Enrollment Services
Revised 9-2011

Student's Name: _____

Advisor's Name: _____

Date: _____