

Slippery Rock University of Pennsylvania - Admissions Curriculum Guide

Bachelor of Science in Environmental Geoscience – Track in Geology

LIBERAL STUDIES REQUIREMENTS (52 credits) See Liberal Studies Guide for Goal and Enrichment choices				
GOAL COURSE REQUIREMENTS				
Complete Goal requirements as indicated below (42 Credits)				
✓	Course	Title	Cr	Gr
Basic Requirements				
	ENGL 101	College Writing I	3	
	ENGL 103	College Writing II★	3	
	COMM 200	Public Speaking ★	3	
	ENGL 210	Interpreting Literature★	3	
The Arts				
	Goal		3	
Global Community				
	Goal		3	
	Goal		3	
	Goal -US		3	
Human Institutions/Interpersonal Relationships				
	Goal		3	
Science, Technology & Math				
	PHYS 211	Physics I/Lab ★◇	4	
	CHEM 107/111	Chemistry I / Lab★◇	3	
	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. (10 Credits)				
The Arts Enrichment				
Global Community Enrichment				
Human Institutions/Interpersonal Relationships Enrichment				
Science, Technology & Math				
	MATH 230	Calculus II★	4	
ELECTIVES (14 credits)				

MAJOR REQUIREMENTS (55 credits)				
✓	Course	Title	Cr	Gr
Core (10 credits)				
	EGEO 101	Physical Geology	3	
	EGEO 111	Physical Geology Lab★	1	
	EGEO 102	Historical Geology★	3	
	EGEO 112	Historical Geology Lab★	1	
	EGEO 281	Quantitative Methods	2	
Required Related Courses (7 credits)				
	CHEM 108	General Chemistry II★◇	3	
	CHEM 112	General Chemistry II Lab★◇	1	
	PHYS 213	General Physics III★★◇	3	
Geology Track Requirements (42 credits)				
Core (22 credits)				
	EGEO 271	Geotechniques: Lab	2	
	EGEO 272	Geotechniques: Geological Reports★	1	
	EGEO 303	Concepts of Evol & the Fossil Record★	3	
	EGEO 304	Paleontology Lab★	1	
	EGEO 327	Structural Geology★	3	
	EGEO 351	Mineralogy★	4	
	EGEO 352	Petrology★	4	
	EGEO 362	Sedimentation and Stratigraphy★	3	
	EGEO 482	Senior Seminar★	1	
Electives – Choose courses to total 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 476	Geotechniques: Geophysics★	1	
	EGEO 498	Selected Topics	1-3	
Field Camp (minimum of 4 credits)				
4 credits minimum at an acceptable field station				
Related Courses (3 credits)				
	G&ES 325	Introduction to GIS★	3	
	G&ES 410	Remote Sensing★		
	MATH 230	Calculus II★	0	

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 My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use My Rock Audit 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 and Liberal Studies Requirement.
 - ♣ Student may substitute PHYS 212 – General Physics II ★◇ for PHYS 213 – General Physics III ★◇
- Note: All degrees require a minimum of 48 credits of upper level coursework (39 credits at the 300-400 level; 9 credits may come from 100-200 level courses that require a 3-credit prerequisite) and at least half of the major (20 credits minimum) in upper division courses

Students must demonstrate "computer competency by:

1. Transferring the equivalent of SRU's CPSC 110, 130, or 210
2. Passing a Computer Competency Exam at SRU
3. Successfully completing one of the above courses or CPSC100

Student's Name: _____

Counselor's Name: _____

Date: _____

Notations:



unofficial