

Slippery Rock University of Pennsylvania – Curriculum Guide
Bachelor of Science in Geography
Concentration in Environmental Studies and Sustainability
FRESHMAN ENTERING ON OR AFTER FALL 2019

ROCK STUDIES REQUIREMENTS (42-44 Credits)		
Course	Title	Cr
THE ROCK (15 credits)		
[DEPT] 139	University Seminar	3
ENGL 102	Critical Writing	3
ENGL 104	Critical Reading	3
COMM 200 or PHIL 110 or POLS 235	Civil Discourse Ethics and Civil Discourse Civil Discourse and Democracy	3
STAT 152	Elementary Statistics I	3
INTEGRATED INQUIRY (15-17 credits)		
Creative and Aesthetic Inquiry (3 credits)		
Humanities Inquiry (3 credits)		
Social Science Inquiry (3 credits)		
Natural Sciences Inquiry (3-4 credits)		
SCI 101 or CHEM 1xx or BIOL 1xx	Science of Life or 100 Level Chemistry & Lab or 100 Level Biology & Lab	3 3-4 3-4
Physical Sciences Inquiry (3-4 credits)		
SCI 102 or EGEO 1xx	Understanding the Physical World or 100 Level Environmental Geoscience & Lab	3 3-4
THEMATIC THREAD (12 credits)		
Choose 12 credits (from at least 3 Categories; no more than 6 credits from one department; 6 credits must be 300-level or above)		

COMPUTER COMPETENCY		
Students must demonstrate "computer competency" by:		
Passed Exam	Pass Computer Competency Exam at SRU	3
OR		
CPSC ____	Complete one of the following courses: CPSC 100, 110, 130, or PE202 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

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.

★	Course may have a prerequisite. See Undergraduate Online Catalog.
◇	Course can be counted as a Rock Studies Requirement, but earns credit only once toward your 120-credits total.
^	Course counts for 50% of Major requirements and Major GPA
~	Course counts for 50% of Major requirements but not for Major GPA
PASSHE = Pennsylvania State System of Higher Education Institution	

MAJOR REQUIREMENTS (56-58 credits)		
<ul style="list-style-type: none"> 28 major credits must be taken at SRU or PASSHE 28 major credits must be taken at the 300 level or above 		
Course	Title	Cr
Core (12 credits)		
GES 150^	The Natural Environment	3
GES 205^	Cultural Geography	3
GES 315^	Cartography I ★	3
GES 331^	Economic Geography	3
Techniques Core (10 credits)		
GES 115^	Intro to Geospatial Technology	3
GES 220^	General Methods of Field Work ★	3
GES 325^	Intro to Geographic Info Science ★	3
EGEO 272^	Introduction to Georeports ★	1
Environmental Studies Core		
Introductory Course – Select 1 (3 credits)		
BIOL 1~	Any BIOL 100 level course	3-4
EGEO 1~	Any EGEO 100 level course	3-4
GES 135^	Environmental Problems	3
Additional Environmental Studies Core Courses (12 credits)		
GES 235^	Conservation ★	3
GES 324^	Environmental Law and Policy	3
GES 362^	Applications of Sustainability	3
Plus choose one elective from the following (3 credits)		
GES 344^	Environmental Justice	3
PHIL 324^	Environmental Ethics	3
Capstone Experience – Select 1 (3 credits)		
GES 444^	World Environmental Cultures	3
GES 469^	Field Investigations	3
A critical understanding of Community through 40 hours of Service Learning		
SERVICE	Service Learning	
ELECTIVES – Additional 16-18 credits (at least one course from each block, at least five courses must be 300 level or above)		
Environment		
BIOL 104^	Principles of Biology/Lab ◇	4
BIOL 105^	Environmental Biology ◇	3
BIOL 120^	Practical Botany ◇	3
BIOL 305^	Wetlands and Aquatic Plants/Lab★	3
BIOL 306^	Freshwater Biomonitoring/Lab★	3
BIOL 401^	Ecology/Lab★	3
EGEO 121^	Meteorology/Lab ◇	4
EGEO 131^	Oceanography ◇	3
EGEO 3~,4~	Any EGEO 300/400 level course	3
ENGL 410^	Literature of the Environment	3
GES 321	Introduction to UAS★	3
GES 355^	Earth's Changing Climate	3
GES 356^	Earth's Changing Climate Lab★	1
GES 426^	Environmental Modeling★	3
PCRM 348^	Natural History of Ecosystems I★	3
PCRM 349^	Natural History of Ecosystems II★	3
Planning		
BUSA/ECON 315^	Economics of Sustainable Dev★	3
GES 215^	Planning for Sustainable Communities	3
GES 345^	Population Analysis	3
GES 363^	Energy and Society	3
GES 410^	Remote Sensing	3
GES 415^	Cartography II★	3
GES 425^	Adv Geographic Information Systems★	3
HEMT 210^	Ecotourism	3
HEMT 314^	Sustainable Planning for Tourism★	3
PCRM 377^	Cultural Resources Management	3
Community		
GES 344^	Environmental Justice	3
GES 361^	Gender and the Environment★	3
GES 375^	Geography of Intolerance	3
EGEO 368^	Women in Science	3
HLTH 311^	International Health	3

GPA REQUIREMENT
2.00 or higher Major GPA
2.00 or higher Overall GPA

Community (Continued)		
INDP 120^	Civic Engage/Comm Decision-Makg	3
INDP 220^	Introduction to Nonprofit Management	3
INDP 304^	Urban Sociology	3
INDP 309^	Health and Society	3
INDP 320^	Community Change & Development	3
PHIL 324^	Environmental Ethics	3

ELECTIVES		

Co-curricular and Experiential Learning	
Students are encouraged to explore additional curricular and co-curricular opportunities. There is a strong correlation between long-term student success and participation in the following types of programs and activities:	
1.	International study programs (short-term, semester, and year-long)
2.	Student-faculty research
3.	Service-learning classes
4.	Internships
5.	Volunteering