Slippery Rock University of Pennsylvania - Curriculum Guide
Bachelor of Science in Geography
Concentration in Environmental Studies and Sustainability

LIBERAL STUDIES REQUIREMENTS (45-46 credits)
See Liberal Studies Guide for Goal and Enrichment choices

GOAL COURSE REQUIREMENTS
Complete Goal requirements as indicated below (36-37 credits)

Basic Requirements (9 credits)
- ENGL 102 Critical Writing
- ENGL 104 or ENGL 220 Critical Reading or Intro to Literary and Cultural Studies
- COMM 200 Public Speaking

The Arts (3 credits)
- Goal

Global Community (9 credits)
- Goal – Non-US
- Goal – US

Human Institutions/Interpersonal Relationships (3 credits)
- Goal

Science, Technology & Math (9-10 credits)
- Goal – Sci
- Goal – Math
- Lab – Sci
- Goal – Math

Challenges of the Modern Age (3 credit)
Choose one course from three of the following Enrichment areas (9 credits)

ENRICHMENT COURSE REQUIREMENTS
- Goal

COMPUTER COMPETENCY
Students must demonstrate “computer competency” by:
- Passed Exam: Pass Computer Competency Exam at SRU
- OR: CPSC Complete one of the following courses: CPSC 110, 113, 130, or PE 202 at SRU or another post-secondary institution

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.
- ACSC 110 Beginning Algebra

MAJOR/CONCENTRATION REQUIREMENTS (54-56 credits)
- 27 major credits must be taken at SRU or PASSHE
- 27 major credits must be taken at the 300 level or above

Basic Core (15 credits)
- GES 150^ The Natural Environment
- GES 205^ Cultural Geography
- GES 315^ Cartography
- GES 331^ Economic Geography
- GES 362^ Principles of Sustainability

Techniques Core (6 credits)
- GES 115^ Map Reading and Interpretation
- GES 220^ General Methods of Field Work
- GES 325^ Intro to Geographic Information Science
- E GEO 272^ Introduction to Georeports

Environmental Studies Core (12 credits)
- GES 135^ Intro to Environmental Problems
- GES 235^ Conservation
- GES 324^ Environmental Law and Policy
- PHIL 324^ Environmental Ethics

Capstone Experience (3 credits)
- GES 444^ World Environmental Cultures
- E GEO/GES 489^ Field Investigations in the Geosciences
- GES 489^ Field Studies

NATURAL AND SOCIAL SCIENCE AREAS
(at least five courses must be 300 level or above)
Geography Electives - Natural Science (10-12 credits)
- E GEO 121^ Meteorology/Lab
- E GEO 131^ Oceanoigraphy
- E GEO 201^ Earth Materials and Processes/Lab
- E GEO 340^ Air Pollution Meteorology
- E GEO 341^ Geomorphology
- E GEO 360^ Introduction to Hydrology
- ENVS 311^ Environmental Monitoring and Sampling
- GES 355^ Earth’s Changing Climate
- GES 356^ Earth’s Changing Climate Lab
- GES 410^ Remote Sensing
- GES 426^ Environmental Modeling

Geography Electives – Social Science (6 credits)
- GES 215^ Planning for Sustainable Communities
- GES 305^ Environmental Economic Geography
- GES 344^ Environmental Justice
- GES 345^ Population Analysis
- GES 361^ Gender and the Environment
- GES 363^ Energy and Society
- GES 375^ Geography of Intolerance
- ENGL 410^ Literature of the Environment
- ECON 315^ Economics of Sustainable Development

40 Service Learning Hours are Required
- SERVICE Service Learning

ELECTIVES

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 both a Major and a Liberal Studies Requirement, but earns credit only once toward your 120 credits total.
Course counts for 50% of Major requirements and Major GPA.
PASSHE = Pennsylvania State System of Higher Education Institution

GEOGRAPHY – BS (6142)
Concentration in Environmental Studies & Sustainability (ESSU)
Effective Fall 2014
Enrollment Management
Revised 05-2018