Students are responsible for curriculum requirements at the time of enrollment towards degree completion. Enrolled SRU students should use the My Rock Audit Report and understand their intended major curriculum. Enrolled SRU students should note that the OR Science, Technology & Math
The Arts
Human Institutions/Interpersonal Relationships
Goal Community
Global Community
Human Institutions/Interpersonal Relationships
Science, Technology & Math
Goal
Choose one course from three of the following Enrichment areas (9 credits)
The Arts
Global Community
Human Institutions/Interpersonal Relationships
Science, Technology & Math
Recommended
MATH 252~ Intro to Statistical Modeling

COLLEGE OF HEALTH, ENVIRONMENT AND SCIENCE REQUIREMENTS (41 credits)
CHEM 107 General Chemistry I
CHEM 111 General Chemistry Lab
MATH 225 Calculus I
PHYS 211 General Physics I/Lab

ELECTIVES

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 100, 110, 130, or PE 202 at SRU or another post-secondary institution

OTHER BASIC REQUIREMENTS (3 credits)
ACSD 110 Beginning Algebra

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 Liberal Studies Requirement, but earns credit only once toward your 120-credit 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/CONCENTRATION REQUIREMENTS (59 credits)

Environmental Geoscience Core (15 credits)
EGEO 1~ Any Egeo 100 level course, except Egeo 121 3
EGEO 201~ Earth Materials and Processes/Lab 4
EGEO 202~ Earth History 4
EGEO 203~ Quantitative Methods 3
EGEO 272~ Introduction to Geosports/Lab 1

Environmental Science Core Requirements (21 credits)
EGEO 121~ Meteorology/Lab 4
EGEO 360~ Introduction to Hydrology/Lab 3
EGEO 451~ Geochemistry/Lab 4
BIOL 357~ Environmental Microbiology / Lab 4
BIOL 401~ Ecology/Lab 3
GES 324~ Environmental Law and Policy 3

Electives - Environmental Science (7 credits)
BIOL 306~ Wetlands and Aquatic Plants/Lab 3
CHEM 306~ Freshwater Bionmonitoring/Lab 3
CHEM 340~ Air Quality Assessment/Lab 4
CHEM 370~ Water Quality Assessment/Lab 4
EGEO 340~ Air Pollution Meteorology/Lab 3
EGEO 341~ Geomorphology/Lab 3
EGEO 433~ Geotechniques: Geochemistry/Lab 1
EGEO 460~ Hydrogeology/Lab 3
ENVS 311~ Environmental Monitoring and Sampling 3
GES 315~ Cartography I 3
GES 325~ Intro to Geographic Information Science 3
GES 356~ Earth’s Changing Climate Lab 1
GES 410~ Remote Sensing 3
GES 426~ Environmental Modeling 3
MARS 3~ Marine Science Summer Course 1-3

Required: Internship, Research or Additional Elective (3 credits)
ENVS 450~ Environmental Science Internship 3
ENVS 480~ Environmental Systems Analysis 3
EGEO 469~ Field Investigations in the Geosciences 3
BIOL 305~ Wetlands and Aquatic Plants/Lab 3
CHEM 306~ Freshwater Bionmonitoring/Lab 3
CHEM 340~ Air Quality Assessment/Lab 3
EGEO 340~ Air Pollution Meteorology/Lab 3
EGEO 460~ Hydrogeology/Lab 3
GES 315~ Cartography I 3
GES 325~ Intro to Geographic Information Science 3
GES 410~ Remote Sensing 3
MARS 3~ Marine Science Summer Course 3
MARS 4~ Marine Science Summer Course 3

Required Related Courses (7 credits)
BIOL 101/100~ General Biology/Lab 3 or Principles of Biology 4
CHEM 200~ Fund. Organic Chemistry 3

Required Statistics Course (3 credits)
BIOL 325~ Biometry/Lab 3
MATH 252~ Intro to Statistical Modeling 3

Additional Physical/Natural Science or Math class (3 credits) with the exception of the following Rejected courses: BIOL300 – Social and Ethical Issues in Genetics; EGE0368 - Women in Science; MATH310 – Elementary Mathematics II; MATH311 – Intro to Operations Research; PHYS317 – Space Science

Any 300/400 level BIOL, CHEM, Egeo, Math or PHYS course 3

REQUIRED RELATED (8 credits)

These credits DO NOT count towards the major

CHEM 108 General Chemistry II 3
CHEM 112 General Chemistry Lab 3
PHYS 213 General Physics III / Lab 4