

GEOPHYSICS, MINOR

The Geophysics minor provides students with a grounding in the technical skills crucial to investigating the subsurface features of our earth. The minor emphasizes a variety of state-of-the-art techniques used by professionals in resource exploration and development in order to study what lies beneath our feet, including both ground-based approaches as well as aerial (drones) and satellite imaging.

To access Minor Requirements, please view the Curriculum Guide tab.

Related Links

Geophysics, Minor Program Page (<https://www.sru.edu/academics/majors-and-minors/geophysics-minor/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensures/>)

Curriculum Guide

GPA Requirement

Minor GPA: 2.0 or higher

Minor Requirements

- Students must complete at least 6 credit hours in their minor from SRU
- A minimum of 6 credit hours must be upper division (courses numbered 300 and above)
- A minor shall be no fewer than 18 credits.

Code	Title	Hours
Geophysics Core Courses		
EGEO 358	Introduction to Geophysics/Lab	3
EGEO 458	Geophysical Field Methods/Lab	3
Foundation Sequence		
Select one of the following sequences:		12-13
<i>Foundation – Environmental Geoscience Majors</i>		
MATH 231	Calculus III	
MATH 240	Linear Algebra and Differential Equations	
PHYS 212	General Physics II with Lab	
CPSC 146	Programming Principles	
<i>Foundation – Other (Non-EGEO) Majors</i>		
EGEO 101	Physical Geology	
EGEO 201	Earth Materials and Processes/Lab	
MATH 240	Linear Algebra and Differential Equations	
PHYS 212	General Physics II with Lab	
Total Hours		18-19

* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

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 advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

Minor in Geophysics (34E)

This program is effective as of Fall 2014.

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