

# GEOGRAPHIC INFORMATION SCIENCE, CERTIFICATE

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## Curriculum Guide

### GPA Requirement

Certificate GPA: 2.0 or higher

### Certificate Requirements

Code	Title	Hours
<b>Required Courses</b>		
CPSC 130	Introduction to Computing and Programming	3
GES 315	Cartography I	3
GES 325	Introduction to Geographic Information Science	3
<b>Select 2 classes from the following:</b>		<b>6</b>
GES 410	Remote Sensing	
GES 415	Cartography II	
GES 425	Advanced Geographic Information Systems	
GES 426	Environmental Modeling	
<b>Total Hours</b>		<b>15</b>

\* 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

CERTIFICATE IN GEOGRAPHIC INFORMATION SCIENCE (6130)

This program is effective as of Summer 2018.

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