CP3-1GIS : Geographic Information Systems, Certificate of Proficiency

Proposed Effective Term
Fall 2025
Effective Catalog Year
202540

Department
ESCI - Earth Sciences

College/School
SC - College of Science

Program type
Undergraduate Certificate

Program title
Geographic Information Systems, Certificate of Proficiency

Course List

Code	Title	Credit Hours
Total Credit Hours		19
Discipline Core Requirements		19 Credits
Complete the following:		
GEOG 3400	Environmental Remote Sensing [1]	3
or SURV 1220	Remote Sensing and Photogrammetry	
GEOG 3600	Introduction to Geographic Information Systems	4
or GIS 2800	Geographic Information Systems	
GIS 3620	Advanced Geographic Information Systems [2]	3
or GEOG 3650	Advanced Geographic Information Systems	
GEOG 4100	Geospatial Field Methods	3
or SURV 2100	Mapping From Field to Finish	

<div align="center">Course List</div>

Code	Title	Credit Hours
Complete 6 credits from the following courses:		6
CS 1400	Fundamentals of Programming (3)	
GEOG 3440	Geospatial Data Science (undefined)	
GEOG 4820R	GIS Internship (1-3)	
GEOG 4890R	Student Research in Geography (1-4)	
GIS 3630	Geographic Information Systems Application Development (undefined)	
SURV 1340	Fundamentals of Boundary Law (undefined)	
SURV 3210	Advanced Photogrammetry (undefined)	
SURV 3250	Geodesy (undefined)	
EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
Or any courses with the following prefix: GEOG, SURV, GIS, EGDT subject to department approval		

[1] Earth Science majors are encouraged to take courses with GEOG prefix in the Discipline Core Requirements category

[2] Surveying and Mapping majors are encouraged to take courses with GIS and SURV prefixes in the Discipline Core Requirements category

Graduation Requirements

Graduation Requirements

1. Grade of C- or higher in all courses used to satisfy requirements of the certificate.

Should students be able to select this program as a degree choice on the UVU admissions application?

Yes

Does the program have matriculation requirements?

No