

## Geospatial Science and Technology Minor

2022 – 2023 Undergraduate Catalog

Required Courses			
✓	Course Code & Name	Credits	Semester
	GEOG 135 – Intro to Geospatial Science & Technology	3	
	GEOG 275 – Fundamentals of Geographic Data Handling	3	
	COSC 130 – Introduction to Programming	3	
Elective Courses			
Total Credits		21-22	

Advanced elective options:

- Complete at least 12-13 credits from the following list
  - GEOG 310 Fundamentals of Cartography (3)
  - GEOG 317 Principles of Geographic Information Science (4)
  - GEOG 413 Remote Sensing – Image Interpretation (3)
  - GEOG 420 Topics in Mapping and Geospatial Sciences (3)  
*(may be repeated for up to 6 hours provided the topics are different)*
  - GEOG 433 Surveying and Field Techniques (3)

Recommendations

- Students are encouraged to select additional coursework:
  - MATH 109 Elements of Applied Probability and Statistics (core skill 3) (3)
  - MATH 119 College Algebra (core skill 3) (3)
  - MATH 220 & 221 Calculus for Applications I and II (3)  
*(Any of these MATH courses will satisfy a prerequisite to GEOG 275)*
  - COSC 240 & 241 Computer Science I and II (4)
  - ITEC 315 Programming (3)
  - ITEC 345 Database Systems (3)
- \*Some of these courses may have pre-requisites