

Geospatial Science and Technology Minor

2024 – 2025 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			
	Elective #1	3	
	Elective #2	3-4	
	Elective #3	3	
	Elective #4	3	
Total Credits		21-22	

Advanced elective options:

- Complete 4 courses 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