



Geospatial Science C.A.

Curriculum Code: 0834

Effective: Fall 2021 – Summer 2026

Description

This certificate program will emphasize development of components for GIS and project design based on application areas. The certificate allows beginners to become familiar with basic principles and those with some application background to become computer proficient in GIS. Students completing this certificate may use the credits towards the Geospatial Science Technician Associate in Applied Science degree (0224).

Additional Information

If beginning this pathway in the Spring Semester, you will need to start with the Semester II courses as Semester I courses are only offered in the Fall Semester.

Contact Information

Contact the Geospatial Science Program, West Campus Building, Room M103, telephone number 517-267-6406 or Student Services West Campus, West Campus Building, Room M106, telephone number 517-267-5452.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
CITA 133	Microsoft Access Database	3 / 3
GSCI 100	Intro to Geospatial Tech	3 / 3
GSCI 110	Beginning ArcGIS	3 / 5
GSCI 120	Advanced ArcGIS	3 / 5
GSCI 210	Global Positioning Systems	3 / 4
GSCI 240	Cartography in GIS	3 / 4
GSCI 241	Remote Sens/AirPhoto Interpret	3 / 4
GSCI 264	Web GIS	3 / 4
GSCI 271	Parcel Mapping	3 / 5
GSCI 275	GIS Proj Mgmt & Implementation	3 / 4

Total Credit Hours

30 credits / 41 billing hours

Recommended Course Sequence

Semester I	Semester II
CITA 133	GSCI 110
GSCI 100	GSCI 240
GSCI 210	

Semester III	Semester IV
GSCI 120 GSCI 271	GSCI 241 GSCI 264 GSCI 275