



## Field Survey Methods and Analysis CA

Career Community: Social Sciences

Curriculum Code: 1837

Effective: Fall 2024 – Summer 2029

### Description

The Field Methods and Analysis certificate is an interdisciplinary course of study in the Anthropology, Geography, and Geospatial Technologies programs that provides individuals with the skills and knowledge necessary to work professionally in field surveys, site evaluations, and data recoveries. Students will learn commonly used field methods, as well as current advances in field technology. Courses may be applied to the AA degree in Anthropology, the AS degree in Geography, the Geospatial Science Technician AAS, or the Social Science GA.

### Milestone

Completion of ANTH 276 with a 2.0 or higher is a key component for success in completing this program. Knowledge obtained in this course is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in the course.

### Additional Information

A student must earn a minimum grade of 2.0 in all courses.

### Contact Information

For further information, including about career options, course substitutions and waivers, etc., contact the Social Science and Humanities Department, A&S 2203, telephone number 517-483-1061, or Student Services, (location), telephone number 517-.

### Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
ANTH 276	Introduction to Archeology	3 / 3
ANTH 300*	Applied Field Survey Methods	8 / 8
GEOG 221	Physical Geography	4 / 4
GSCI 100	Intro to Geospatial Tech	3 / 3

### Program of Study Required Courses, Limited Choice –*Select 12 credits*

Course Code	Course Title	Credit / Billing Hours
ANTH 270	Cultural Anthropology	3 / 3
ANTH 275	Biological Anthropology	4 / 4
ANTH 280	Forensic Anthropology	3 / 3
GEOG 200	World Regional Geography	4 / 4
GEOG 202	Geography of North America	3 / 3
GEOL 230	Environmental Geology	4 / 6

Course Code	Course Title	Credit/ Billing Hours
GSCI 110	Beginning ArcGIS	3 / 5
GSCI 120	Advanced ArcGIS	3 / 5
GSCI 240	Cartography in GIS	3 / 4

### Additional Credits

After completing the course and credit requirements as noted on this pathway, students who fall short of the 30-credit minimum required for a Certificate of Achievement may select any course(s) needed to reach 30 credits, except those courses noted in number 7 in the [Institutional Requirements for Certificates of Achievement](#). Students are encouraged to use Degree Works and meet with an Advisor to ensure all requirements are met and for course recommendations.

### Minimum Total Credit Hours

30 credits / 31 billing hours

### Recommended Course Sequence

Semester I
ANTH 276 – Milestone course
GEOG 221
Limited Choice as needed for minimum credits

Semester II
ANTH 300*
GSCI 100
Limited Choice as needed for minimum credits

\*8 credits required for completion

*LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.*