

26-27 Cert. Geographic Information Systems (GISX)

ABOUT THIS MAJOR



The GIS certificate program allows geography and other majors to transfer into four-year geography programs having completed a documented specialization in GIS that includes marketable job skills that can be used concurrently with the

pursuit of advanced degrees. The GIS certificate program will benefit persons with previous training in a variety of fields by allowing them to gain new skills that can be applied in their place of employment. Students who successfully complete the certificate requirements may apply for entry-level positions in geographic information systems, mapping and spatial data support, geospatial analysis support, and GIS technician work in public agencies, private industry, and related fields. For more information, visit the [Social and Behavioral Sciences](#) division.

TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

Certificate- Geographic Information Systems (GISX)

[Total Units Required in the Major 8]

Required Courses, choose one (3 units)	
GEOG205 - Introduction to Geographic Information Science (GIS)	3
GEOG220 - Data Acquisition and Management in Geographic Information Science (GIS) Prerequisite: Completion of or concurrent enrollment in GEOL 101 or GEOL 101H	3
GEOG221 - Spatial Analysis in Geographic Information Science (GIS) Prerequisite: Completion of GEOL 101 or ERSC 101 or BIOL 120 or ANTH 101 or GEOG 101	3
GEOG222 - Cartography for Geographic Information Science (GIS) Prerequisite: Completion of or concurrent enrollment in GEOL 102.	3
GEOG298C - Special Studies in Geographic Information Science (GIS)	3

RECOMMENDED PATHWAY

Geographic Information Systems Cert

The Recommended Plan of Study is determined by the discipline faculty. Take classes in **Summer** or **Intersession** if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Intersession: Max 6 units

SEMESTER 1	
Course	Units
GEOG 205	3
Total Units	3

SEMESTER 2	
Course	Units
GEOG 220	3
GEOG 221	3
Total Units	6

SEMESTER 3	
Course	Units
GEOG 222	3
GEOG 298C	3
Total Units	6
Total Certificate Units	15

COUNSELING NOTE SECTION

Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)

Application for Graduation:

Antelope Valley College awards degrees three times annually following the Fall, Spring, and summer semesters. Students must apply for graduation to earn their degree or certificate. Applications are due by September 6 for spring/summer graduates and by February 14 for fall graduates.

AVC 26-27 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance	Career Center	AVC Student Health Services
Transfer Center	Office of Students with Disabilities	Palmdale Center
Basic Needs	Financial Aid	Counseling Division