

# Certificate: Geographic Info Systems LCERT 24-25



## 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. GIS is a multibillion-dollar industry employing hundreds of thousands worldwide in many fields, including Environmental Sciences and Protection, Regional and Urban Planning, and Transportation. For more information, visit the [Mathematics, Sciences, and Engineering](#) 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

**Residency:** Minimum of 12 units completed at AVC with a minimum of 9 of those units completed from the certificate/major. (credit earned by examination will not be included in these 12 units) Title 5, Section 54000: <http://ccr.oal.ca.gov>.

### Certificate- Geographic Info Systems LCERT [Total Units 15]

Required Courses (15 units)	
GEOG205 - Intro Geographic Info Systems	3
GEOG220 - Data Acq & Mgt in GIS	3
GEOG221 - Spatial Analysis in GIS	3
GEOG222 - Cartography for GIS	3
GEOG298C - Special Studies in GIS	3

## RECOMMENDED PATHWAY Certificate- Geographic Info Systems

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, 12-15 units Recommended.
- This is a certificate only program, currently no associated degree offered.

TERM 1	
Course	Units
GEOG 205	3
Total Units	3

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

TERM 3	
Course	Units
GEOG 222	3
GEOG 298C	3
Total Units	6

### 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)

AVC 24-25 CATALOG: [ACADEMIC POLICIES](#)

#### INFORMATION and RESOURCES

<a href="#">Tutoring Assistance</a>	<a href="#">Career Center</a>	<a href="#">AVC Student Health Services</a>
<a href="#">Transfer Center</a>	<a href="#">Office of Students with Disabilities</a>	<a href="#">Palmdale Center</a>
<a href="#">Basic Needs</a>	<a href="#">Financial Aid</a>	<a href="#">Counseling Division</a>