

Flowchart of GIS courses in Skill Certificate



- Students must take all "core" classes (9 units)
- plus 6 - 7 units from "additional courses" listed below
- for total of 15-16 units for Skills Certificate requirements
- Geog 94 - GeoSpatial Analysis highly recommended

See college catalog for specific details, like pre-requisites. Some courses can be substituted

Core - Required Courses (9 units)

Additional Courses (6 - 7 units)

Geog 86 - Global Positioning Systems (1 unit)

Geog 85 - GeoSpatial Technologies (1 unit)

Geog 91B - Intermediate ArcGIS (1 unit)

Geog 94 - Geospatial Analysis (3 units)

Geog 90 - Introduction to GIS (4 units)

Geog 95 - Internship in GIS (1 - 4 units)

CIS 90 - Database Management (3 units)

CSCI 12 - Object-Oriented Programming (3 units)

Geog 93 - Advanced GIS (4 units)

CSCI 52 - Introduction to SQL (3 units)

DES 5 - Computer-Aided Drafting 1A (3 units)

DES 6 - Computer-Aided Drafting 1B (3 units)

ENGR 10 - Survey Measurements (4 units)

Skills Certificates: A Skills Certificate (which GIS fits), is an acknowledgement by Sierra College that a student has attained a specified set of competencies with a vocational education program, either in preparation to enter the field or upgrade of skills required for continued employment. Skills Certificates require demonstration of a specified set of competencies and require less than 18 units. To obtain a Skills Certificate from Sierra College, all courses required must be completed with grades of "C" or better and at least 50 percent of the required coursework must be completed at Sierra College. Skills Certificates are not recorded on student transcripts but rather issued individually to you. Only "Certificate of Achievements" (over 18 units) are recorded on student transcripts. Apply early for all certificates. (Begins Fall 2016)