



CURRICULUM GUIDE 2011-2012

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Certificate of Accomplishment in Geographic Information Systems (GIS)

Requirements for Certificate of Accomplishment:

- a) Complete satisfactorily the courses listed for the particular certificate.
- b) Complete at least 50% of the required units at Ohlone College.
- c) Maintain a 2.0 grade point average.

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

GIS is a computer-based database management system for capture, storage, retrieval, analysis, and display of spatial data. Students who complete this program will be better prepared to map data for decision-making in business, environmental protection, risk assessment, utility planning and management, emergency response, land use planning, transportation planning, delivery route planning, real estate, and crime prevention.

GEOG-120	Introduction to Global Positioning Systems (GPS)	1
GEOG-121	Introduction to Geographic Information Systems (GIS)	2
GEOG-122	Environmental GIS	2
GEOG-123	GIS Projects	1
Choose one course or combination of courses from the following:		3-4
ANTH-102	Cultural Anthropology	(3)
ANTH-105	Field Archaeology	(3)
ENVS-108	Human Ecology	(3)
GEOG-101	Physical Geography	(4)
GEOG-102	Cultural Geography	(3)
GEOG-104	The World's Nations	(3)
GEOG-105	California Geography	(3)
GEOL-101	Introduction to Geology	(4)
RE-122	Real Estate Practice	(3)
SOC-102	Social Problems of a Diverse Society	(3)
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