

Minor in Geographic Information Systems (GIS)

Students majoring in another subject who wish to minor in geographic information systems must complete the following courses:

Code	Title	Credits
GIS A101	Introduction to Geographic Information Systems	3
GIS A201	Intermediate Geographic Information Systems	3
Complete 6-12 credits from the following:		6-12
CSC E A101	Introduction to Computer Science	
GEO A490	Selected Advanced Topics in Geomatics	
GIS A301	Web GIS	
GIS A351	Remote Sensing	
GIS A370	GIS and Remote Sensing for Natural Resources	
GIS A458	Spatial Data Management	
GIS A466	Spatial Analysis	
GIS A467	Image Analysis	
Complete any remaining credits from the following:		0-6
ANTH A101	Introduction to Anthropology	
ANTH A211	Archaeology	
ANTH A480	Analytical Techniques in Archaeology and Bioanthropology	
BIOL/GEOL A178	Introduction to Oceanography	
BIOL/GEOL A179	Introduction to Oceanography Laboratory	
BIOL A473	Conservation Biology	
ENVI A211	Environmental Science: Systems and Processes	
ENVI A211L	Environmental Science: Systems and Processes Laboratory	
GEOG A111	Earth Systems: Elements of Physical Geography	
GEOG A475	Geospatial and Cartographic Techniques for the Sciences	
GEOL A350	Geomorphology	
GEOL A480	Geologic Field Methods	
JUST A201	Justice Data Analysis	
SOC A462	Social Science Statistics	

A minimum of 18 credits is required for the minor.

Program Student Learning Outcomes

Students completing the Minor in Geographic Information Systems (GIS) will be able to:

- Supplement their major education with professional application of GIS.
- Create graphical presentations and maps using geospatial information.
- Analyze and manage geospatial data relative to your discipline or profession.