

Minor in Geographic Information Science (code GEOGUM02)

This new minor was recommended by the Academic Senate on March 21, 2013
and approved by the president on April 9, 2013.

The minor in Geographic Information Science (GISci) is designed to help students who are looking for professional careers in the rapidly expanding sectors dealing with geospatial technology and mapping sciences. The field of geographic information science, while rooted in the discipline of geography, has applications in a variety of fields including but not limited to planning, environmental science, journalism, transportation, business and public health. The GISci minor provides an academic credential for students who are pursuing a degree in another discipline that have developed basic mastery of both geographic concepts relevant to responsible use of the technology, as well as technical and applied aspects of this field. The Minor in GISci is available to any CSULB student, except for those who are majors in geography.

Requirements

A minimum of 21 units is required. One of these courses is a basic 3-unit course in statistics which can be satisfied by GEOG 200, STAT 108, PSY 210, BIOL 260, ANTH 202, HMDV 250, SOC 250 or another related statistics course per advisor consent. In addition to a basic statistic course, the minor consists of an additional 18-units as follows:

The Minor in GISci is composed of two core courses:

GEOG 280 Introduction to Geospatial Techniques (3)

Prerequisites: none

GEOG 380 Map Interpretation and Analysis (3)

Prerequisites: none

Students must also take 12 units of 400-level GISci courses from the following list:

GEOG 471, 473, 474, 475, 481, 482, 484, 485, 487A, 487B, 488

EFFECTIVE: Fall 2013

Campus Code: (code GEOGUM02)

College: 28

Career: UG