Geographic Information Science, Certificate

LAGISCERT

Geographic information science, also known as GIS, is the study of the earth and all that happens on it using modern information technologies. GIS is one of the fastest-growing parts of the economy and employment possibilities can be found across the private sector as well as in many government agencies.

Description

Geographic information science takes computer science to a new level, specializing in technology that puts companies like Google on the forefront of innovation and navigating the globe. Our GIS undergraduate certificate program pairs the practical skill of computer science with conceptual knowledge of geographical problem solving and spatial thinking.

At a Glance

• College/School: College of Liberal Arts and Sciences
• Location: Tempe campus

2018 - 2019 Major Map
Major Map (Archives)

Program Requirements

The certificate requires 20 credit hours with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 20 credit hours must be upper-division courses.

Geographic Information Science Core -- 11 credit hours

GIS 205: Geographic Information Science I (CS) (3)
GIS 211: Geographic Information Science II (CS) (4)
GIS 311: Geographic Information Science III (CS) (4)

Upper Division GIS Elective Courses -- 6 credit hours

GIS Upper Division Elective (6)

Upper Division Related Coursework -- 3 credit hours

GCU OR GIS OR GPH OR PUP OR CEE OR CSE OR EEE OR EGR OR FSE OR IEE Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information

Schedule an advisor appointment
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