

Geography

College of Sciences

Geographic Information Systems

Certificate

Curriculum Requirements

Required Courses:

GEOG 385 GIS Primer* (*Fall, Spring, Summer*)
GEOG 475 Intermediate GIS (*Spring*)

Choose three of the following elective courses: (*all courses are 3 cr unless otherwise noted; *indicates courses available on-line*)

GEOG 390 Cartographic Design and Geographic Visualization (*Fall*)
GEOG 402 GIS Skills Development (*1cr, intermittent*)
GEOG 407/507 Spatial Analysis & Modeling (*alternate yrs*)
GEOG 412 Socioeconomic Apps in GIS (*alternate yrs*)
GEOG 424/524 Hydrologic Application of GIS & Remote Sensing* (*Fall*)
GEOG 479 GIS Programming (*Fall*)
GEOG 483/583 Remote Sensing/ GIS Integration (*Spring*)
LARC 395 GIS Applications in Land Planning 1
FOR/NRS 375 Intro to Spatial Analysis for Natural Resources (*Fall and Spring*)
REM 407 GIS Applications in Fire Ecology and Management* (*2 cr hrs, Spring*)

Curriculum requires 15 credits, 9 or more credits of which must be in UI GEOG courses (i.e., up to 6 cr can be from other universities or from the courses in the list above from other departments).

Students may request to substitute courses from other universities by sending a syllabus for the course to the GIS Cmte chairperson. Any courses approved for substitution are counted toward the maximum 6 credit hours "external" to the UI Dept of Geography.

www.uidaho.edu/sci/geography

Ph: 208-885-6216

Why the Certificate, Who it applies too, and the Design:

- The opportunity to enhance your educational foundation in geographical information systems (GIS) or to strengthen your GIS credentials is available through the GIS Certificate.
- Both Undergraduate and Graduate students in any program can earn the certificate
- The curriculum is designed to inform students about the basic understanding of techniques and application potential of GIS. It is intended for current University of Idaho students and recent graduates in non-GIS majors, and professionals interested in retraining or upgrading their skills in GIS.

Declaring the Certificate

- To officially declare the certificate, fill out the Change of Curriculum Form. The department chair signs the form and then you turn it into the Office of the Registrar.
- Forms are also available in the Department of Geography main office McClure 201



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