

GEOGRAPHIC INFORMATION SYSTEMS (GIS), MINOR

Admission into the Minor

Students are expected to formally declare a minor by completing the Change of Major/Minor Application online under the Student tab of myBama.

Geographic Information Systems (GIS) minor requirements for Geography majors:

Geographic Information Systems (GIS) Minor		Hours
Minor Courses		
GY 420	Remote Sensing I	4
GY 430	Intro Geographic Info Systems	3
Select three of the following courses:		12
GY 330	Computr Mapping Graphics	
GY 421	Spatial Databases	
GY 422	Introduction to UAS	
GY 426	UAS Applications	
GY 427	UAS Data Processing Analysis	
GY 428	Web GIS	
GY 435	Remote Sensing II	
GY 436	Adv Geographic Info Syst	
GY 437	GIS for Transportation	
GY 439	GIS Programming	
GY 443	Location Science	
GY 488	Digital Terrain and Watershed	
Total Hours		19

Geographic Information Systems (GIS) minor requirements for non-Geography majors:

Geographic Information Systems (GIS) minor for non-majors		Hours
Required Courses		
GY 204	Maps and Spatial Reasoning	4
GY 430	Intro Geographic Info Systems	3
GY 430	Intro Geographic Info Systems	1
Credit Hours Subtotal:		8
Select three of the following courses:		12
GY 330	Computr Mapping Graphics	
GY 420	Remote Sensing I	
GY 421	Spatial Databases	
GY 428	Web GIS	
GY 429	Fundamentals of GIS	
GY 435	Remote Sensing II	
GY 436	Adv Geographic Info Syst	
GY 437	GIS for Transportation	
GY 439	GIS Programming	
Total Hours		20

Grade Point Average

A 2.0 grade point average in the minor is required. Please see the Grades and Grade Points section of this catalog for an explanation on grade point average calculations.

Upper-level Residency

A minimum of six semester hours of 300- or 400-level courses in the minor must be earned on this campus.

Additional Minor Requirements

The minor in geographic information systems is not open to geography majors in the geographic information techniques concentration (III). Students are responsible for ensuring that they have met all requirements. However, each student must meet with an adviser in the Department of Geography and the Environment for academic planning and to be approved for registration each semester. College advisers are also available for additional assistance with minor, College and University requirements.