

GEOGRAPHY MAJOR: GEOGRAPHIC INFORMATION SYSTEMS CONCENTRATION

Requirements for a Major

Minimum requirement for the major is completion of a six-course (18 credit) core curriculum and one of five concentrations. Students will declare a concentration in either General Geography, Environmental Studies, Geographic Information Systems, Earth System Science, or Earth Science Education. Study Away/Study Abroad is strongly encouraged for geography majors.

Code	Title	Credits
Ancillary Requirements		(6 credits)
To be taken by the time the student has accumulated 21 credits in the major:		
CS-135	Programming for Non-CS Majors	3
MA-150	Statistics I	3

Code	Title	Credits
Core Courses		(18 credits)
GS-101 or GS-110	Physical Geography Meteorology	3
GE-102	Human Geography	3
GS-140	Physical Geology	4
GS-165	Geographic Information Systems I	4
GE-200	Geography Literature Seminar	1
GE/GS-400	Geography Seminar	3

Requirements for the Concentration in Geographic Information Systems (GIS)		(21 credits)
GS-218	Introduction to Remote Sensing	3
GS-318	Geographic Information Systems II	3

Three Additional Courses

4 courses at the 200 - 400 level in either physical or human Geography. Students are encouraged to focus on one area. Regional courses are not appropriate

Select one of the following: 3

GS/GE-410	Independent Study: Geography	
GS/GE-450	Readings and Directed Research	
GS/GE-460	Internship: Geography	

Total Credits 39

Geography Major: GIS Concentration Sample Timeline for Completion of Degree

Year One

Semester One		Credits
LASC	First-Year Seminar (FYS)	3
EN-101	College Writing I	3
MA-150	Statistics I	3
GE-102	Human Geography	3
GS-101	Physical Geography	3
Credits		15

Semester Two

EN-102	College Writing II	3
LASC	LASC Elective (CON)	3

LASC	LASC Elective (TLC) ¹	3
GS-165	Geographic Information Systems I	4
GS-140	Physical Geology	4
Credits		17

Year Two

Semester Three

GS-218	Introduction to Remote Sensing	3
CS-135	Programming for Non-CS Majors (QR)	3
LASC	LASC Elective (NSP) ¹	3-4
LASC	LASC Elective (CA) ¹	3
LASC	LASC Elective (HBS) ¹	3
Credits		15-16

Semester Four

GS-318	Geographic Information Systems II	3
GS/GE 2XX+	Elective	3
LASC	LASC Elective (ICW) ¹	3
LASC	LASC Elective (GP) ¹	3
LASC	LASC Elective (USW) ¹	3
Credits		15

Year Three

Semester Five

GE-200	Geography Literature Seminar	1
GS/GE 2XX+	Elective	3
GS/GE 2XX+	Elective	3
LASC	LASC Elective (NSP) ¹	3
LASC	LASC Elective ¹	3
SELECT	General Elective	3
Credits		16

Semester Six

GS/GE 2XX+	Elective	3
LASC	LASC Elective ¹	3
LASC	LASC Elective ¹	3
SELECT	General Elective	3
SELECT	General Elective	3
Credits		15

Year Four

Semester Seven

Select one of the following: 3	
GE-410 or GS-410	Independent Study: Geography or Independent Study: Geography
GE-450 or GS-450	Readings and Directed Research or Readings and Directed Research
GE-460 or GS-460	Internship: Geography or Internship: Geography

SELECT	General Elective	3
SELECT	General Elective	3
SELECT	General Elective	3
SELECT	General Elective	3
Credits		15

Semester Eight

GS-400	Senior Seminar (CAP)	3
SELECT	General Elective	3
SELECT	General Elective	3
SELECT	General Elective	3

SELECT	General Elective	3
Credits		15
Total Credits		123-124

¹ The sequence of LASC courses marked with ¹ is a suggestion but serves as a reminder that LASC designated courses must be taken to satisfy the LASC requirements.

Students are required to meet with their academic advisor to review their courses for the upcoming semester. A minimum of 120 credits is required for graduation. First-year and transfer students with 45 or fewer credits at the time of admission shall complete two academic programs (a major/major or major/minor) to qualify for graduation. For more information, please view the MajorPlus section of this catalog.