

BACHELOR OF SCIENCE, MAJOR IN GEOGRAPHY, GEO-SPATIAL INFORMATION SCIENCES

Code	Title	Hours
Bachelor of Science, Major in Geography, Geo-spatial Information Sciences		
Core Curriculum		
Component Area I (Communication)		6
Component Area II (Mathematics)		3
Component Area III (Life and Physical Science)		8
Component Area IV (Language, Philosophy, and Culture)		3
Component Area V (Creative Arts)		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences)		3
Component Area IX (Component Area Option)		4
Degree Specific Requirements		
MATH 1369	Elementary Statistics	3
PHIL 2303	Critical Thinking (or PHIL 3372 or MATH) ¹	3
8 hours (2 courses) of Life and Physical Sciences (beyond the Core Curriculum)		8
Major		
Introductory Geography (choose 2 of the following)		6-7
GEOG 1300	People, Place and the Envrnmt ²	
GEOG 1401	Weather and Climate ³	
GEOG 2355	World Reg Geo-Eur Asia Aust ⁴	
GEOG 2356	Reg Geo-Lat Am Africa So Asia ⁴	
Human or Environmental Geography (choose one of the following)		3
GEOG 2320	Sustainability and Environment	
GEOG 2341	Physical Geography	
GEOG 3301	Environmental Geography	
GEOG 3350	Cultural Geography	
Core of Concentration		
GEOG 2464	Intro to Geographic Info Sys	4
GEOG 4365	Applied Geographic Info Systems	3
GEOG 3363	Computer Cartography	3
GEOG 4361	Geographic Information Systems for Public Health	3
GEOG 4468	Remote Sensing	4
Applied Cognate (Choose two of the following)		6-7
GEOG 3310	Sustainable Development	
GEOG 4351	Economic Geography	
GEOG 4356	Urban Geography	
GEOG 4357	Population Geography	
GEOG 4359	Transportation Geography	
GEOG 4430	Hydrology and Water Resources	
GEOG 4432	Geomorphology	
Advanced Geography Electives		3
Geography Electives		3
Minor (required)		18
Electives ⁵		9
Total Hours		121-123

¹ PHIL 2303 satisfies the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

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- 2 GEOG 1300 satisfies the Core Curriculum requirement for Component Area IV. Students also applying this course towards the geography major may also need to complete additional coursework in order to fulfill the 120 credit-hour requirement.
- 3 GEOG 1401 satisfies the Core Curriculum requirement for Component Area III (Life and Physical Science) OR the degree specific requirement for Life and Physical Science. Students. Students also applying this course towards the geography major may also need to complete additional coursework in order to fulfill the 120 credit-hour requirement.
- 4 GEOG 2355 and/or GEOG 2356 fulfill the Core Curriculum requirement for Component Area IV. Students also applying either of these course towards the geography major may need to complete additional coursework in order to fulfill the 120 credit-hour requirement for graduation.
- 5 Electives should be used to meet the 120 SCH and 42 advanced hour requirements

First Year

Fall	Hours Spring	Hours
Component Area II	3 ENGL 1302 ¹	3
Component Area IX	4 HIST 1301 ³	3
ENGL 1301 ¹	3 MATH 1369	3
Introductory GEOG Courses ²	6-7 PHIL 2303 (or MATH) POL 2305 ⁴	3
16-17		15

Second Year

Fall	Hours Spring	Hours
HIST 1302 ³	3 Component Area V	3
Life and Physical Sciences	4 Minor Course	3
POL 2306 ⁴	3 Life and Physical Science	4
GEOG 2464	4 GEOG 4365 GEOG 4361	3
14		16

Third Year

Fall	Hours Spring	Hours
Component Area IV	3 GEOG Elective	3
Component Area III	4 Component Area III	4
Elective ⁵	3 Minor Course	6
Minor Course	3 GEOG 3363	3
GEOG 2320, 2341, 3301, or 3350	3	
16		16

Fourth Year

Fall	Hours Spring	Hours
Component Area VIII	3 Elective ⁵	6
GEOG Applied Cognate Course ⁶	3 Minor Course	3
Minor Course	3 GEOG Advanced Elective	3
GEOG 4468	4 GEOG Applied Cognate Course ⁶	3-4
13		15-16

Total Hours: 121-123

- 1 Satisfies Core Curriculum requirement for Component Area I (Communications).
- 2 INTRODUCTORY GEOG courses: GEOG 1300, GEOG 1401, GEOG 2355, GEOG 2356, or GEOG 2341. GEOG 1401 also satisfies Core Curriculum Area III (life and physical sciences). GEOG 1321 also satisfies Core Curriculum Area VIII, while GEOG 2355 and GEOG 2356 satisfy Core Curriculum Area IV. Students also applying these courses towards the geography major may need to complete additional coursework in order to fulfill the 120 credit-hour requirement for graduation.
- 3 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- 4 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 5 Electives should be used to get to 120 SCH and 42 advanced hours
- 6 GEOG Applied Congregate Courses: GEOG 3310, GEOG 4331, GEOG 4356, GEOG 4357 GEOG 4430, GEOG 4359 GEOG 4432