

B.A. IN GEOGRAPHY

BA Geography with Concentration in Human and Environmental Geography

31 hours required:

Code	Title	Hours
Required Courses		
GEPL 2010	Fundamentals Of Geography	3
GEPL 2110	Maps and Map Analysis	3
GEPL 4110	Geographic Information Systems	3
GEPL 4420	Quantitative Methods in Geographic Research	3
GEPL 4990	Geography and Planning as Disciplines and Professions	1
<i>Environmental Geography - Select one:</i>		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
<i>Human Geography - Select one:</i>		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Industrial Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Environments	
GEPL 4750	Transportation Geography	
GEPL 4810	Political Geography	
<i>Regional Geography - Select one:</i>		3
GEPL 3030	Geography Of Europe	
GEPL 3050	Geography of US and Canada	
GEPL 3120	Geography Of Asia	
GEPL 3220	Geography Of Africa	
GEPL 3300	Geography of Latin America and the Caribbean	
<i>GIS and Technology (GIS&T) – Select one:</i>		3
GEPL 4180	Geographic Information Systems Applications	
GEPL 4490	Remote Sensing Of The Environment	
<i>Elective Hours ¹</i>		6
Total Hours		31

¹ Except GEPL 1010, and GEPL 1100.

BA Geography with Concentration in Geographic Information Science & Technology (GIS&T)

31 hours required:

Code	Title	Hours
Required:		
GEPL 2010	Fundamentals Of Geography	3

GEPL 2110	Maps and Map Analysis	3
GEPL 4110	Geographic Information Systems	3
GEPL 4180	Geographic Information Systems Applications	3
GEPL 4420	Quantitative Methods in Geographic Research	3
GEPL 4490	Remote Sensing Of The Environment	3
GEPL 4500	Digital Image Analysis	3
GEPL 4990	Geography and Planning as Disciplines and Professions	1

<i>Environmental Geography - Select one:</i>		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
<i>Human Geography - Select one:</i>		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Industrial Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Environments	
GEPL 4750	Transportation Geography	
GEPL 4810	Political Geography	

Elective 3

Total Hours 31

BA Geography with Concentration in Urban and Regional Planning

31 hours required:

Code	Title	Hours
Required:		
GEPL 2010	Fundamentals Of Geography	3
GEPL 2110	Maps and Map Analysis	3
GEPL 4110	Geographic Information Systems	3
GEPL 4210	Land Use Planning	3
GEPL 4420	Quantitative Methods in Geographic Research	3
GEPL 4530	Principles Of Urban Planning	3
GEPL 4700	Community Planning Workshop	3
GEPL 4750	Transportation Geography	3
GEPL 4990	Geography and Planning as Disciplines and Professions	1

<i>Environmental Geography - Select one:</i>		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	

<i>Human Geography - Select one:</i>		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	

GEPL 2050	World Cities
GEPL 3440	Population Geography
GEPL 3650	Industrial Geography
GEPL 4160	Patterns Of World Development
GEPL 4710	Urban Environments
GEPL 4810	Political Geography

Total Hours 31

Below are sample plans of study. Consult your degree audit for your program requirements.

- Geography with Concentration in Human and Environmental Geography (p. 2)
- Geography with Concentration in Geography Information Science & Technology (GIS&T) (p. 3)
- Geography with Concentration in Urban and Regional Planning (p. 3)

Geography with Concentration in Human and Environmental Geography

First Term	Hours	
AR 1000	First Year Orientation	1
ENGL 1110	College Composition I	3
MATH 1180	Reasoning With Mathematics	3
HIST 1010-1200	Arts/Humanities	3
Social Sciences Core		3
Social Science core		3
Hours		16

Second Term	Hours	
GEPL 2010	Fundamentals Of Geography	3
ENGL 1130	College Composition II: Academic Disciplines And Discourse	3
Natural Sciences Core		3
Natural Science core (lab)		1
Arts/Humanities Core		3
Arts/Humanities (Fine Art)		3
Hours		16

Third Term	Hours	
GEPL 2110	Maps and Map Analysis	3
GEPL Major Elective: Regional Geography		3
GEPL 3030	Geography Of Europe	
GEPL 3050	Geography of US and Canada	
GEPL 3120	Geography Of Asia	
GEPL 3220	Geography Of Africa	
GEPL 3300	Geography of Latin America and the Caribbean	
Elementary Foreign Language I		4
ENGL 2710-2800	Arts/Humanities (English Lit)	3
Elective		3
Hours		16

Fourth Term	Hours	
GEPL Major Elective: Human Geography		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Industrial Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Environments	
GEPL 4750	Transportation Geography	
GEPL 4810	Political Geography	
GEPL Major Elective: Environmental Geography		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
Natural Sciences Core		3
Elementary Foreign Language II		4
Hours		13

Fifth Term	Hours	
GEPL 4420	Quantitative Methods in Geographic Research	3
Non-US Diversity		3
Related or Minor Course		3
Related or Minor Course		3
Intermediate Foreign Language 1 or approved culture course		3
Hours		15

Sixth Term	Hours	
GEPL 4110	Geographic Information Systems	3
GEPL Major Elective (WAC)		3
Related or Minor Course		3
US Diversity		3
Intermediate Foreign Language II or approved culture course		3
Hours		15

Seventh Term	Hours	
GEPL Major Elective: GIS&T		3
GEPL 4180	Geographic Information Systems Applications	
GEPL 4490	Remote Sensing Of The Environment	
GEPL 4990	Geography and Planning as Disciplines and Professions	1
Related or Minor Course		3
Minor course or Elective		3
Elective (WAC)		3
Elective		2
Hours		15

Eighth Term	Hours	
GEPL Major Elective ¹		3
Related or Minor course		3
Related or Minor Course		3

Elective	5
Hours	14
Total Hours	120

¹ If no Writing Across the Curriculum (WAC) course has been taken in the major, one elective must be a WAC course.

Geography with Concentration in Geography Information Science & Technology (GIS&T)

First Term		Hours
AR 1000	First Year Orientation	1
ENGL 1110	College Composition I	3
MATH 1180	Reasoning With Mathematics	3
HIST 1010-1200	Arts/Humanities Core (History)	3
	Social Sciences Core	3
	Social Science core	3
Hours		16

Second Term		Hours
GEPL 2010	Fundamentals Of Geography	3
ENGL 1130	College Composition II: Academic Disciplines And Discourse	3
	Arts/Humanities Core	3
	Arts/Humanities Core (Fine Art)	3
	Natural Science Core	3
	Natural Sciences core (lab)	1
Hours		16

Third Term		Hours
GEPL 2110	Maps and Map Analysis	3
GEPL Major Elective: Human Geography		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Industrial Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Environments	
GEPL 4810	Political Geography	
ENGL 2710-2800	Arts/Humanities Core (English Lit)	3
	Elementary Foreign Language I	4
Hours		13

Fourth Term		Hours
GEPL 4110	Geographic Information Systems	3
	Related or Minor course	3
	Elementary Foreign Language II	4
	Natural Sciences Core	3
	Elective	2
Hours		15

Fifth Term		Hours
GEPL 4420	Quantitative Methods in Geographic Research	3
GEPL 4490	Remote Sensing Of The Environment	3
	Intermediate Foreign Language I or approved culture course	3
	Related or Minor Course	3
	Non-US Diversity	3
Hours		15

Sixth Term		Hours
GEPL 4180	Geographic Information Systems Applications	3
	Intermediate Foreign Language II or approved culture course	3
	Related or Minor Course	3
	Diversity of US	3
	GEPL Major elective (WAC)	3
Hours		15

Seventh Term		Hours
GEPL 4990	Geography and Planning as Disciplines and Professions	1
GEPL Major Elective: Environmental Geography		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
	Minor course or Elective	3
	Related or Minor course	3
	Elective (WAC)	3
	Elective	2
Hours		15

Eighth Term		Hours
GEPL 4500	Digital Image Analysis	3
	Related or Minor course	3
	GEPL Major Elective ¹	3
	Elective	6
Hours		15
Total Hours		120

¹ If no Writing Across the Curriculum (WAC) course has been taken in the major, this elective must be a WAC course.

Geography with Concentration in Urban and Regional Planning

First Term		Hours
AR 1000	First Year Orientation	1
ENGL 1110	College Composition I	3
HIST 1010-1200	Arts/Humanities Core (History)	3
MATH 1180	Reasoning With Mathematics	3
	Social Sciences Core	6
Hours		16

Second Term

GEPL 2010	Fundamentals Of Geography	3
ENGL 1130	College Composition II: Academic Disciplines And Discourse	3
Arts/Humanities Core		3
Natural Science Core		3
Natural Sciences Core (lab)		1
Arts/Humanities Core (Fine Art)		3
Hours		16

Third Term

GEPL 2110	Maps and Map Analysis	3
GEPL 4530	Principles Of Urban Planning	3
ENGL 2710-2800	Arts/Humanities Core (English Lit)	3
Elementary Foreign Language I		4
Natural Science core		3
Hours		16

Fourth Term

GEPL 4210	Land Use Planning	3
GEPL Major Elective		3
Social Sciences Core		3
Elementary Foreign Language II		4
Related or minor course		3
Hours		16

Fifth Term

GEPL 4420	Quantitative Methods in Geographic Research	3
Related or Minor course		6
Non-US Diversity		3
Intermediate Foreign Language I or approved culture course		3
Hours		15

Sixth Term

GEPL 4110	Geographic Information Systems	3
GEPL 4750	Transportation Geography	3
GEPL Major Elective: Environmental Geograpjy		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
Diversity of US		3
Intermediate Foreign Language II or approved culture course		3
Hours		15

Seventh Term

GEPL 4990	Geography and Planning as Disciplines and Professions	1
GEPL Major Elective: Human Geography		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Industrial Geography	

GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Environments	
GEPL 4810	Political Geography	
Elective (WAC)		3
Related or Minor course		6
Hours		13

Eighth Term

GEPL 4700	Community Planning Workshop	3
GEPL Major Elective ¹		3
Related or Minor course		3
Elective		4
Hours		13
Total Hours		120

¹ If no Writing Across the Curriculum (WAC) course has been taken in the major, this elective must be a WAC course.

State the basic nature of most of the various subfields in human geography (e.g., cultural, economic, environmental, political, social, urban, etc.);

2. Appraise the major aspects of two of those subfields including an ability to read and understand basic research in the subfield; Describe the basic nature of most of the subfields of physical geography (biogeography, climatology, geomorphology, hydrology, meteorology, etc.) and if emphasizing physical geography discuss one of those subfields in more depth;

State the dominant forces that have shaped and continue to shape two major world regions;

Apply the basic tools of geographic analysis (quantitative and qualitative) to investigate a geographic issue;

Construct a map using appropriate cartographic design, visualization and quantitative data manipulation;

Identify the fundamental concepts of Geographic Information Systems, and evaluate their importance in the further study of this evolving science;

Integrate information from a range of academic disciplines, and support the importance of holistic approaches to problem solving;

Weigh the importance of human/environment relationships a traditional focus of geography;

Develop appropriate written and oral skills necessary for graduate study or a professional career, including the ability to present oneself in a professional manner;

Understand the importance of geographic inquiry and problem solving in a rapidly globalizing world, and construct an argument to explain that importance to those who are ignorant of it.