

B.A. IN GEOGRAPHY

- BA Geography with Concentration In Human And Environmental Geography (p. 1)
- BA Geography With Concentration In Geographic Information Science & Technology (GIS&T) (p. 1)
- BA Geography with a Concentration in (p. 2) Urban and Regional Planning
- BA Geography with a Concentration in Urban Studies

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
Environmental Geograpy - Select one:		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
Human Geography - Select one:		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Economic Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4310	Geography Of Gypsies (Romanies) and Travelers - WAC	
GEPL 4710	Urban Geography	
GEPL 4750	Transportation Geography	
GEPL 4810	Political Geography	
Regional Geography - Select one:		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	
GIS and Technology (GIS&T) – Select one:		3
GEPL 4180	Geographic Information Systems Applications	
GEPL 4490	Remote Sensing Of The Environment	

<i>Elective Hours</i> ¹	6
Total Hours	31

¹ Except GEPL 1010, and GEPL 1100.

Combined bachelor's to master's- Geography pipeline program

Undergraduate students accepted to the **Combined bachelor's to master's- Geography pipeline program** option will be admitted to the **MA Geography program** and allowed to complete up to three graduate level classes (nine credit hours) during their final academic year of undergraduate studies. Students admitted into the pipeline program must apply for admission to the College of Graduate Studies for the semester that they intend to matriculate. **Students must have a cumulative higher education GPA of 3.0 to be accepted into this pipeline program.** They will then continue in to the graduate program upon completion of the undergraduate degree requirements. The graduate coursework (up to nine hours) may be applied to completion of both undergraduate and graduate degree requirements. It will be the joint responsibility of the faculty and administrators in the undergraduate and graduate programs to supervise students admitted to the combined program option, to ensure that the limit of nine hours taken as an undergraduate is strictly enforced, and to request that the College of Graduate Studies change their matriculation from Undergraduate to Graduate when they meet all undergraduate degree requirements.

The following provisions apply for classes taken for graduate credit:

1) graduate classes taken at The University of Toledo only after the student is accepted in the program, 2) **GEPL 5110, GEPL 5180, GEPL 5490, GEPL 5500, GEPL 5530, GEPL 5650, GEPL 5700, GEPL 5750** may be included in the approved nine semester hours of graduate credit taken as an undergraduate. Students interested in the combined program must submit a graduate admission application to the College of Graduate Studies.

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
Environmental Geography - Select one:		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	

GEPL 4650	Geography of Earth Systems	
Human Geography - Select one:		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Economic Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4310	Geography Of Gypsies (Romanies) and Travelers - WAC	
GEPL 4710	Urban Geography	
GEPL 4750	Transportation Geography	
GEPL 4810	Political Geography	
<i>Elective</i>		3
Total Hours		31

Combined bachelor's to master's- Geography pipeline program

Undergraduate students accepted to the **Combined bachelor's to master's- Geography pipeline program** option will be admitted to the **MA Geography program** and allowed to complete up to three graduate level classes (nine credit hours) during their final academic year of undergraduate studies. Students admitted into the pipeline program must apply for admission to the College of Graduate Studies for the semester that they intend to matriculate. **Students must have a cumulative higher education GPA of 3.0 to be accepted into this pipeline program.** They will then continue in to the graduate program upon completion of the undergraduate degree requirements. The graduate coursework (up to nine hours) may be applied to completion of both undergraduate and graduate degree requirements. It will be the joint responsibility of the faculty and administrators in the undergraduate and graduate programs to supervise students admitted to the combined program option, to ensure that the limit of nine hours taken as an undergraduate is strictly enforced, and to request that the College of Graduate Studies change their matriculation from Undergraduate to Graduate when they meet all undergraduate degree requirements.

The following provisions apply for classes taken for graduate credit: 1) graduate classes taken at The University of Toledo only after the student is accepted in the program, 2) **GEPL 5110, GEPL 5180, GEPL 5490, GEPL 5500, GEPL 5530, GEPL 5650, GEPL 5700, GEPL 5750** may be included in the approved nine semester hours of graduate credit taken as an undergraduate. Students interested in the combined program must submit a graduate admission application to the College of Graduate Studies.

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
Environmental Geography - Select one:		3
GEPL 3610	Conservation And Resources	
GEPL 3900	Environmental Planning	
GEPL 4540	Weather And Climate	
GEPL 4650	Geography of Earth Systems	
Human Geography - Select one:		3
GEPL 2030	Cultural Geography	
GEPL 2040	World Regional Geography	
GEPL 2050	World Cities	
GEPL 3440	Population Geography	
GEPL 3650	Economic Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4310	Geography Of Gypsies (Romanies) and Travelers - WAC	
GEPL 4710	Urban Geography	
GEPL 4810	Political Geography	
Total Hours		31

Combined bachelor's to master's- Geography pipeline program

Undergraduate students accepted to the **Combined bachelor's to master's- Geography pipeline program** option will be admitted to the **MA Geography program** and allowed to complete up to three graduate level classes (nine credit hours) during their final academic year of undergraduate studies. Students admitted into the pipeline program must apply for admission to the College of Graduate Studies for the semester that they intend to matriculate. **Students must have a cumulative higher education GPA of 3.0 to be accepted into this pipeline program.** They will then continue in to the graduate program upon completion of the undergraduate degree requirements. The graduate coursework (up to nine hours) may be applied to completion of both undergraduate and graduate degree requirements. It will be the joint responsibility of the faculty and administrators in the undergraduate and graduate programs to supervise students admitted to the combined program option, to ensure that the limit of nine hours taken as an undergraduate is strictly enforced, and to request that the College of Graduate Studies change their matriculation from Undergraduate to Graduate when they meet all undergraduate degree requirements.

The following provisions apply for classes taken for graduate credit: 1) graduate classes taken at The University of Toledo only after the student is accepted in the program, 2) **GEPL 5110, GEPL 5180, GEPL 5490, GEPL 5500, GEPL 5530, GEPL 5650, GEPL 5700, GEPL 5750** may be included in the approved nine semester hours of graduate credit taken as an undergraduate. Students interested in the combined program must submit a graduate admission application to the College of Graduate Studies.

BA Geography With Concentration in Urban Studies

Code	Title	Hours
GEPL 2010	Fundamentals Of Geography	3
GEPL 2050	World Cities	3
GEPL 2110	Maps and Map Analysis	3
GEPL 4110	Geographic Information Systems	3
GEPL 4420	Quantitative Methods in Geographic Research	3
GEPL 4530	Principles Of Urban Planning	3
GEPL 4710	Urban Geography	3
GEPL 4990	Geography and Planning as Disciplines and Professions	1
Select one from the following: WAC (major)		3
GEPL 3610	Conservation And Resources	
GEPL 2030	Cultural Geography	
SOC 2410	Communities - Writing Across the Curriculum	
<i>Major Elective</i>		
Select two from the following:		6
SOC 2640	Race, Class, And Gender	
SOC 2410	Communities - Writing Across the Curriculum	
SOC 4100	Community Organizing and Development	
SOC 4440	People, Population, and Society: Demographic Analysis	
SOC 4450	Exploring the City	
PSC 3410	Principles of Public Policy	
PSC 4300	Principles of Public Administration	
PSC 4340	Environmental Policy	
PSC 4220	Advocacy Groups in US Politics	
GEPL 4210	Land Use Planning	
GEPL 3900	Environmental Planning	
GEPL 4750	Transportation 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. 3)
- Geography with Concentration in Geography Information Science & Technology (GIS&T) (p.)
- Geography with Concentration in Urban and Regional Planning (p. 5)
- BA Geography with a Concentration in Urban Studies (p. 5)

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

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

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

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	Economic Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Geography	
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

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	
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	
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	
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	
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	
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 Economic Geography	
GEPL 4160 Patterns Of World Development	
GEPL 4710 Urban Geography	
GEPL 4810 Political Geography	
ENGL 2710-2800 Arts/Humanities Core (English Lit)	3
Elementary Foreign Language I	4
Hours	13
Fourth Term	
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	
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	
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	
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	
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	Economic Geography	
GEPL 4160	Patterns Of World Development	
GEPL 4710	Urban Geography	
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.

BA Geography with a Concentration in Urban Studies

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

GEPL Major Elective	3
Hours	16
Second Term	
GEPL 2010 Fundamentals Of Geography	3
ENGL 1130 College Composition II: Academic Disciplines And Discourse	3
Art/Humanities Core	3
Art/Humanities Core	3
Natural Science Core with Laboratory	4
Hours	16
Third Term	
GEPL 2110 Maps and Map Analysis	3
GEPL 2050 World Cities	3
Art/Humanities Core (ENGL 2710-2800) English Literature	3
Natural Science Core	3
Elementary Foreign Language	4
Hours	16
Fourth Term	
GEPL 4110 Geographic Information Systems	3
GEPL 4530 Principles Of Urban Planning	3
Social Sciences Core	3
WAC Major Requirement	3
Elementary Foreign Language II	4
Hours	16
Fifth Term	
WAC Non-Major Requirement	3
Urban Studies Elective	3
Diversity US	3
Intermediate Foreign Language I OR Approved Culture Course	3
Elective	3
Hours	15
Sixth Term	
GEPL 4420 Quantitative Methods in Geographic Research	3
GEPL 4710 Urban Geography	3
Non US-Diversity	3
Intermediate Foreign Language II OR Approved Culture Course	3
GEPL Major Elective	3
Hours	15
Seventh Term	
GEPL 4900	1
Urban Studies Elective	3
Related Major or Minor Course	7
Elective	3
Hours	14
Eighth Term	
GEPL Major Elective	3
Elective	3
Related Major or Minor Course	3

Related Major or Minor Course	3
Hours	12
Total Hours	120

- 1. State the basic nature of human geography and its subfields (e.g., cultural, economic, environmental, political, social, urban, etc.);
- 2. Describe the basic nature of human-environmental interaction and the importance of these relationships;
- 3. State the dominant forces that have shaped and continue to shape world regions;
- 4. Apply the basic tools of geographic analysis and spatial thinking to investigate a geographic issue;
- 5. Construct a map using appropriate cartographic design, visualization and quantitative data manipulation;
- 6. Identify different kinds of maps and their uses as well as interpret what geographic information is represented on them;
- 7. Identify the fundamental concepts of Geographic Information Systems, and evaluate their importance in the further study of this evolving science;
- 8. Apply fundamental quantitative methods to a geographic issue;
- 9. Develop appropriate written and oral skills necessary for graduate study or a professional career, including the ability to present oneself in a professional manner;
- 10. 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.