


# GEOGRAPHY, B.A.

The B.A. in Geography is for students interested in the spatial and human dimensions of places, cities, and regions. Students will explore concepts and issues related to population dynamics and migration, globalization, planning, economic development, transportation systems, connectivity and accessibility, segregation, urban growth and decline. These themes are explored at the local, regional, and global scales. Students will have a chance to benefit from our areas of regional specialization: West Virginia, Appalachia, U.S. and Canada, and Latin America. The B.A. in Geography degree requires a minimum total of 39 hours of Geography coursework. Beyond the Geography Core Requirements, students choose a minimum of 12 credit hours from Human or Regional Geography. Remaining electives may be chosen from any GEO courses.

## Geography Core Requirements (B.A.): 19 credit hours











- GEO 100 Human Geography (CTI) (3 credits)
- GEO 101 Physical Geography (CT) (4 credits)
- Any Regional Geography course (3 credits)
- GEO 300 Methods in Geography (3 credits; prerequisite STA150 and 150L (preferred), STA225 or MGT 218, PSY 223, SOC 345/ANT 301 or equivalent)
- GEO 423 Cartography and GIS (3 credits)
- GEO 499 Senior Capstone (3 credits)

 - General Education Course









 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

The Core Curriculum is designed to foster critical thinking skills and introduce students to basic domains of thinking that transcend disciplines. The Core applies to all majors. Information on specific classes in the Core can be found at <https://www.marshall.edu/gened/>.

### Course Requirements

Code	Title	Credit Hours
<b>Core Curriculum</b>		
<i>Core 1: Critical Thinking</i>		
FYS 100	First Yr Sem Critical Thinking	3
GEO 100 	Intro to Human Geography (CT)	3
STA 150 	Foundations of Statistics	3
STA 150L 	Foundations of Statistics Lab	1
<i>Core 2</i>		
ENG 101 	Beginning Composition	3
ENG 201  	Advanced Composition	3
CMM 103 	Fund Speech-Communication	3
	Core II Natural/Physical Science	4
	Core II Humanities	3
GEO 100 	Intro to Human Geography (CT) (Core II Social Science)	3
STA 150 	Foundations of Statistics	3
STA 150L 	Foundations of Statistics Lab	1
	Core II Fine Arts	3

### Additional University Requirements


Writing Intensive (300/400)		3
GEO 100 	Intro to Human Geography (CT) (Multicultural or International)	3
GEO 499 	Senior Capstone II (Writing Intensive)	3
<b>College-Specific</b>		
Foreign Language 101		3
Foreign Language 102		3
Foreign Language 203		3
Foreign Language 204		3
COLA Literature		3
COLA Literature		3
COLA Humanities		3
COLA Social Science		3
COLA Social Science		3
COLA Social Science		3
GEO 101  	Physical Geography (CT) (COLA Natural/Physical Science)	4
COLA International Credit		3
COLA Multicultural Credit		3
<b>Major-Specific</b>		
GEO 100 	Intro to Human Geography (CT)	3
GEO 101  	Physical Geography (CT)	4
Any Regional Geography course		3
GEO 300	Methods in Geography	3
GEO 423	Cartography & GIS	3
GEO 499 	Senior Capstone II	2
	Human or Regional GEO Elective	3
	Human or Regional GEO Elective	3
	Human or Regional GEO Elective	3
	GEO Elective	3
	GEO Elective	3
	Free Elective	3
	Free Elective	3
	Free Elective	3
	Free Elective	3
	Free Elective	3
	Free Elective	3

## Major Information

- The total number of free electives will depend on the amount of double and triple counting of requirements.
- See course attributes each semester for courses that meet multiple requirements.
- Questions about requirements should be directed to the College of Liberal Arts (304-696-2350). Core II and COLA requirements may not be double counted.
- Forty-eight credit hours (sixteen 3-hour courses) must be at the 300/400 level.
- Students must earn a C or better in ENG 201 Advanced Composition and all foreign language courses.
- Minimum of 120 hours to graduate.
- The B.A. in Geography degree requires a minimum total of 39 hours of geography coursework. Beyond the Geography Core

Requirements, students choose a minimum of 9 credit hours from Human or Regional Geography. Remaining electives may be chosen from any GEO courses.






 - General Education Course

 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.





## Semester Plan

Geography is the systematic study of the spatial aspects of human activity, the natural world, and human-environment interaction. The discipline of Geography occupies a unique position as a bridge between the social sciences (Human Geography), natural sciences (Physical Geography), and STEM fields (GIScience). As a result, the Geography Department offers both a Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degree. Both degrees offer students broad exposure to the various subfields of Geography and provide specialized career training and preparation. Geography is a rapidly expanding discipline with diverse career opportunities across the environmental sciences, social sciences, and technological fields in both the public and private sectors.

### First Year

First Semester		Credit Hours
CMM 103 	Fund Speech-Communication	3
ENG 101 	Beginning Composition	3
FYS 100	First Yr Sem Critical Thinking	3
GEO 100 	Intro to Human Geography (CT) (MC/I)	3
STA 225  	Introductory Statistics (CT)	3
UNI 100	Freshman First Class	1
<b>Credit Hours</b>		<b>16</b>

### Second Semester

ENG 201  	Advanced Composition	3
GEO 101  	Physical Geography (CT) (Core II Nat/Phys Science)	4
Writing Intensive		3
Core II Humanities		3
Core II Fine Arts		3
<b>Credit Hours</b>		<b>16</b>

### Second Year

First Semester		Credit Hours
COLA Humanities		3
Regional Geography		3
Foreign Language 101		3
COLA Literature		3
COLA Social Science		3
<b>Credit Hours</b>		<b>15</b>

### Second Semester

Foreign Language 102		3
COLA Physical/Natural Science		4
COLA Literature		3
GEO 300	Methods in Geography	3
COLA Social Science		3
<b>Credit Hours</b>		<b>16</b>

### Third Year

#### First Semester


COLA Social Science		3
Foreign Language 203		3
GEO 423	Cartography & GIS	3
Human or Regional GEO Elective		3
COLA Multicultural		3
<b>Credit Hours</b>		<b>15</b>

#### Second Semester


Foreign Language 204		3
300/400 Writing Intensive		3
Human or Regional GEO Elective		3
COLA International		3
Free Elective		3
<b>Credit Hours</b>		<b>15</b>

### Fourth Year

#### First Semester

GEO 498 	Senior Capstone	2
Human or Regional GEO Elective		3
GEO Elective		3
Free Elective		3
Free Elective		3
<b>Credit Hours</b>		<b>14</b>

#### Second Semester

GEO 499 	Senior Capstone II	2
GEO Elective		3
Free Elective		3
Free Elective		3
Free Elective		2
<b>Credit Hours</b>		<b>13</b>

**Total Credit Hours 120**

## Geography Electives

#### Human Geography Courses

- GEO 203 Economic Geography (CT) (3 credits)
- GEO 207 Biblical Geography (Humanities; 3 credits)
- GEO 222 Global Environmental Issues (3 credits)
- GEO 401 Historical Geography (3 credits)
- GEO 405 Political Geography (3 credits)
- GEO 406 Population Geography (3 credits)
- GEO 410 Urban Geography (3 credits)
- GEO 414 Principles and Methods of Planning (3 credits)
- GEO 415 Urban Land Use Planning (3 credits)
- GEO 418 Geography for Educators (3 credits)
- GEO 422 Environmental Geography (3 credits)
- GEO 424 Transportation Geography (3 credits)
- Other Human Geography courses offered infrequently

#### Regional Geography Courses

- GEO 206 Geography of West Virginia (3 credits)
- GEO 305 Geography of North America (3 credits)
- GEO 402 Geography of Appalachia (3 credits)

- GEO 404 Geography of Europe (3 credits)
- GEO 408 Geography of South and Middle America (3 credits)
- other Regional Geography courses offered infrequently

#### *GIScience Courses*

- GEO 110 Basic GIS (1 credit)
- GEO 111 Air Photos and Satellite Imagery (1 credit)
- GEO 112 Smartphone Global Positioning Systems (GPS) (1 credit)
- GEO 113 Web GIS (1 credit)
- GEO 426 Principles of GIS (4 credits)
- GEO 427 Principles of GIS 2 (4 credits)
- GEO 429 Location Analysis and GIS (4 credits)
- GEO 430 Environmental Raster Analysis (4 credits)
- GEO 431 Principles of Remote Sensing and Photogrammetry (3 credits)
- GEO 432 Enterprise GIS (3 credits)
- GEO 433 GPS and Mobile Geospatial Technologies (3 credits)
- GEO 434 Flood Hazards and GIS (3 credits)
- GEO 440 Spatial Statistics and GIS (4 credits)
- GEO 454 Drones for Remote Sensing & GIS (3 credits)

#### *Physical Geography Courses*

- GEO 222 Global Environmental Issues (CT) (3 credits)
- GEO 230 Introduction to Meteorology (CT) (4 credits)
- GEO 355 Aviation Weather (3 credits)
- GEO 422 Environmental Geography (3 credits)
- GEO 425 Climatology (4 credits)
- GEO 450 Extreme Weather (4 credits)
- GEO 460 Weather Analysis (4 credits)

All Geography Core Requirements and many electives are also offered online on a regular basis, sufficient to meet all Geography degree requirements online. (Some courses required for Areas of Emphasis in GIScience, Meteorology, and Weather Broadcasting are not available online. Students wishing to complete those Areas of Emphasis may be able to transfer courses from other institutions to meet the requirements; see an advisor for more information.)