

GEOGRAPHY (BS)

Tourism, Environment, and Sustainable Development

The Geography program at Plymouth State University prepares students for careers in geographic information systems, computerized cartography, environmental planning and consulting, education, the military or foreign service, or for advanced work at the graduate level. Geography bridges the natural and human worlds, focusing on interrelationships between physical and cultural landscapes. It is the study of the way that people interact with their environment; it applies analytic techniques to the solution of ecological, economic, and social problems. Geography majors learn to evaluate landforming processes, to perform spatial analysis, to employ field-based research techniques, to interpret maps, aerial photographs and remotely sensed images, to understand foreign regions, and to design and implement geographic information systems and to produce computer generated maps.

Degree Requirements

Course	Title	Credits
Major Requirements		
GE 2001	Physical Geography	3
GE 2002	Human Geography	3
GE 2040	Digital Cartography	2
GE 2050	GIS I: Introduction to Geographic Information Systems (QRCO,TECO)	4
Human Geography (Group 1)		
Complete two courses from the following:		6-8
GE 3030	Urban Geography	
GE 3080	Economic Geography	
GE 4120	Topics in Human Geography	
TMP 2010	Introduction to Travel and Tourism (GACO)	
Physical Geography (Group 2)		
Complete at least six credits from the following:		6-8
BI 3240	Conservation (DICO,GACO,INCO)	
GE 3260	The Physical Geography of National Parks	
GE 3300	Introduction to Hydrology	
MT 2110	Introduction to Atmospheric Sciences ¹	
MT 2230	Introduction to Meteorological Analysis ¹	
MT 2800	Climatology (GACO)	
Regional Geography (Group 3)		
GE 4110	Topics in Regional Geography (GACO,WRCO)	3
Techniques (Group 4)		
Complete at least six credits from the following:		6-8
CM 3090	Technical Communication (TECO,WRCO)	
EPL 2100	Community Planning	
EPL 3100	Environmental Planning	
EPL 3150	Introduction to Permaculture	
GE 3050	GIS II: Advanced Geographic Information Systems	
GE 4010	Remote Sensing and Digital Image Processing	
GE 4040	Topics in Geospatial Technologies	
GE 4050	Advanced GIS Applications	
GE 4060	GIS Programming	

SO 3405	Human Dimensions of Natural Resource Management (INCO)	
SO 3605	Sustainability in Practice (WECO)	
Major Electives		
Complete at least 12 credits from the following:		12
Any course from Groups 1-4 not used to meet the Group requirements		
GE 3970	Internship (maximum of three credits)	
GE 4150	Topics in Geography	
GE 4910	Independent Study	
General Education (https://coursecatalog.plymouth.edu/general-education)		
EN 1400	Composition	4
IS 1111	The First Year Seminar: Critical Thinking and the Nature of Inquiry	3
MA	Mathematics Foundations	3-4
CTDI	Creative Thought Direction	3-4
PPDI	Past and Present Direction	3-4
SIDI	Scientific Inquiry Direction	3-4
SSDI	Self and Society Direction	3-4
Directions (choose from CTDI, PPDI, SIDI, SSDI) ²		4-8
DICO	Diversity Connection	3-4
INCO	Integration Connection	3-4
WECO	Wellness Connection	3-4
Electives		26-36
Total Credits		120

- ¹ If Introduction to Atmospheric Sciences (MT 2110) is chosen, Introduction to Meteorological Analysis (MT 2230) must also be completed.
- ² Directions should total 20 credits (unless the major has a waiver for a specific Direction).

Recommended Course Sequence

Check all course descriptions for prerequisites before planning course schedule. Course sequence is suggested but not required.

Course	Title	Credits
Year One		
EN 1400	Composition	4
IS 1111	The First Year Seminar: Critical Thinking and the Nature of Inquiry	3
MA (https://coursecatalog.plymouth.edu/general-education/#MATH)	Mathematics Foundations	3-4
GE 2001	Physical Geography	3
GE 2002	Human Geography	3
GE 2040	Digital Cartography	2
CTDI (https://coursecatalog.plymouth.edu/general-education/#CTDI)	Creative Thought Direction	3-4

PPDI (https://coursecatalog.plymouth.edu/general-education/#PPDI)	Past and Present Direction	3-4
Elective		3-6

Credits	27-33
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Year Two

GE 2050	GIS I: Introduction to Geographic Information Systems (QRCO,TECO)	4
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SIDI (https://coursecatalog.plymouth.edu/general-education/#SIDI)	Scientific Inquiry Direction	3-4
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SSDI (https://coursecatalog.plymouth.edu/general-education/#SSDI)	Self and Society Direction	3-4
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Directions (choose from CTDI, PPDI, SIDI, SSDI) (https://coursecatalog.plymouth.edu/general-education) ¹		4-8
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DICO (https://coursecatalog.plymouth.edu/general-education/#DICO)	Diversity Connection	3-4
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Electives		9-10
Credits		26-34

Year Three

Complete two Human Geography (Group 1) Courses from the following:		6-8
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GE 3030	Urban Geography
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GE 3080	Economic Geography
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GE 4120	Topics in Human Geography
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TMP 2010	Introduction to Travel and Tourism (GACO)
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Complete at least six credits of Physical Geography (Group 2) Courses from the following:		6-8
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BI 3240	Conservation (DICO,GACO,INCO)
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GE 3260	The Physical Geography of National Parks
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GE 3300	Introduction to Hydrology
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MT 2110	Introduction to Atmospheric Sciences ²
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MT 2230	Introduction to Meteorological Analysis ²
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MT 2800	Climatology (GACO)
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Regional Geography (Group 3):

GE 4110	Topics in Regional Geography (GACO,WRCO)	3
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Complete at least six credits of Techniques (Group 4) Courses from the following:		6-8
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CM 3090	Technical Communication (TECO,WRCO)
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EPL 2100	Community Planning
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EPL 3100	Environmental Planning
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EPL 3150	Introduction to Permaculture
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GE 3050	GIS II: Advanced Geographic Information Systems
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GE 4010	Remote Sensing and Digital Image Processing
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GE 4040	Topics in Geospatial Technologies
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GE 4050	Advanced GIS Applications
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GE 4060	GIS Programming	
SO 3405	Human Dimensions of Natural Resource Management (INCO)	
SO 3605	Sustainability in Practice (WECO)	
WECO (https://coursecatalog.plymouth.edu/general-education/#WECO)	Wellness Connection	3-4
Electives		0-6
Credits		24-37

Year Four

Complete at least 12 credits of Major Electives from the following:		12
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Any course from Groups 1-4 not used to meet the Group requirements	
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GE 3970	Internship (maximum of three credits)
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GE 4150	Topics in Geography
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GE 4910	Independent Study
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INCO (https://coursecatalog.plymouth.edu/general-education/#INCO)	Integration Connection	3-4
Electives		13-15

Credits	28-31
Total Credits	120

¹ Directions should total 20 credits (unless the major has a waiver for a specific Direction).

² If Introduction to Atmospheric Sciences (MT 2110) is chosen, Introduction to Meteorological Analysis (MT 2230) must also be completed.