

GEOGRAPHY, BACHELOR OF SCIENCE IN GEOGRAPHY

Minimum Total Credit Hours: 120
 Minimum Upper-Division Hours: 40
 Overall GPA - Combined and OU: 2.25
 Major GPA - Combined and OU: 2.25

Program Code: B465

- Courses required for major support may *not* also fulfill University-Wide General Education Requirements.

Major Requirements

Code	Title	Credit Hours
Required Courses		
GEOG 1113	The Language of Maps	3
or GIS 2023	Introduction to Spatial Thinking and Computer Mapping	
GEOG 3023	Principles of Physical Geography	3
GEOG 3213	Principles of Human Geography	3
GEOG 3243	Principles of Economic Geography	3
GEOG 3924	Quantitative Methods	4
GEOG 4893	Research Methods and Professional Development	3
GEOG 4953	Capstone	3
Regional Geography		
GEOG 3773	Geography of the United States	3
Choose one of the following:		
GEOG 3223	The British Empire and its Successor States	3
GEOG 4243	Geography of Asia	
GEOG 4253	Latin America Geography	
GEOG 4853	The Geography of Africa	
Geographic Information Science		
GIS 4133	Fundamentals of Remote Sensing	3
or GIS 4013	Fundamentals of Geographic Information Systems	
Electives		
Choose two Geography electives		6
Total Credit Hours		37

Major Support Requirements Science Electives

Code	Title	Credit Hours
Choose a minimum of 9 hours of faculty advisor approved electives chosen from: biological science, chemistry, computer science, mathematics, physics, engineering, or geosciences courses outside the major. At least six hours must be completed at the upper-division level (3000-4000 level)		9

CHEM 1415	General Chemistry (Continued)	5
Total Credit Hours		14

General Education and College Requirements

Courses for fulfillment of General Education and College of Atmospheric & Geographic Sciences requirements must be from the approved General Education course list at <http://www.ou.edu/content/gened/courses.html>.

University-Wide General Education (minimum 40 hours) and College of Atmospheric and Geographic Sciences Requirements

Courses graded P/NP will not apply

Code	Title	Credit Hours
Core Area I: Symbolic and Oral Communication		
<i>English Composition (6 hours)</i>		
ENGL 1113	Principles of English Composition	3
ENGL 1213	Principles of English Composition	3
or EXPO 1213	Expository Writing	
<i>Foreign Language (0-10 hours)</i>		
(0-10 hours in the same language) Students who have not completed two years of the same foreign language in high school are required to take two college courses in the same foreign language		
Beginning Course		0-5
Beginning Course, continued		0-5
<i>Mathematics (minimum 3 hours)</i>		
MATH 1914	Differential and Integral Calculus I ¹	4
Core Area II: Natural Science (minimum 7 hours, 2 courses)		
CHEM 1315	General Chemistry (Science with Lab) ¹	5
PHYS 2514	General Physics for Engineering and Science Majors (Science without Lab) ¹	4
Core Area III: Social Science (6 hours)		
P SC 1113	American Federal Government	3
Choose one course from the General Education Social Science list		3
Core Area IV: Humanities		
<i>Understanding Artistic Forms (3 hours)</i>		
Choose one course from the General Education Artistic Forms list.		3
<i>Western Civilization and Culture (6 hours)</i>		
HIST 1483	United States, 1492 to 1865	3
or HIST 1493	United States, 1865 to the Present	
Choose one course from the General Education Western Civilization & Culture list ²		3
<i>Non-Western Culture (3 hours)</i>		
Choose one course from the General Education Non-Western Culture list		3
Core Area V: Senior Capstone Experience		
3 hours required, fulfilled in Major Requirements		3
Total Credit Hours		40-50

¹ College of Atmospheric and Geographic Sciences requirements.

² Excluding HIST 1483 and HIST 1493.

At least three hours of Upper-Division General Education coursework must be completed outside the major.

Additional College of Atmospheric and Geographic Sciences Bachelor of Science Requirements

Code	Title	Credit Hours
MATH 2924	Differential and Integral Calculus II ¹	4
PHYS 2524	General Physics for Engineering and Science Majors	4
C S 1313	Programming for Non-Majors with C or METR 1313 Introduction to Programming for Meteorology	3
Total Credit Hours		11

¹ MATH 1823, MATH 2423, and MATH 2433 will also fulfill the College's calculus requirement.

Free Electives

Electives to bring total applicable hours to the minimum total required for the degree including 40 upper-division hours.

Information Concerning General Rules, Regulations and Minimum Requirements for Undergraduate Degrees

Total Hours: A minimum of 120 semester hours acceptable toward graduation must be completed.

Upper-Division Hours: A minimum of 40 upper-division semester hours acceptable toward graduation must be completed. OU courses numbered 3000 or above are upper-division. Transfer work is counted as lower-division or upper-division credit depending on the level at which it was offered at the institution where it was earned. Two-year college work is accepted only as lower-division credit.

Senior Institution Hours: A minimum of 60 semester hours applied toward graduation must be earned at senior (4-year) institutions.

Residency:

- A minimum of two semesters must be spent in residence in the College of Atmospheric and Geographic Sciences.
- At least 36 of the last 48 hours must be completed in residence at OU.

Individual Studies: No more than six hours of independent study or directed readings may be applied toward degree requirements.

Grade Point Averages: Students must earn a minimum overall 2.25 for each of the following: Combined Retention GPA (all college grades), OU Retention GPA, GPA for all major courses, and GPA for all major courses taken at OU.

Suggested Semester Plan of Study

This plan shows one possible grouping of courses that would allow students to graduate in four years. Please refer to the front of the degree checklist for official requirements. Students must consult with College of Atmospheric and Geographic Sciences and/or Department of Geography and Environmental Sustainability academic advisors to verify that courses selected each semester fulfill the recommended plan and

satisfy university, College of Atmospheric & Geographic Sciences, and Geography major requirements.

Course	Title	Credit Hours
Freshman		
First Semester		
ENGL 1113	Principles of English Composition (Core I)	3
CHEM 1315	General Chemistry (Core II)	5
MATH 1914	Differential and Integral Calculus I (Core I)	4
Elective		2
Credit Hours		14
Second Semester		
ENGL 1213 or EXPO 1213	Principles of English Composition (Core I) or Expository Writing	3
MATH 2924	Differential and Integral Calculus II	4
CHEM 1415	General Chemistry (Continued)	5
Elective		3
Credit Hours		15
Sophomore		
First Semester		
GEOG 1113 or GIS 2023	The Language of Maps or Introduction to Spatial Thinking and Computer Mapping	3
PHYS 2514	General Physics for Engineering and Science Majors	4
P SC 1113	American Federal Government (Core III)	3
General Education	Social Science (Core III) ¹	3
HIST 1483 or HIST 1493	United States, 1492 to 1865 (Core IV) or United States, 1865 to the Present	3
Credit Hours		16
Second Semester		
GEOG 3023	Principles of Physical Geography	3
PHYS 2524	General Physics for Engineering and Science Majors	4
C S 1313	Programming for Non-Majors with C	3
General Educ.	Western Civilization & Culture Elective (Core IV) ¹	3
Free Elective		3
Credit Hours		16
Junior		
First Semester		
GEOG 3924	Quantitative Methods	4
General Education	Non-Western Culture (Core IV) ¹	3
GEOG 3213	Principles of Human Geography	3
GIS 4013 or GIS 4133	Fundamentals of Geographic Information Systems or Fundamentals of Remote Sensing	3
Free Elective		3
Credit Hours		16
Second Semester		
GEOG 3243	Principles of Economic Geography	3
GEOG Elective		3
GEOG 3773	Geography of the United States	3

Major Support Science Elective ²	3
General Education Understanding Artistic Forms (Core IV) ¹	3
Credit Hours	15
Senior	
First Semester	
GEOG 4893 Research Methods and Professional Development	3
GEOG Regional Geography Course	3
GEOG Elective	3
Major Support Science Elective ²	3
Free Elective	3
Credit Hours	15
Second Semester	
GEOG 4953 Capstone	3
Major Support Science Elective ²	3
Free Elective	3
Free Elective	3
Free Elective	1
Credit Hours	13
Total Credit Hours	120

¹ To be chosen from the University-Wide General Education Approved Course List. Three hours of general education must be upper-division outside the major.

² Choose a minimum of 9 hours of faculty advisor approved electives chosen from: biological science, chemistry, computer science, mathematics, physics, engineering, or geosciences courses outside the major. At least six hours must be completed at the upper-division level (3000-4000 level).

Note: No more than 52 hours of Geography coursework may be taken to fulfill the 120 minimum total credit hours required.