

**REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN GEOGRAPHY**  
**COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES**  
 THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education:  
**Summer 2015 through Spring 2016**

<b>GENERAL REQUIREMENTS</b>	
Total Credit Hours . . . . .	126
Total Upper-Division Credit Hours . . . . .	40
<b>Minimum Retention/Graduation Grade Point Averages:</b>	
Minimum in OU Coursework . . . . .	2.25
Minimum in Major Coursework – Combined and OU . . . . .	2.25
Overall – Combined and OU . . . . .	2.25

Geography  
**B465**  
 Bachelor of Science in  
 Geography

**OU encourages students to complete at least 30 hours of applicable coursework each year to have the opportunity to graduate in four years.**

<b>GENERAL EDUCATION AND COLLEGE REQUIREMENTS</b> Courses graded P/NP will not apply.	<b>Courses required for major support may <u>not</u> also fulfill University-Wide General Education Requirements</b>																																																							
<p>Courses for fulfillment of General Education and College of Atmospheric &amp; Geographic Sciences requirements must be from the approved General Education course list at <a href="http://www.ou.edu/content/gened/courses.html">http://www.ou.edu/content/gened/courses.html</a>.</p> <p style="text-align: center;"><b>University-Wide General Education (minimum 40 hours) and College of Atmospheric and Geographic Sciences Requirements</b></p> <p style="text-align: center;"><b>Courses graded P/NP will not apply</b></p> <p><b>Core Area I: Symbolic and Oral Communication</b> (9-19 hours, 3-5 courses)</p> <p>A. <b>English Composition</b> (6 hours, 2 courses)</p> <ol style="list-style-type: none"> <li>English 1113, Principles of English Composition</li> <li>English 1213, Principles of English Composition, or EXPO 1213, Expository Writing</li> </ol> <p>B. <b>Foreign Language</b> (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.</p> <ol style="list-style-type: none"> <li>Beginning Course (0-5 hours) _____</li> <li>Beginning Course, continued (0-5 hours) _____</li> </ol> <p>C. <b>Mathematics</b> (3 hours, 1 course). *<b>MATH 1914</b>, Differential &amp; Integral Calculus I</p> <p><b>Core Area II: Natural Science</b> (7 hours, 2 courses) including one laboratory component.</p> <ol style="list-style-type: none"> <li><b>Science with Lab:</b> *<b>CHEM 1315</b>, General Chemistry</li> <li><b>Science without Lab:</b> *<b>PHYS 2514</b>, General Physics for Engr. &amp; Science Majors</li> </ol> <p><b>Core Area III: Social Science</b> (6 hours, 2 courses)</p> <ol style="list-style-type: none"> <li>Political Science 1113, American Federal Government</li> <li>_____</li> </ol> <p><b>Core Area IV: Humanities</b> (12 hours, 4 courses)</p> <p>a: <b>Understanding Artistic Forms</b> (3 hours, 1 course) _____</p> <p>b. <b>Western Civilization and Culture</b> (6 hours, 2 courses)</p> <ol style="list-style-type: none"> <li>History 1483, U.S., 1492-1865, or History 1493, U.S., 1865-Present,</li> <li>_____ (excluding HIST 1483 and 1493)</li> </ol> <p>c. <b>Non-Western Culture</b> (3 hours, 1 course): _____</p> <p><b>Core Area V: Senior Capstone Experience</b> (3 hours, 1 course): _____</p> <p>At least three hours of Upper-Division General Education coursework must be completed outside the major.</p> <p>*College of Atmospheric and Geographic Sciences requirements</p>	<b>MAJOR REQUIREMENTS</b> (37 hours, 12 courses)	<b>MAJOR SUPPORT REQUIREMENTS</b>																																																						
	<p><b>Regional Geography</b></p> <p>GEOG 3773, Geography of the U.S.</p> <p>Students must complete GEOG 3773, plus one additional regional geography course listed below:</p> <p>GEOG 3223, British Empire and its Successor States</p> <p>GEOG 4243, Geography of Asia</p> <p>GEOG 4253, Latin America Geography</p> <p>GEOG 4853, Geography of Africa</p> <p>_____</p> <p>One course in Geographic Information Science chosen from the following:</p> <p>GIS 4133, Fundamentals of Remote Sensing</p> <p>GIS 4013, Fundamentals of GIS</p> <p>_____</p> <p>Six hours of Geography electives:</p> <p>_____</p> <p>_____</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: right;">3</td> </tr> <tr> <td>GEOG 1113, The Language of Maps, or GIS 2023, Intro. to Spatial Thinking &amp; Computer Mapping</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 3023, Principles of Physical Geography</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 3213, Principles of Human Geography</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 3243, Principles of Economic Geography</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 3924, Quantitative Methods</td> <td style="text-align: right;">4</td> </tr> <tr> <td>GEOG 4893, Research Methods &amp; Professional Development</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 4953, Capstone</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"><b>Regional Geography</b></td> </tr> <tr> <td>GEOG 3773, Geography of the U.S.</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2">Students must complete GEOG 3773, plus one additional regional geography course listed below:</td> </tr> <tr> <td>GEOG 3223, British Empire and its Successor States</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 4243, Geography of Asia</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 4253, Latin America Geography</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GEOG 4853, Geography of Africa</td> <td style="text-align: right;">3</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2">One course in Geographic Information Science chosen from the following:</td> </tr> <tr> <td>GIS 4133, Fundamentals of Remote Sensing</td> <td style="text-align: right;">3</td> </tr> <tr> <td>GIS 4013, Fundamentals of GIS</td> <td style="text-align: right;">3</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2">Six hours of Geography electives:</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">3</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">3</td> </tr> </table>		3	GEOG 1113, The Language of Maps, or GIS 2023, Intro. to Spatial Thinking & Computer Mapping	3	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 & Professional Development	3	GEOG 4953, Capstone	3	<b>Regional Geography</b>		GEOG 3773, Geography of the U.S.	3	Students must complete GEOG 3773, plus one additional regional geography course listed below:		GEOG 3223, British Empire and its Successor States	3	GEOG 4243, Geography of Asia	3	GEOG 4253, Latin America Geography	3	GEOG 4853, Geography of Africa	3	_____	3	One course in Geographic Information Science chosen from the following:		GIS 4133, Fundamentals of Remote Sensing	3	GIS 4013, Fundamentals of GIS	3	_____	3	Six hours of Geography electives:		_____	3	_____	3	<p><b>Science Electives</b></p> <p>A minimum of nine hours of faculty adviser 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).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"></td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">3</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CHEM 1415, General Chemistry II</td> <td style="text-align: right;">5</td> </tr> </table> <p style="text-align: center;"><b>Free Electives</b></p> <p>Electives to bring total applicable hours to 126 including 40 upper-division hours.</p>		3	_____	3	_____	3	CHEM 1415, General Chemistry II
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**Additional College of Atmospheric and Geographic Sciences Bachelor of Science Requirements:**

- MATH 1914**, Differential & Integral Calculus I
- MATH 2924**, Differential & Integral Calculus II
- PHYS 2524**, General Physics for Engr. & Science Majors
- C S 1313**, Programming for Non-Majors, or **METR 1313**, Programming for Meteorology

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

## INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

**TOTAL HOURS:** A minimum of 126 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.

**GRADEPOINT 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.

**Refer to the OU General Catalog for more complete information.**

### Suggested Semester Plan of Study — Bachelor of Science in Geography (B465)

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 checksheet for official requirements. Students must consult with College of Atmospheric and Geographic Sciences and/or Department of Geography and Environmental Sustainability academic advisers to verify that courses selected each semester fulfill the recommended plan and satisfy university, College of Atmospheric & Geographic Sciences, and Geography major requirements.

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
<b>FRESHMAN</b>	ENGL 1113, Principles of English Composition (Core I)	3	ENGL 1213, Principles of English Composition (Core I), or	3
	CHEM 1315, General Chemistry (Core II)	5	EXPO 1213, Expository Writing (Core I)	
	HIST 1483, United States 1492-1865, or 1493, United States 1865-Present (Core IV)	3	MATH 2924, Differential & Integral Calculus II	3
	MATH 1914, Differential & Integral Calculus I (Core I)	4	CHEM 1415, General Chemistry	5
	Elective	2	<sup>1</sup> Elective	4
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>
<b>SOPHOMORE</b>	P SC 1113, American Federal Government (Core III)	3	PHYS 2524, General Physics for Engineering & Science Majors	4
	PHYS 2514, General Physics for Engineering & Science Majors	4	C S 1313, Computer Programming	3
	<sup>1</sup> General Education Social Science (Core III)	3	<sup>1</sup> General Educ. Western Civilization & Culture Elective (Core IV)	3
	GEOG 1113, The Language of Maps, or	3	GEOG 3023, Principles of Physical Geography	3
	GIS 2023, Intro. to Spatial Thinking & Computer Mapping	3	Free Elective	3
	Free Elective	4		
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
<b>JUNIOR</b>	GEOG 3924, Analytic Methods in Geography	4	<sup>3</sup> Science Elective	3
	<sup>1</sup> General Education Non-Western Culture (Core IV)	3	<sup>1</sup> General Education Understanding Artistic Forms (Core IV)	3
	GEOG 3213, Principles of Human Geography	3	GEOG 3243, Principles of Economic Geography	3
	<sup>2</sup> GIS Geographical Information Science Course	3	<sup>3</sup> GEOG Elective	3
	Free Elective	3	GEOG 3773, Geography of the United States	3
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>
<b>SENIOR</b>	<sup>3</sup> Science Elective	3	<sup>3</sup> Science Elective	3
	Free Elective	3	Free Elective	3
	GEOG 4893, Research Methods & Professional Development	3	Free Elective	3
	GEOG Elective	3	Free Elective	3
	<sup>4</sup> GEOG Regional Geography Course	3	GEOG 4953, Capstone	3
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

**Bachelor's degrees require a minimum of 48 hours of upper-division (3000-4000) coursework.**

This plan of study should not be used in lieu of academic advisement.

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

<sup>2</sup> = One Geographical Information Science course (3 credit hours) chosen from GIS 4133 or 4013 (or course approved by faculty adviser).

<sup>3</sup> = A minimum of nine hours of faculty-adviser-approved courses in biological science, chemistry, computer science, mathematics, physics, engineering, or geosciences science courses outside the major. Six hours must be upper-division.

<sup>4</sup> = One regional geography course (three credit hours) chosen from GEOG 3223, 4243, 4253, 4853, or a course approved by faculty adviser.

**NOTE:** No more than 52 hours of Geography coursework may be taken to fulfill the 126 minimum total credit hours required.