

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 2018 through Spring 2019

GENERAL REQUIREMENTS	
Total Credit Hours	149
Total Upper-Division Credit Hours	40
Minimum Retention/Graduation Grade Point Averages:	
Minimum in OU Coursework	2.25
Minimum in Major Coursework – Combined and OU	2.25
Overall – Combined and OU	2.25

Geography
A465
 Bachelor of Science in Geography/
 Master of Regional & City Planning
F817-Q275

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

GENERAL EDUCATION AND COLLEGE REQUIREMENTS Courses graded P/NP will not apply.	Courses required for major support may <u>not</u> also fulfill University-Wide General Education Requirements																																									
<p>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/geded/courses.html.</p> <p align="center">University-Wide General Education (minimum 40 hours) and College of Atmospheric and Geographic Sciences Requirements Courses graded P/NP will not apply</p> <p>Core Area I: Symbolic and Oral Communication (9-22 hours, 3-6 courses) A. English Composition (6 hours, 2 courses) 1. English 1113, Principles of English Composition 2. English 1213, Principles of English Composition, or EXPO 1213, Expository Writing B. Foreign Language (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. 1. Beginning Course (0-5 hours) _____ 2. Beginning Course, continued (0-5 hours) _____ C. Mathematics (3 hours, 1 course). *MATH 1914, Differential & Integral Calculus I</p> <p>Core Area II: Natural Science (7 hours, 2 courses) including one laboratory component. 1. Science with Lab: *CHEM 1315, General Chemistry 2. Science without Lab: *PHYS 2514, General Physics for Engr. & Science Majors</p> <p>Core Area III: Social Science (6 hours, 2 courses) 1. Political Science 1113, American Federal Government 2. _____</p> <p>Core Area IV: Humanities (12 hours, 4 courses) a: Understanding Artistic Forms (3 hours, 1 course) _____ b. Western Civilization and Culture (6 hours, 2 courses) 1. History 1483, U.S., 1492-1865, or History 1493, U.S., 1865-Present, 2. _____ (excluding HIST 1483 and 1493) c. Non-Western Culture (3 hours, 1 course): _____</p> <p>Core Area V: Senior Capstone Experience (3 hours, 1 course): _____</p> <p>At least three hours of Upper-Division General Education coursework must be completed outside the major. *College of Atmospheric and Geographic Sciences requirements</p> <p align="center">Additional College of Atmospheric and Geographic Sciences Bachelor of Science Requirements:</p> <p>Additional College of Atmospheric and Geographic Sciences Bachelor of Science Requirements: 1. MATH 1914, Differential & Integral Calculus I (carries General Educ. credit) 2. MATH 2924, Differential & Integral Calculus II 3. PHYS 2524, General Physics for Engr. & Science Majors 4. CS 1313, Programming for Non-Majors with C, or METR 1313, Programming for Meteorology</p> <p>MATH 1823, 2423, and 2433 will also fulfill the College's calculus requirement.</p>	MAJOR REQUIREMENTS (37 hours, 12 courses)	SHARED HOURS																																								
	<table border="0"> <tr> <td>GIS 2023, Intro. to Spatial Thinking & Computer Mapping</td> <td align="center">3</td> <td rowspan="12"> *These 12 hours of Graduate Credit, along with GIS 5013 in the major work, count towards both the undergraduate and graduate degrees: *RCPL 5013, History & Theory of Urban Plan. 3 *RCPL 5053, Planning Management 3 *RCPL 5203, Urban Land Use Controls 3 *RCPL 5173, Urban and Regional Analysis 3 MRCP Component (29 hours) RCPL 5113, Urban Planning Research Methods 3 RCPL 5525, Comprehensive Regional & City Planning Project 5 OR RCPL 5522, Comprehensive RCPL Project: Report. & Implementation, and RCPL 5523, Comprehensive RCPL Project: Research & Plan Making Three Specialization courses (9 hours) in either Physical Planning or Community & Economic Development: _____ 3 _____ 3 _____ 3 One course (3 hours) from the opposite track's breadth courses: _____ 3 Graduate-level RCPL Electives (9 hours), chosen in consultation with Graduate advisor: _____ 3 _____ 3 _____ 3 Free Electives Electives to bring total applicable hours to 149. </td> </tr> <tr> <td>GEOG 3023, Principles of Physical Geography</td> <td align="center">3</td> </tr> <tr> <td>GEOG 3213, Principles of Human Geography</td> <td align="center">3</td> </tr> <tr> <td>GEOG 3243, Principles of Economic Geography</td> <td align="center">3</td> </tr> <tr> <td>GEOG 3924, Quantitative Methods</td> <td align="center">4</td> </tr> <tr> <td>GEOG 4893, Research Methods & Professional Development</td> <td align="center">3</td> </tr> <tr> <td>GEOG 4953, Capstone</td> <td align="center">3</td> </tr> <tr> <td>*GIS 5013, Fundamentals of GIS</td> <td align="center">3</td> </tr> <tr> <td colspan="2">Regional Geography</td> </tr> <tr> <td>GEOG 3773, Geography of the U.S. Students must complete GEOG 3773, plus one additional regional geography course listed below:</td> <td align="center">3</td> </tr> <tr> <td>GEOG 3223, British Empire and its Successor States</td> <td align="center">3</td> </tr> <tr> <td>GEOG 4243, Geography of Asia</td> <td align="center">3</td> </tr> <tr> <td>GEOG 4253, Latin America Geography</td> <td align="center">3</td> </tr> <tr> <td>GEOG 4853, Geography of Africa</td> <td align="center">3</td> </tr> <tr> <td>_____</td> <td align="center">3</td> </tr> <tr> <td>_____</td> <td align="center">3</td> </tr> <tr> <td>_____</td> <td align="center">3</td> </tr> <tr> <td>Six hours of Geography electives: _____</td> <td align="center">3</td> </tr> <tr> <td>_____</td> <td align="center">3</td> </tr> <tr> <td>_____</td> <td align="center">3</td> </tr> </table>	GIS 2023, Intro. to Spatial Thinking & Computer Mapping	3	*These 12 hours of Graduate Credit, along with GIS 5013 in the major work, count towards both the undergraduate and graduate degrees: *RCPL 5013, History & Theory of Urban Plan. 3 *RCPL 5053, Planning Management 3 *RCPL 5203, Urban Land Use Controls 3 *RCPL 5173, Urban and Regional Analysis 3 MRCP Component (29 hours) RCPL 5113, Urban Planning Research Methods 3 RCPL 5525, Comprehensive Regional & City Planning Project 5 OR RCPL 5522, Comprehensive RCPL Project: Report. & Implementation, and RCPL 5523, Comprehensive RCPL Project: Research & Plan Making Three Specialization courses (9 hours) in either Physical Planning or Community & Economic Development: _____ 3 _____ 3 _____ 3 One course (3 hours) from the opposite track's breadth courses: _____ 3 Graduate-level RCPL Electives (9 hours), chosen in consultation with Graduate advisor: _____ 3 _____ 3 _____ 3 Free Electives Electives to bring total applicable hours to 149.	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	*GIS 5013, Fundamentals of GIS	3	Regional Geography		GEOG 3773, Geography of the U.S. Students must complete GEOG 3773, plus one additional regional geography course listed below:	3	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	_____	3	_____	3	Six hours of Geography electives: _____	3	_____	3	_____	3
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<p>Additional College Requirements</p> <p>CHEM 1415, General Chemistry II 5</p> <p>Upper-Division Science Electives 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). _____ 3 _____ 3 _____ 3</p>																																										

INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

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.

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/Master of Regional & City Planning: A465/F818-Q275

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 academic advisers to verify that courses selected each semester fulfill the recommended plan and satisfy university, College of Atmospheric & Geographic Sciences, and Environmental Sustainability major requirements.

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
FRESHMAN	ENGL 1113, Principles of English Comp. (Core I)	3	ENGL 1213, Principles of English Comp. (Core I), or	3
	HIST 1483, United States 1492-1865, or	3	EXPO 1213, Expository Writing (Core I) Beginning	
	1493, United States 1865-Present (Core IV)		CHEM 1415, General Chemistry	5
	CHEM 1315, General Chemistry	5	MATH 2924, Differential & Integral Calculus II	4
	MATH 1914, Differential & Integral Calculus I (Core I)	4	GEOG Elective	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15
SOPHOMORE	GIS 2023, Intro. to Spatial Thinking	3	PHYS 2524, General Physics for Engineering & Science Majors	4
	PHYS 2514, General Physics for Engineering & Science Majors	4	C.S 1313, Computer Prog. for Non-Majors, or METR 1313, Prog. for Meteorology	3
	P SC 1113, American Federal Government (Core III)	3	GEOG 3023, Principles of Physical Geography	3
	¹ General Education Social Science (Core III)	3	GEOG Elective	3
	¹ General Education Non-Western Culture (Core IV)	3	¹ General Education Western Civilization & Culture (Core IV)	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
JUNIOR	GEOG 3213, Principles of Human Geography	3	GEOG 3243, Principles of Economic Geography	3
	GEOG 3924, Analytic Methods in Geography	4	GEOG 3773, Geography of the U.S.	3
	*GIS 5013, Fundamentals of GIS	3	*RCPL 5203, Urban Land Use Controls	3
	Regional GEOG course	3	² Science Elective	3
	² Science Elective	3	¹ General Education Understanding Artistic Forms (Core IV)	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15
SENIOR	GEOG 4893, Research Methods	3	GEOG 4953, Capstone	3
	*RCPL 5013, History & Theory of Urban Planning	3	*RCPL 5173, Urban & Regional Analysis	3
	RCPL 5113, Urban Planning Research Methods	3	Breadth course in selected RCPL specialization	3
	² Science Elective	3	Free Elective	3
	Free Elective	3		
	TOTAL CREDIT HOURS	18	TOTAL CREDIT HOURS	12
5th YEAR	RCPL 5525 Comprehensive RCPL Project Studio or RCPL 5523 {Fa}/5522{Sp}	3-5	*RCPL 5053, Planning Management	3
	Breadth course in selected RCPL specialization	3	Breadth course in selected RCPL specialization	3
	Breadth course in non-selected specialization	3	RCPL specialization elective	3
	RCPL specialization elective	3	RCPL specialization elective	3
			(RCPL 5522, if not in Fall)	0-2
	TOTAL CREDIT HOURS	12-14	TOTAL CREDIT HOURS	12-14

*= These courses are shared between the undergraduate and graduate degrees.

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= A minimum of 9 hours of science courses to be 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).

Bachelor's degrees require a minimum of 40 hours of upper-division (3000-4000) coursework.

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