

REQUIREMENTS FOR THE BACHELOR OF ARTS IN GEOGRAPHIC INFORMATION SCIENCE
COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES
 THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education:
Summer 2014 through Spring 2015

GENERAL REQUIREMENTS	
Total Credit Hours	127
Total Upper-Division Credit Hours	48
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

Geographic Information Science
B450
 Bachelor of Arts in Geographic Information Science

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 the major or 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/enrollment/home/classes_offered/general_education.html.</p> <p style="text-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 (9-19 hours, 3-5 courses)</p> <p>A. English Composition (6 hours, 2 courses)</p> <p>1. English 1113, Principles of English Composition</p> <p>2. English 1213, Principles of English Composition, or EXPO 1213, Expository Writing</p> <p>B. Foreign Language (0-10 hours in the same language)</p> <p>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> <p>1. Beginning Course (0-5 hours) _____</p> <p>2. Beginning Course, continued (0-5 hours) _____</p> <p>C. Mathematics (3 hours, 1 course). _____</p> <p>Core Area II: Natural Science (7 hours, 2 courses) including one laboratory component.</p> <p>1. _____</p> <p>2. _____</p> <p>Core Area III: Social Science (6 hours, 2 courses)</p> <p>1. Political Science 1113, American Federal Government</p> <p>2. _____</p> <p>Core Area IV: Humanities (12 hours, 4 courses)</p> <p>a. Understanding Artistic Forms (3 hours, 1 course) _____</p> <p>b. Western Civilization and Culture (6 hours, 2 courses)</p> <p>1. History 1483, U.S., 1492-1865, or History 1493, U.S., 1865-Present,</p> <p>2. _____ (excluding HIST 1483 and 1493)</p> <p>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.</p> <p style="text-align: center;">Additional College of Atmospheric and Geographic Sciences Bachelor of Arts Requirements:</p> <p>Humanities or Social Science Elective (3 hours, 1 course). To be chosen from the University-Wide General Education Approved List.</p> <p>Humanities/Social Science: _____</p> <p>Natural Science Elective (4 hours, 1 course). With or without a laboratory component. To be chosen from the University-Wide General Education Approved List.</p> <p>Natural Science: _____</p> <p>Foreign Language (6 hours, 2 courses at the intermediate level).</p> <p>Intermediate Course (3 hours) _____</p> <p>Intermediate Course (3 hours) _____</p>	MAJOR REQUIREMENTS	MAJOR SUPPORT REQUIREMENTS	
	CORE (27 hours, 9 courses)	Remote Sensing (6 hours, 2 courses)	Additional College Requirements (24 hours)
GIS 2013, Geospatial Tech. & Society 3 GIS 2023, Intro. to Spatial Thinking 3 GEOG 3773, Geography of the U.S. 3 GIS 4013, Fundamentals of GIS 3 GIS 4253, GIS Applications 3 GIS 4453, Adv. GIS & Spatial Analysis 3 GIS 4653, Spatial Programming 3 GEOG 4893, Research Methods & Professional Development 3 GIS 4953, GIS Capstone 3	GIS 4133, Fund. of Remote Sensing _____ 3 GIS 4233, Digital Image Processing _____ 3 GIS 4393, Automated Analysis of Spatial Grids _____ 3 GIS 4970, Topics (Remote Sensing), or Adviser-approved elective _____ 3	<p>Cognate</p> <p>Twelve hours (12 hours, to include 6 upper-division hours, 4 courses) in the same area, to be chosen from the following: botany, economics, geography, geology, journalism, meteorology, political science, psychology, regional & city planning, sociology, or another adviser-approved area.</p> <p>_____ 3</p> <p>_____ 3</p> <p>_____ 3</p> <p>_____ 3</p>	
_____ 3 _____ 3	<p style="text-align: center;">Statistics (7 hours, 2 courses)</p> GEOG 3924, Quantitative Methods 4 GIS 4923, Spatial Statistics 3	<p style="text-align: center;">Additional Adviser-Approved Electives (12 hours)</p> <p>_____ 3</p> <p>_____ 3</p> <p>_____ 3</p> <p>_____ 3</p>	
<p style="text-align: center;">Computer-Related (6 hours, 2 courses)</p> MIS 2113, Computer-Based Info. Sys. 3 MIS 3013, Intro. to Programming 3	_____ 3 _____ 3	<p style="text-align: center;">Free Electives</p> <p>Electives to bring total applicable hours to 124 including 48 upper-division hours.</p>	

