

**REQUIREMENTS FOR THE BACHELOR OF ARTS**  
**COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES**  
**THE UNIVERSITY OF OKLAHOMA**

Academic Year	General Requirements	Program
For Students Entering the Oklahoma State System for Higher Education Summer 2023 through Spring 2024	Minimum Total Credit Hours ..... 120 Minimum Upper-Division Hours ..... 40 <b>Minimum Retention/Graduation Grade Point Averages:</b> Overall - Combined and OU ..... 2.25 Major - Combined and OU ..... 2.25	<b>Environmental Sustainability: Science &amp; Natural Resources</b>  <b>B408 P591</b>  Bachelor of Arts
OU encourages students to complete at least 30 hours of applicable coursework each year to have the opportunity to graduate in 4 years.		

**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:** B408 P591

## General Education and College Requirements

Courses for fulfillment of General Education and college requirements must be from the approved General Education course lists at <http://www.ou.edu/content/gedned/courses.html>. **Courses graded P/NP will not apply.**

### UNIVERSITY-WIDE GENERAL EDUCATION (MINIMUM 40 HOURS) AND COLLEGE REQUIREMENTS

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

Code	Title	Credit Hours
<b>Core Area I: Symbolic and Oral Communication</b>		
<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>Language (0-10 hours)</i>		
(0-10 hours) Students who have not completed two years of the same language in high school are required to take two college courses in the same language		
Beginning Course		0-5
Beginning Course, continued		0-5
<i>Mathematics (3 hours)</i>		
Choose one course from the General Education Mathematics list		3
<b>Core Area II: Natural Science (7 hours, 2 courses)</b>		
Choose two courses including one laboratory component		7
<b>Core Area III: Social Science (6 hours)</b>		
P SC 1113	American Federal Government	3
Choose one course from the General Education Social Science list		3
<b>Core Area IV: Arts and Humanities</b>		
<i>Artistic Forms (3 hours)</i>		
Choose one course from the General Education Artistic Forms list		3
<i>Western Culture (3 hours)</i>		
HIST 1483	United States to 1865	3
or HIST 1493	United States, 1865 to the Present	
Choose one course from the General Education Western Culture list (excluding HIST 1483 & 1493)		3

<i>World Culture (3 hours)</i>	
Choose one course from the General Education World Culture list	3
<b>Core Area V: First Year Experience (3 hours)</b>	
Choose one course	3
<b>Total Credit Hours</b>	<b>37-47</b>

### ADDITIONAL COLLEGE B.A. REQUIREMENTS

Code	Title	Credit Hours
<b>Humanities and Social Science Electives (3 hours must be Upper-Division)</b>		
Choose one course from Arts & Humanities Gen Ed lists		3
Choose one course from the Social Science Gen Ed list		3
<b>Natural Science Elective</b>		
Choose one Gen Ed-approved course with or without a laboratory component		3-4
<b>Language</b>		
Choose one course at the intermediate level <sup>2</sup>		3
<b>Total Credit Hours</b>		<b>12-13</b>

If the student successfully places beyond the second intermediate course, the 13 hours of required language will become free electives.

## Free Electives

Electives to bring total applicable hours to the minimum total required for the degree.

## Major Requirements

- Courses required for the major may also fulfill University-Wide General Education Requirements.

Code	Title	Credit Hours
<b>Core</b>		
GEOG 1203	Global Environmental Issues	3
GEOG 3233	Principles of Sustainability	3
GEOG 3443	Environment and Society	3
GEOG 3773	Geography of the United States	3
GEOG 3924	Quantitative Methods	4
GIS 2023	Introduction to Spatial Thinking and Computer Mapping	3
GEOG 4523	Life Cycle Analysis	3
GEOG 4893	Research Methods and Professional Development	3
GEOG 4953	Capstone	3
<b>Science &amp; Natural Resources</b>		
Choose a minimum of 12 hours (p. 2)		12
<b>Total Credit Hours</b>		<b>40</b>

PBIO 3453	Principles of Plant Ecology	3
SOC 3643	Population and Society	3

More information in the catalog: (<http://ou-public.courseleaf.com/atmospheric-geographic-sciences/geography-environmental-sustainability/environmental-sustainability-science-natural-resources-bachelor-arts/>).

## Major Support Requirements

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

Code	Title	Credit Hours
<b>Advisor-Approved Electives</b>		
Choose twenty-four hours of advisor-approved coursework relevant to the student's field(s) of study. These 24 hours are to be outside the student's major School or Department, and must include six hours at the upper-division level (3000-4000-level)		24
<b>Total Credit Hours</b>		<b>24</b>

## Science & Natural Resources Course List

A minimum of 12 hours of Science & Natural Resources coursework is required in the major, to be chosen from the following courses or other advisor-approved courses, **with no more than two courses from one department.**

Code	Title	Credit Hours
BIOL 3563	Biological Conservation	3
BIOL 4423	Stream Ecology	3
CEES 4243	Water Technologies for Emerging Regions	3
GEOG 3023	Principles of Physical Geography	3
GEOG 3253	Environmental Conservation	3
GEOG 3890	Selected Studies in Geography (Water and Society)	3
GEOG 4200	Internship in Geography	1-6
GEOG 4283	Biogeography	3
GEOG 4293	Hydrologic Science	3
GEOG 4343	Climate, History, and Society	3
GEOG 4583	Energy Systems and Sustainability	3
METR 4553	Climate and Renewable Energy	3

## 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 academic advisors 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 Composition ( Core I )	3	ENGL 1213 or EXPO 1213	Principles of English Composition ( Core I ) or Expository Writing	3
		Beginning Language (Core I)	5		Beginning Language continued (Core I)	5
	GEOG 1203	Global Environmental Issues ( Core III )	3	P SC 1113	American Federal Government ( Core III )	3
		General Education Math (Core I) <sup>1</sup>	3		First Year Experience (Core V)	3
	<b>CREDIT HOURS</b>		<b>14</b>	<b>CREDIT HOURS</b>		<b>14</b>
SOPHOMORE		General Education Natural Science with lab (Core II) <sup>1</sup>	4-5		General Education Natural Science (Core II) <sup>1</sup>	3-4
	GIS 2023	Introduction to Spatial Thinking and Computer Mapping	3		General Education Western Culture (Core IV) <sup>1</sup>	3
		General Education Artistic Forms (Core IV) <sup>1</sup>	3		General Education World Culture (Core IV) <sup>1</sup>	3
		Intermediate Language (College elective)	3		General Education Social Science Elective <sup>1</sup>	3
	HIST 1483 or HIST 1493	United States to 1865 ( Core IV ) or United States, 1865 to the Present	3	GEOG 3924	Quantitative Methods	4
	<b>CREDIT HOURS</b>		<b>16-17</b>	<b>CREDIT HOURS</b>		<b>16-17</b>
JUNIOR	GEOG 3233	Principles of Sustainability	3	GEOG 3443	Environment and Society	3
		College Elective <sup>2</sup>	3	GEOG 4523	Life Cycle Analysis	3
		College Elective <sup>2</sup>	3		College Elective <sup>2</sup>	3
		Science & Natural Resources Concentration Elective <sup>3</sup>	3		Science & Natural Resources Concentration Elective <sup>3</sup>	3
		General Education Arts & Humanities Elective <sup>1</sup>	3		Natural Science Elective <sup>1</sup>	3-4
	<b>CREDIT HOURS</b>		<b>15</b>	<b>CREDIT HOURS</b>		<b>15-16</b>
SENIOR	GEOG 3773	Geography of the United States	3	GEOG 4953	Capstone	3
	GEOG 4893	Research Methods and Professional Development	3		College Elective <sup>2</sup>	3
		College Elective <sup>2</sup>	3		College Elective <sup>2</sup>	3
		College Elective <sup>2</sup>	3		College Elective <sup>2</sup>	3
		Science & Natural Resources Concentration Elective <sup>3</sup>	3		Science & Natural Resources Concentration Elective <sup>3</sup>	3
	<b>CREDIT HOURS</b>		<b>15</b>	<b>CREDIT HOURS</b>		<b>15</b>

<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> Twenty-four hours of advisor-approved coursework relevant to the student's field(s) of study. These 24 hours are to be outside the student's major School or Department, and must include six hours at the upper-division level (3000-4000-level).

<sup>3</sup> A minimum of 12 hours, to be chosen from the following **concentration**, with no more than two courses from one department:

**Science and Natural Resources:** BIOL 3563, BIOL 4423; CEES 4243; GEOG 3023, GEOG 3253, GEOG 3890 (Water and Society), GEOG 4200, GEOG 4283, GEOG 4293, GEOG 4343; METR 4553; PBIO 3453; SOC 3643.