

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

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2026 through Spring 2027

General Requirements	
Minimum Total Credit Hours	140
Minimum Upper-Division Hours	40
Minimum Retention/Graduation Grade Point Averages:	
Overall - Combined and OU	3.00
Major - Combined and OU	3.00

Program
Environmental Systems and Sustainability, B.S./M.R.C.P.
A411/F817Q227
Accelerated

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

GENERAL EDUCATION AND COLLEGE REQUIREMENTS

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

MINIMUM OF 40 HOURS REQUIRED FOR UNIVERSITY-WIDE GENERAL EDUCATION

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

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>Language (0-10 hours)</i>		
(0-10 hours in the same language) 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 (minimum 3 hours)</i>		
	Choose one course from the General Education Mathematics list ¹	3
Core Area II: Natural Science (7 hours)		
	Choose two courses, each from different disciplines, with one laboratory component. ¹	7
Core Area III: Social Science (6 hours)		
P SC 1113	American Federal Government	3
	Choose one course from General Education Social Science list ¹	3
Core Area IV: Arts and Humanities		
<i>Artistic Forms (3 hours)</i>		
	Choose one course from the General Education Artistic Forms list. ¹	3
<i>Western Culture (6 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 and HIST 1493) ¹	3
<i>World Culture (3 hours)</i>		
	Choose one course from the General Education World Culture list ¹	3
Core Area V: First Year Experience (3 hours)		
AGSC 1513	Where the Land Meets the Sky ²	3
Total Credit Hours		37-47

- ¹ To be chosen from the University-Wide General Education Approved Course List. Three hours of general education must be upper-division outside of the major.
- ² If a student transfers into the program after already taking an approved OU FYE course they will not be required to take AGSC 1513

FREE ELECTIVES

Electives to bring total applicable hours to 140 including 40 upper-division hours.

UNDERGRADUATE REQUIREMENTS

MAJOR REQUIREMENTS

A grade of C or better must be earned in each course counted for major credit.

Code	Title	Credit Hours
Core		
GIS 1313	Computers and Programs for Environmental Professionals	3
GIS 2023	Introduction to Spatial Thinking and Computer Mapping	3
GEOG 3023	Principles of Physical Geography	3
GEOG 3213	Principles of Human Geography	3
GEOG 3923	Quantitative Methods	3
GEOG 4893	Research and Professional Development	3
GEOG 4953	Capstone	3
Major Requirements		
GEOG 3233	Principles of Sustainability	3
GEOG 3253	Environmental Conservation	3
GEOG 3443	Environment and Society	3
GEOG 4033	Human Dimensions of Global Environmental Change	3
GEOG 4183	Patterns and Processes in Landscape Ecology	3
	Choose one of the following courses:	3
	GEOG 4043 Urban Climatology	
	GEOG 4273 Regional Climatology	
	GEOG 4293 Hydrologic Science	
	GEOG 4583 Energy Systems and Sustainability	
Major Electives		
	Choose 9 hours of shared graduate 5000-level electives from GEOG, GIS or RCPL. ¹	9
Total Credit Hours		48

- ¹ Shared coursework: Students may share up to 24 hours of Graduate Credit, including GIS 5013 and 9 hours of graduate program electives, which counts toward both the undergraduate and graduate degrees.
Shared Electives: Choose up to 9 hours of 5000-level courses from GEOG, GIS or RCPL to apply to both the undergraduate and graduate degrees.

MAJOR SUPPORT REQUIREMENTS

Courses required for Major Support Requirements may also fulfill University-Wide General Education Requirements.

Code	Title	Credit Hours
MATH 1523	Precalculus and Trigonometry	3
PHYS 2414	General Physics for Life Science Oriented Majors	4
	or PHYS 2514 General Physics for Engineering and Science Majors	
Total Credit Hours		7

MRCP GRADUATE REQUIREMENTS

Code	Title	Credit Hours
RCPL 5013	History and Theory of Urban Planning ¹	3
RCPL 5063	Planning with Diverse Communities	3
RCPL 5113	Urban Planning Research Methods ¹	3
RCPL 5173	Urban and Regional Analysis ¹	3
RCPL 5203	Urban Land Use Controls ¹	3
GIS 5013	Fundamentals of Geographic Information Systems ¹	3
	Choose one of the following:	5
	RCPL 5525 Comprehensive Regional And City Planning Project	
	RCPL 5522 Comprehensive RCPL Project: Reporting and Implementation	
	& RCPL 5523 Comprehensive RCPL Project: Research and Plan Making	
<i>Program Electives</i>		
	Choose 21 hours ^{1,2}	21
Total Credit Hours		44

- 1 Shared coursework: Students may share up to 24 hours of Graduate Credit (including GIS 5013 and 9 hours of graduate program electives) which counts toward both the undergraduate and graduate degrees. GIS 5013 replaces MRCP requirement for RCPL 5463.
- 2 Shared Electives: Choose up to 9 hours of 5000-level courses from GEOG, GIS or RCPL to apply to both the undergraduate and graduate degrees.

More information in the catalog: (<http://ou-public.courseleaf.com/atmospheric-geographic-sciences/geography-environmental-sustainability/environmental-systems-sustainability-bachelor-science-master-regional-city-planning/>).

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 Systems and 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
	AGSC 1513	Where the Land Meets the Sky	3	P SC 1113	American Federal Government (Core III)	3
	MATH 1523	Precalculus and Trigonometry	3		Social Science (Core III) ¹	3
		Artistic Forms (Core IV)	3		World Culture (Core IV) ¹	3
		Free Elective	3		Free Elective	3
	CREDIT HOURS		15	CREDIT HOURS		15
SOPHOMORE		Beginning Language	5		Beginning Language Ctd (Core I)	5
	GIS 1313	Computers and Programs for Environmental Professionals	3	PHYS 2414 or PHYS 2514	General Physics for Life Science Oriented Majors or General Physics for Engineering and Science Majors	4
	GIS 2023	Introduction to Spatial Thinking and Computer Mapping	3	HIST 1483 or HIST 1493	United States to 1865 or United States, 1865 to the Present	3
		Free Elective	3		Natural Science with lab (Core II) ¹	4
	CREDIT HOURS		14	CREDIT HOURS		16
JUNIOR	GEOG 3023	Principles of Physical Geography	3	GEOG 3213	Principles of Human Geography	3
	GEOG 3233	Principles of Sustainability	3	GEOG 3253	Environmental Conservation	3
	RCPL 5013	History and Theory of Urban Planning ²	3	GEOG 3443	Environment and Society	3
		Western Culture (Core IV)	3	GEOG 3923	Quantitative Methods	3
		Shared Graduate Elective ²	3	GIS 5013	Fundamentals of Geographic Information Systems ²	3
	CREDIT HOURS		15	CREDIT HOURS		15
SENIOR	GEOG 4893	Research and Professional Development	3	GEOG 4953	Capstone	3
	GEOG 4033	Human Dimensions of Global Environmental Change	3		Choose one of the following courses:	3
	GEOG 4183	Patterns and Processes in Landscape Ecology	3	GEOG 4043	Urban Climatology	
	RCPL 5113	Urban Planning Research Methods ²	3	GEOG 4273	Regional Climatology	
		Shared Graduate Elective ²	3	GEOG 4293	Hydrologic Science	
				GEOG 4583	Energy Systems and Sustainability	
			RCPL 5173	Urban and Regional Analysis ²	3	
			RCPL 5203	Urban Land Use Controls ²	3	
				Shared Graduate Elective ²	3	
	CREDIT HOURS		15	CREDIT HOURS		15
FIFTH YEAR	RCPL 5523	Comprehensive RCPL Project: Research and Plan Making (Fa)	3	RCPL 5522	Comprehensive RCPL Project: Reporting and Implementation	2
		Graduate Elective ³	3	RCPL 5063	Planning with Diverse Communities ²	3
		Graduate Elective ³	3		Graduate Elective ³	3
		Graduate Elective ³	3			
	CREDIT HOURS		12	CREDIT HOURS		8

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 Shared coursework (24 hours): These courses may be shared between the undergraduate and graduate degrees within GEOG, GIS or RCPL disciplines.

³ Choose from 5000-level GEOG, GIS and/or RCPL courses.