REQUIREMENTS FOR THE BACHELOR OF SCIENCE/MASTER OF REGIONAL & CITY PLANNING
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 2024 through Spring 2025**	Minimum Total Credit Hours ..... **149** Minimum Upper-Division Hours ..... **40** **Minimum Retention/Graduation Grade Point Averages:** Overall - Combined and OU ..... **3.00** Major - Combined and OU **3.00**	**Environmental Sustainability: Planning & Management** **A410 P516/F817 Q229** Bachelor of Science/Master of Regional & City Planning

OU encourages students to complete at least 30 hours of applicable coursework each year to have the opportunity to graduate in 5 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**

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
Core Area I: Symbolic and Oral Communication		
English Composition (6 hours)		
ENGL 1113	Principles of English Composition	3
ENGL 1213	Principles of English Composition	3
or EXPO 1213	Expository Writing	
Language (0-10 hours)		
(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
Mathematics (minimum 3 hours)		
MATH 1743	Calculus I for Business, Life and Social Sciences [1,2]	3
or MATH 1823	Calculus and Analytic Geometry I	
Core Area II: Natural Science (minimum 7 hours, 2 courses)		
CHEM 1315	General Chemistry (Science with Lab) [1]	5
PHYS 2414	General Physics for Life Science Oriented Majors [1]	4
or PHYS 2514	General Physics for Engineering and Science Majors	
Core Area III: Social Science (6 hours)		
P SC 1113	American Federal Government	3
Choose one course from the General Education Social Science list		3
Core Area IV: Arts and Humanities		
Artistic Forms (3 hours)		
Choose one course from the General Education Artistic Forms list.		3
Western Culture (6 hours)		
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)		3
World Culture (3 hours)		
Choose one course from the General Education World Culture list		3
Core Area V: First Year Experience (3 hours)		
Choose one course		3
Total Credit Hours		**39-49**

1 College of Atmospheric and Geographic Sciences requirements.

2 MATH 1914 will also fulfill the College's calculus requirement.

ADDITIONAL COLLEGE BACHELOR OF SCIENCE REQUIREMENTS

Code	Title	Credit Hours
GEOG 1114	Physical Geography	4
Total Credit Hours		**4**

FREE ELECTIVES

Electives to bring total applicable hours to 149 including 40 upper-division hours.

UNDERGRADUATE REQUIREMENTS

MAJOR REQUIREMENTS

Code	Title	Credit Hours
Core		
GEOG 1203	Global Environmental Issues	3
GEOG 2021	Exploring DGES	1
GEOG 3233	Principles of Sustainability	3
GEOG 3443	Environment and Society	3
GEOG 3923	Quantitative Methods	3
GIS 2023	Introduction to Spatial Thinking and Computer Mapping	3
GEOG 4523	Life Cycle Analysis	3
GEOG 4893	Research and Professional Development	3
GEOG 4953	Capstone	3
Computer-Related		
GIS 1313	Computers and Programs for Environmental Professionals	3
Major Electives		
Choose two of the following:		6
GEOG 3043	Living With Nature	
GEOG 3523	Managing for a Changing Climate	
GEOG 3843	Gender and Environment	
GEOG 4033	Human Impact on the Earth	
GEOG 4123	Cities and Society	
GEOG 4423	Environmental Justice	
GEOG 4583	Energy Systems and Sustainability	
GEOG 4653	Urban Sustainability: Nature, Justice, and the City	
GEOG 4663	Water and Society	
Planning & Management		
Choose a minimum of 9 hours, including at least 6 hours of GEOG courses, from the Planning and Management Approved Course List		9
Total Credit Hours		**43**

MAJOR SUPPORT REQUIREMENTS

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

Code	Title	Credit Hours
Upper-Division Science Electives		
Choose a minimum of 15 hours of 3000-4000-level courses to be chosen from a list of approved courses maintained by the department.		15
Total Credit Hours		**15**

SHARED HOURS

These 15 hours of Graduate Credit count towards both the undergraduate and graduate degrees:

Code	Title	Credit Hours
GIS 5013	Fundamentals of Geographic Information Systems	3
RCPL 5013	History and Theory of Urban Planning	3
RCPL 5063	Planning with Diverse Communities	3
RCPL 5203	Urban Land Use Controls	3
RCPL 5173	Urban and Regional Analysis	3
Total Credit Hours		**15**

MRCP COMPONENT

Code	Title	Credit Hours
RCPL 5113	Urban Planning Research Methods	3
Choose one of the following:		5
RCPL 5525	Comprehensive Regional And City Planning Project	
RCPL 5522 & RCPL 5523	Comprehensive RCPL Project: Reporting and Implementation and Comprehensive RCPL Project: Research and Plan Making	

Program Electives	21
Total Credit Hours	**29**

More information in the catalog: (http://ou-public.courseleaf.com/atmospheric-geographic-sciences/geography-environmental-sustainability/environmental-sustainability-planning-management-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 3.00 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 checksheet 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
	HIST 1483 or HIST 1493	United States to 1865 (Core IV) or United States, 1865 to the Present	3	P SC 1113	American Federal Government (Core III)	3
	MATH 1823 or MATH 1743	Calculus and Analytic Geometry I or Calculus I for Business, Life and Social Sciences	3	GEOG 1114	Physical Geography	4
	GEOG 1203	Global Environmental Issues	3		General Education: Artistic Forms (Core IV) [1]	3
		First Year Experience (Core V)	3		Free Elective	3
		CREDIT HOURS	**15**		**CREDIT HOURS**	**16**
SOPHOMORE	GEOG 2021	Exploring DGES	1	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	GEOG 3443	Environment and Society	3
	CHEM 1315	General Chemistry	5	GIS 1313	Computers and Programs for Environmental Professionals	3
		General Education: Western Culture (Core IV) [1]	3		Free Elective, lower- or upper-division	3
		Free Elective, lower- or upper-division	3		Free Elective, lower- or upper-division	4
		CREDIT HOURS	**15**		**CREDIT HOURS**	**17**
JUNIOR	GEOG 3233	Principles of Sustainability	3	GEOG 3923	Quantitative Methods	3
	GIS 5013	Fundamentals of Geographic Information Systems [2]	3	GEOG 4523	Life Cycle Analysis	3
		Planning & Management Concentration course [3]	3	RCPL 5203	Urban Land Use Controls [2]	3
		Upper Division Science Elective [4]	3		Major Elective	
		Upper Division Science Elective [4]	3		Upper Division Science Elective [4]	3
					Upper Division Science Elective [4]	3
		CREDIT HOURS	**15**		**CREDIT HOURS**	**15**
SENIOR	GEOG 4893	Research and Professional Development	3	GEOG 4953	Capstone	3
	RCPL 5013	History and Theory of Urban Planning [2]	3	RCPL 5173	Urban and Regional Analysis [2]	3
	RCPL 5113	Urban Planning Research Methods	3		Planning & Management Concentration course [3]	3
		Major Elective			Upper Division Science Elective [4]	3
		Planning & Management Concentration course [3]	3		Graduate Elective	3
		General Education: World Culture (Core IV) [1]	3			
		CREDIT HOURS	**15**		**CREDIT HOURS**	**15**
FIFTH YEAR		Choose one of the following:	3-5	RCPL 5063	Planning with Diverse Communities [2]	3
	RCPL 5525	Comprehensive Regional And City Planning Project			Graduate Elective	3
	RCPL 5523	Comprehensive RCPL Project: Research and Plan Making (Fa) [5]			Graduate Elective	3
		Graduate Elective	3		Graduate Elective	3
		Graduate Elective	3		Choose the following if RCPL 5523 taken in the Fall:	0-2
		Graduate Elective	3	RCPL 5522	Comprehensive RCPL Project: Reporting and Implementation	
		CREDIT HOURS	**14**		**CREDIT HOURS**	**12**

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 These courses are shared between the undergraduate and graduate degrees.

3 A minimum of 12 hours, including at least 6 hours of GEOG courses, to be chose from the Planning and Management concentration approved course list.

4 A minimum of 15 hours of 3000-4000 -level courses to be chosen from the approved list of courses maintained by the department.

5 In addition to taking RCPL 5522 in the Spring.

PLANNING & MANAGEMENT COURSE LIST

A minimum of 9 hours of Planning & Management coursework is required in the undergraduate major, to be chosen from the following department maintained approved course list or other advisor-approved courses. **At two courses (6 hours) must be GEOG courses.**

Code	Title	Credit Hours
B AD 2113	Introduction to Business I	3
ECON 3213	Environmental Economics	3
ENT 2113	Innovation & Entrepreneurship	3
ENT 3113	New Venture Development I	3
GEOG 4003	The Global City and Planning Issues	3
GEOG 4333	Corporate Environmental Strategy	3
GEOG 4343	Climate, History, and Society	3
GEOG 4583	Energy Systems and Sustainability	3
GEOG 4970	Special Topics/Seminar (Topic: Environmental Economics)	3
HSTM 3473	History of Ecology and Environmentalism	3
HSTM 3483	Technology, Politics, and International Development	3
IAS 3073	Global Economic Relations	3
IAS 3323	The Political Economy of Development	3
IAS 3603	Energy, Environment & Climate Change in China	3
IAS 3653	Energy, Climate, and Security	3
METR 4553	Climate and Renewable Energy	3
MGT 2013	Introduction to Management	3
MKT 2013	Introduction to Marketing and Supply Chain Management	3
NPNG 2033	Introduction to Nonprofits	3
NPNG 3033	Nonprofit Management	3
PHIL 3293	Environmental Ethics	3
P SC 3020	Problems in American Government and Politics	3
P SC 3133	Politics and Public Administration	3
P SC 3193	Nonprofits and Public Policy	3
P SC 3213	Law, Politics, and Society	3
P SC 3233	Environmental Policy and Administration	3
P SC 4193	The Profession of Public Management	3
SOC 3643	Population and Society	3
SOC 3893	Environment, Ecology and Society	3

SCIENCE ELECTIVES

Code	Title	Credit Hours
ANTH 3873	Primate Evolution and Behavior	3
ANTH 4593	Anthropology of Human Reproduction	3
CEES 4243	Water Technologies for Emerging Regions	3
CEES 4324	Environmental Biology and Ecology	4
BIOL 3403	Principles of Ecology	3
BIOL 3463	Water and Ecological Sustainability	3
BIOL 3563	Biological Conservation	3
BIOL 4423	Stream Ecology	3
BIOL 4463	Lake Ecology	3
CHEM 3053	Organic Chemistry I: Biological Emphasis	3
CHEM 3153	Organic Chemistry II: Biological Emphasis	3
ENST 3303	Food, Agriculture, and the Environment	3
ENST 3503	Energy Use, Climate Change, and the Environment	3
ENST 3713	Nature in the City	3
ENST 3743	Biological Invasions and Society	3
GEOG 3023	Principles of Physical Geography	3
GEOG 3043	Living With Nature	3
GEOG 3523	Managing for a Changing Climate	3
GEOG 4043	Urban Climatology	3
GEOG 4183	Patterns and Processes in Landscape Ecology	3
GEOG 4273	Regional Climatology	3
GEOG 4283	Biogeography	3
GEOG 4293	Hydrologic Science	3
GEOG 4513	Real-world Applications of Climate and Weather Information	3
GEOG 4943	Natural Hazards	3
GEOL 3633	Introduction to Oceanography	3
GEOL 3013	The Geology of Oklahoma	3
GEOL 3033	Earth Resources and the Environment	3
GEOL 4633	Hydrogeology	3
GIS 4013	Fundamentals of Geographic Information Systems	3
GIS 4133	Fundamentals of Remote Sensing	3
GIS 4233	Digital Image Processing	3
GIS 4253	GIS Applications	3
GIS 4453	Advanced GIS and Spatial Analysis	3
GIS 4733	Environmental Remote Sensing	3
GIS 4833	Environmental Spatial Modeling	3
METR 4443	Introduction to Tropical Meteorology	3
METR 4533	Earth's Past Climate	3
METR 4553	Climate and Renewable Energy	3
METR 4713	Private Sector Meteorology	3
MIS 3013	Introduction to Programming	3
PBIO 3453	Principles of Plant Ecology	3
PBIO 3534		4
PBIO 4733	Environmental Remote Sensing	3
P SC/SOC 3123	Social Statistics	3