REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN ENVIRONMENTAL SUSTAINABILITY
COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES
THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education:

Summer 2015 through Spring 2016

GENERAL REQUIREMENTS

Total Credit Hours **120**
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**

Environmental Sustainability:
Science & Natural Resources

B410 P591
Bachelor of Science in Environmental Sustainability

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 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/gened/courses.html.

University-Wide General Education (minimum 40 hours) and College of Atmospheric and Geographic Sciences Requirements

Courses graded P/NP will not apply

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

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

Core Area III: Social Science (6 hours, 2 courses)

1. Political Science 1113, American Federal Government
2. _____

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):_____

Core Area V: Senior Capstone Experience (3 hours, 1 course): _____

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

*College of Atmospheric and Geographic Sciences requirements

Additional College of Atmospheric and Geographic Sciences Bachelor of Science Requirements:

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. **C S 1313**, Programming for Non-Majors, **or** **METR 1313**, Programming for Meteorology

MATH 1823, 2423, and 2433 will also fulfill the College's calculus requirement.

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

MAJOR REQUIREMENTS

CORE (28 hours, 9 courses)

GEOG 1203, Global Environmental Issues	3
GEOG 3233, Principles of Sustainability	3
GEOG 3443, Environment & Society	3
GEOG 3773, Geography of the U.S.	3
GEOG 3924, Quantitative Methods	4
GIS 4013, Fundamentals of GIS	3
GEOG 4523, Life Cycle Analysis	3
GEOG 4893, Research Methods	3
GEOG 4953, Capstone	3

Science & Natural Resources (12 hours)

A minimum of 12 hours, to be chosen from the following courses, with no more than two courses from one department.

BIOL 3563, Biological Conservation
BIOL 4423, Stream Ecology
CEES 4243, Water Technologies for Emerging Regions
GEOG 3023, Principles of Physical Geography
GEOG 3253, Environmental Conservation
GEOG 3563, Geography of Natural Resources
GEOG 3890, Selected Studies: Water & Society
GEOG 4200, Internship in Geography
GEOG 4283, Biogeography
GEOG 4293, Hydrologic Science
GEOG 4343, Climate, History & Society
GEOG 4583, Renewable Energy Resources
GEOL 3154, Environmental Geology
METR 4553, Climate & Renewable Energy
PBIO 3453, Principles of Plant Ecology
PBIO 4623, Ecosystem Ecology
RCPL 4863, Environmental Assessment Methodologies
SOC 3643, Population & Society

_____	3
_____	3
_____	3
_____	3

MAJOR SUPPORT REQUIREMENTS

Additional College Requirements

Upper-Division Science Electives

A minimum of 15 hours of 3000-4000 -level courses to be chosen from chemistry, computer science, engineering, geology, geophysics, mathematics, management information systems, meteorology, or physics; or statistics courses from microbiology, plant biology, political science, psychology, or sociology.

_____	3
_____	3
_____	3
_____	3
_____	3

Free Electives

Electives to bring total applicable hours to 120 including 40 upper-division hours.