

Bachelor of Science in Environmental Science -- University of Science and Arts of Oklahoma

Interdisciplinary Studies (IDS) (46-48 hours)

| | | Hours | Trimester |
|----------|--|-------|-----------|
| IDS 1013 | Rhetoric and Critical Thinking | 3 | _____ |
| IDS 1133 | The Individual in Contemporary Society | 3 | _____ |
| IDS 1113 | Introduction to College Writing | 3 | _____ |
| IDS 1213 | Writing about Literature | 3 | _____ |
| IDS 1223 | Mathematics in the Modern World | 3 | _____ |

Artistic Expression -- 2 hours

_____ Hours _____ Trimester

Physical Expression -- 2 hours

| | | | |
|-----------|--------------------------------|---|-------|
| PHED 1011 | Concepts of Health and Fitness | 1 | _____ |
|-----------|--------------------------------|---|-------|

_____ Hours _____ Trimester

| | | Hours | Trimester |
|-------------|--|-------|-----------|
| IDS 2013 | Foundations of Physical Science | 3 | _____ |
| IDS 2023 | Foundations of Life Science | 3 | _____ |
| IDS 2011 | Foundations of Science Lab | 1 | _____ |
| IDS 2133 | American Civilization I | 3 | _____ |
| IDS 2143 | American Civilization II | 3 | _____ |
| IDS 3223 | Political and Economic Systems and Theories | 3 | _____ |
| IDS 3313 | World Thought and Culture I | 3 | _____ |
| IDS 3323 | World Thought and Culture II | 3 | _____ |
| IDS 4333 | World Thought and Culture III | 3 | _____ |
| IDS 4522 or | Senior Seminar or | 2 | _____ |
| IDS 4552 | Research Project II (prerequisite: IDS 4462) | 4 | _____ |

Environmental Science Major (64 Hours)

13 hours in Biology, 16 hours in Chemistry, 11 hours in Environmental/Natural Science, 8 hours in STEM, 7 hours in Math and Physics, 9 hours in Electives

Biology Required Courses -- 13 hours

| | | Hours | Trimester |
|-----------|---------------------------|-------|-----------|
| BIOL 1301 | Survey of Organisms Lab | 1 | _____ |
| BIOL 1303 | Survey of Organisms | 3 | _____ |
| BIOL 2011 | Plant and Fungal Lab | 1 | _____ |
| BIOL 2013 | Plant and Fungal | 3 | _____ |
| BIOL 2401 | Field Techniques I | 1 | _____ |
| BIOL 4501 | Principles of Ecology Lab | 1 | _____ |
| BIOL 4503 | Principles of Ecology | 3 | _____ |

Environmental and Natural Science Required Courses -- 11 hours

| | | | |
|-----------|---------------------------------------|-----|-------|
| ENVR 2003 | Earth System Science | 3 | _____ |
| ENVR 2103 | Introduction to Environmental Science | 3 | _____ |
| ENVR 3313 | Environmental Ethics | 3 | _____ |
| NSCI 1710 | Success in STEM | 0/1 | _____ |
| NSCI 2102 | Scientific Writing | 2 | _____ |
| NSCI 2710 | STEM Communication | 0/1 | _____ |
| NSCI 3710 | Next Step Preparation | 0/1 | _____ |

Or substitute NSCI 1711, 2711, and 3711 for the corresponding course(s) above

STEM Elective Courses -- 8 hours

_____ Hours _____ Trimester

_____ Hours _____ Trimester

_____ Hours _____ Trimester

_____ Hours _____ Trimester

A minimum of 124 hours is required

A minimum of 40 hours of upper division work is required

The Environmental Science major exit exam is required

Degree requirements effective July 2022

Chemistry Required Courses -- 12 hours

| | | Hours | Trimester |
|-----------|--------------------------|-------|-----------|
| CHEM 1111 | General Chemistry I Lab | 1 | _____ |
| CHEM 1113 | General Chemistry I | 3 | _____ |
| CHEM 1121 | General Chemistry II Lab | 1 | _____ |
| CHEM 1123 | General Chemistry II | 3 | _____ |
| CHEM 3221 | Organic Chemistry I Lab | 1 | _____ |
| CHEM 3303 | Organic Chemistry I | 3 | _____ |

Chemistry Elective Courses -- 4 hours

_____ Hours _____ Trimester

Elective Courses -- 9 hours (minimum 6 hours of upper division)

** must come from outside STEM Fields (Advisor Approval Required)

_____ Hours _____ Trimester

_____ Hours _____ Trimester

_____ Hours _____ Trimester

Prerequisite Mathematics Courses

| | | | |
|-----------|-----------------|---|-------|
| MATH 1513 | College Algebra | 3 | _____ |
| MATH 1613 | Trigonometry | 3 | _____ |

Mathematics and Physics Required Courses -- 7 hours

| | | | |
|-----------|-----------------------|---|-------|
| MATH 2203 | Elementary Statistics | 3 | _____ |
| PHYS 1301 | General Physics I Lab | 1 | _____ |
| PHYS 2113 | General Physics I | 3 | _____ |

Or substitute PHYS 2214 for PHYS 2113

