

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

Interdisciplinary Studies (IDS) (44 hours)

		Hours	Trimester
IDS 1003	First Year Seminar	3	_____
IDS 1133	The Individual in Contemporary Society	3	_____
IDS 1113	English Comp I: Intro to College Writing	3	_____
IDS 1213	English Comp II: Writing About Literature	3	_____
IDS 1223	Contemporary Math	3	_____

Artistic Expression -- 2 hours

_____	_____	_____	_____
_____	_____	_____	_____

Physical Expression -- 2 hours

KINE 1011	Concepts of Health and Fitness	1	_____
_____	_____	_____	_____

Environmental Science Major (64 Hours)

12 hours in Biology, 16 hours in Chemistry, 15 hours in Environmental/Natural Science, 5 hours in STEM, 7 hours in Math and Physics, 9 hours in Electives

Biology Required Courses -- 12 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 4501	Principles of Ecology Lab	1	_____
BIOL 4503	Principles of Ecology	3	_____

Environmental and Natural Science Required Courses -- 10 hours

ENVR 2003	Earth System Science	3	_____
ENVR 2101	Intro to Environmental Science Lab	1	_____
ENVR 2103	Introduction to Environmental Science	3	_____
ENVR 3313	Environmental Ethics	3	_____

Natural Science Required Courses -- 5 hours

NSCI 2102	Scientific Writing	2	_____
NSCI 3102	STEM Communication through Outreach	2	_____
NSCI 3711	Next Step Preparation	1	_____

STEM Elective Courses -- 5 hours

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

A minimum of 122 credit hours is required

No more than 61 hrs of junior college credit may count towards 122

A minimum of 40 hours of upper division credit is required

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	_____

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

_____	_____	_____	_____
_____	_____	_____	_____

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

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

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

Computer proficiency required

Degree requirements effective August 2025

