

Bachelor of Science in Biology -- 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	_____
_____	_____	_____	_____

Biology Major (71 hours)

36 hours in Biology, 16 hours in Chemistry, 8 hours in Physics, 6 hours in Mathematics, 5 hours in Natural Science

Biology Required Courses -- 20 hours

		Hours	Trimester
BIOL 1201	Principles of Biology Lab	1	_____
BIOL 1203	Principles of Biology	3	_____
BIOL 1301	Survey of Organisms Lab	1	_____
BIOL 1303	Survey of Organisms	3	_____
BIOL 3331	General Genetics Lab	1	_____
BIOL 3333	General Genetics	3	_____
BIOL 3511	Cellular & Molecular Biology Lab	1	_____
BIOL 3523	Cellular & Molecular Biology	3	_____
BIOL 4501	Principles of Ecology Lab	1	_____
BIOL 4503	Principles of Ecology	3	_____

Biology Elective Courses -- 16 hours (BIOL or CHEM 3321 & 3323 use once)

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

Mathematics Required Courses -- 6 - 9 hours

MATH 1513	College Algebra	3	_____
MATH 1613	Trigonometry	3	_____
MATH 2203	Elementary Statistics	3	_____

Or substitute MATH 1743 for MATH 1513 and MATH 1613

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

		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	_____

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 minimum (CHEM 3321 & 3323 use once)

_____	_____	_____	_____
_____	_____	_____	_____

Physics Required Courses -- 8 - 10 hours

PHYS 1301	General Physics I Lab	1	_____
PHYS 2113	General Physics I	3	_____
PHYS 1401	General Physics II Lab	1	_____
PHYS 2123	General Physics II	3	_____

Or substitute PHYS 2214 for PHYS 2113 and PHYS 2224 for PHYS 2123

Natural Science Required Course -- 5 hours

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

Elective Courses -- 7 hours

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

Computer proficiency required

Degree requirements effective August 2025

