

Bachelor of Science in Biology with Teacher Certification -- University of Science and Arts of Oklahoma

Interdisciplinary Studies (IDS) (46-48 hours)				Hours	Trimester					Hours	Trimester		
IDS 1013	Rhetoric and Critical Thinking	3	_____	IDS 2013	Foundations of Physical Science	3	_____					3	_____
IDS 1133	The Individual in Contemporary Society	3	_____	IDS 2023	Foundations of Life Science	3	_____					3	_____
IDS 1113	Introduction to College Writing	3	_____	IDS 2011	Foundations of Science Lab	1	_____					1	_____
IDS 1213	Writing about Literature	3	_____	IDS 2133	American Civilization I	3	_____					3	_____
IDS 1223	Mathematics in the Modern World	3	_____	IDS 2143	American Civilization II	3	_____					3	_____
Artistic Expression -- 2 hours								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	_____		
Physical Expression -- 2 hours								IDS 4333	World Thought and Culture III	3	_____		
PHED 1011	Concepts of Health and Fitness	1	_____	IDS 4522 or	Senior Seminar or	2	_____					2	_____
_____								IDS 4552	Research Project II (prerequisite: IDS 4462)	4	_____		

Biology Major (59 hours) and Professional Education (34 hours)

24 hours in Biology, 12 hours in Chemistry, 9 hours in Mathematics, 8 hours in Physics, 6 hours in Environmental and Natural Science, 34 hours in Education

Biology Required Courses -- 24 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 2251	Human Anatomy Lab	1	_____		
BIOL 2253	Human Anatomy	3	_____		
BIOL 3121	Human Physiology Lab	1	_____		
BIOL 3123	Human Physiology	3	_____		
BIOL 3331	General Genetics Lab	1	_____		
BIOL 3333	General Genetics	3	_____		
BIOL 3811	Basic Microbiology Lab	1	_____		
BIOL 3813	Basic Microbiology	3	_____		

Chemistry Required Courses -- 12 hours

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	_____		

Physics Required Courses -- 8 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

Mathematics Required Courses -- 9 hours				Hours	Trimester
MATH 1513	College Algebra	3	_____		
MATH 1613	Trigonometry	3	_____		
MATH 2203	Elementary Statistics	3	_____		

Environmental and Natural Science Required Courses -- 6 hours

ENVR 2003	Earth System Science	3	_____		
ENVR 2103	Introduction to Environmental Science	3	_____		
NSCI 1710	Success in STEM	0	_____		
NSCI 2710	STEM Communication	0	_____		
NSCI 3710	Next Step Preparation	0	_____		

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

Professional Education -- 34 hours

EDUC 2002	Orientation to Teaching	2	_____		
EDUC 2011	Level 1 Clinical Experiences	1	_____		
EDUC 2022	Education of the Exceptional Child	2	_____		
EDUC 2103	Human Development & Learning	3	_____		
EDUC 3102	Educational Psychology	2	_____		
EDUC 3203	School and Society	3	_____		
EDUC 3211	Level 2 Clinical Experiences	1	_____		
EDUC 3343	Educational Technology	3	_____		
EDUC 4442	Classroom Management and Evaluation	2	_____		
NSCI 4463	Teaching Science in Secondary School	3	_____		
EDUC 4542	Applied Professional Studies	2	_____		
EDUC 4410	Student Teaching in the Secondary School	10	_____		

Foreign Language Requirement

_____	_____	_____	_____
_____	_____	_____	_____

Computer proficiency is required
Degree requirements effective July 2022



Bachelor of Science in Biology/Teacher Certification -- University of Science and Arts of Oklahoma

Personal Information

Name _____
Address _____
City _____ Zip _____
Cell _____ Home _____
Student ID # _____
Advisor _____
Date _____
Email _____
Email _____

CEOE REQUIREMENT (for certification)

OK General Education Test (OGET):

Date Passed _____ Score _____

OK Subject Area Test (OSAT):

Area _____ Date Passed _____ Score _____

Praxis Performance Assessment for Teachers (PPAT):

Area _____ Date Passed _____ Score _____

General Information

Date Admitted to Teacher Education _____
Passed English Proficiency Requirement _____
Date Accepted for Professional Trimester _____
Satisfactory Portfolio _____
Computer Proficiency _____

The biology major exit exam and biology OSAT are required

Completion of a professional portfolio and state exams are required

A grade of C or better is required in all professional education courses

General Requirements

Overall Grade Point Average 2.50
Grade Point Average in Area of Specialization 2.75

	Hrs.	GPA
Total Hours Completed	_____	_____
Hours in Math	_____	_____

