

Bachelor of Science in Biology with Teacher Certification -- 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 Introduction to College Writing	3	_____
IDS 1213 Writing about Literature	3	_____
IDS 1223 Contemporary Math	3	_____

Artistic Expression -- 2 hours

	Hours	Trimester
_____	_____	_____
_____	_____	_____

Physical Expression -- 2 hours

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

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

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	_____

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 2023



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 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

Total Hours Completed _____
Hours in Math _____

Hrs.	GPA
_____	_____
_____	_____

