

Secondary Education – Biology Teacher Emphasis

Associate in Science

Degree Program Mentor

For additional information regarding this degree, contact the Degree Program Mentor.



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Program Objective

The objective of the Secondary Education Associate in Science – Biology Teacher Certification Concentration is to prepare students for transfer to a bachelor's degree granting institution to major in biology with a concentration in teacher certification.

Requirements for Graduation

1. Sixty-two designated semester credit hours.
2. Grade of "C" or better required in all Major Field Requirement courses.
3. Grade Point Average of 2.0 or better.
4. Fifteen semester credit hours in attendance at SSC.
5. Completion of Graduate Exit Survey.

Transfer Note: A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** will satisfy all freshman and sophomore general education requirements at the four-year university.

Teacher Certification Examinations:

The Oklahoma General Education Test (OGET) is the first of a series of certification exams required by the teacher certification process in the state of Oklahoma. The OGET is typically taken during a teacher education candidate's sophomore year. For more information on OGET and other required certification examinations visit www.ceoe.nesinc.com.

General Education Requirements 34

GOV	1113	American National Government	3
HIST	1483	American History to 1877 OR	
HIST	1493	American History since 1877	3
ENG	1113	Composition I	3
ENG	1213	Composition II	3
SPCH	1143	Speech	3
HUM		Any class designated as Humanities	6
MATH	1523	Functions and Modeling OR	
MATH	1613	Plane Trigonometry OR	
MATH	2215	Calculus and Analytic Geometry I	3
SCIENCE		<i>met by program</i>	
CAP	1103	Introduction to Microsoft Office	3
HPER	1012	Wellness and Human Development	2
STSC	1002	Learning Strategies	2
PSY	1113	General Psychology	3

Major Field Requirements 25

Select from the following and must include at least one life science and one physical science:

BIOL	1114	General Biology OR	
BIOL	1214	Principles of Biology	(recommended)
BIOL	1224	General Botany	(recommended)
BIOL	1234	General Zoology	(recommended)
BIOL	2114	Human Anatomy	
CHEM	1315	General Chemistry I	(recommended)
CHEM	1515	General Chemistry II	(recommended)(SO)
PHYS	1214	Earth Science	
PHYS	1314	Astronomy	
PHYS	2114	General Physics I(FO)	
PHYS	2224	General Physics II (SO)	

Major Field Electives and Support..... 3

PSY	2023	Developmental Psychology	
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MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE

62

FO=FALL ONLY

FOO=FALL ODD YRS ONLY

FEO=FALL EVEN YRS ONLY

SO=SPRING ONLY

SOO=SPRING ODD YRS ONLY

SEO=SPRING EVEN YRS ONLY



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2025-27 Degree Requirements Checklist

A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** will satisfy all freshman and sophomore general education requirements at the four-year university.

6 hrs.	GENERAL EDUCATION REQUIREMENTS	2 hrs.	Student Success <i>Required during first semester</i> <input type="checkbox"/> STSC 1002 Learning Strategies
	Social Sciences <input type="checkbox"/> GOV 1113 American National Government <input type="checkbox"/> HIST 1483 American History Survey to 1877 OR HIST 1493 American History Survey since 1877	3 hrs.	Fine Arts, Psychology, or Social Sciences Elective <input type="checkbox"/> PSY 1113 General Psychology (<i>Secondary Education majors should take General Psychology for the Elective</i>)
	Language Arts <input type="checkbox"/> ENG 1113 Composition I <input type="checkbox"/> ENG 1213 Composition II <input type="checkbox"/> SPCH 1143 Speech	34 hrs.	TOTAL REQUIRED GENERAL EDUCATION HOURS
	Humanities <i>Select two of the following:</i> <input type="checkbox"/> ART/HUM 1153 Art History I (FO) <input type="checkbox"/> ART/HUM 1163 Art History II (SO) <input type="checkbox"/> ART/HUM 1203 Art Appreciation <input type="checkbox"/> ART 2323 Global Studies in Art (TBD Summer) <input type="checkbox"/> ENG/HUM 2033 Survey of Native American Literature (SEO) <input type="checkbox"/> ENG 2403 Global Studies in Language Arts and Humanities (TBD Summer) <input type="checkbox"/> ENG/HUM 2413 Introduction to Literature (FO) <input type="checkbox"/> ENG/HUM 2433 World Literature I (SO) <input type="checkbox"/> ENG/HUM 2443 Introduction to World Mythology (FOO) <input type="checkbox"/> ENG/HUM 2543 British Literature I (FEO) <input type="checkbox"/> ENG/HUM 2653 British Literature II (FOO) <input type="checkbox"/> ENG/HUM 2753 American Literature I (SEO) <input type="checkbox"/> ENG/HUM 2883 American Literature II (SOO) <input type="checkbox"/> HIST/HUM 2223 Early Western Civilization to 1660 <input type="checkbox"/> HIST/HUM 2233 Modern Western Civilization since 1660 <input type="checkbox"/> HUM 1103 Life of Jesus (SO) <input type="checkbox"/> HUM 1113 Old Testament (SO) <input type="checkbox"/> HUM 1143 New Testament (FO) <input type="checkbox"/> HUM 2123 Multiculturalism through Film <input type="checkbox"/> HUM 2153 Crime, Delinquency and Social Science Issues through Film (SO) <input type="checkbox"/> HUM 2173 Introduction to Film & TV (SO) <input type="checkbox"/> HUM 2323 Social Science Issues as Perceived through Movies <input type="checkbox"/> HUM 2333 Leadership Development through the Classics <input type="checkbox"/> HUM 2343 Global Studies in Humanities <input type="checkbox"/> MUS/HUM 1213 Music Appreciation I <input type="checkbox"/> MUS/HUM 1223 Music Appreciation II <input type="checkbox"/> PHIL 1113 Philosophy (FO) <input type="checkbox"/> SOC 2433 Global Studies in Culture and Diversity (TBD Summer) <input type="checkbox"/> SPCH/HUM 1523 Introduction to Theatre (FO)	25 hrs.	MAJOR FIELD REQUIREMENTS <i>Select from the following:</i> <input type="checkbox"/> BIOL 1114 General Biology or <input type="checkbox"/> BIOL 1214 Principles of Biology (recommended) <input type="checkbox"/> BIOL 1224 General Botany (recommended) <input type="checkbox"/> BIOL 1234 General Zoology (recommended) <input type="checkbox"/> BIOL 2114 Human Anatomy <input type="checkbox"/> CHEM 1315 General Chemistry I (recommended) <input type="checkbox"/> CHEM 1515 General Chemistry II (recommended) (SO) <input type="checkbox"/> PHYS 1214 Earth Science <input type="checkbox"/> PHYS 1314 Astronomy <input type="checkbox"/> PHYS 2114 General Physics I (FO) <input type="checkbox"/> PHYS 2224 General Physics II (SO)
3 hrs.	Mathematics <input type="checkbox"/> MATH 1523 Functions and Modeling OR <input type="checkbox"/> MATH 1613 Plane Trigonometry OR <input type="checkbox"/> MATH 2215 Calculus and Analytic Geometry I	3 hrs.	MAJOR FIELD ELECTIVES AND SUPPORT <input type="checkbox"/> PSY 2023 Developmental Psychology
	Life Science ✓ <i>met by program</i>	28 hrs.	TOTAL REQUIRED MAJOR FIELD HOURS
	Physical Science ✓ <i>met by program</i>	62 hrs.	MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE
3 hrs.	Computer Applications <input type="checkbox"/> CAP 1103 Introduction to Microsoft Office		
2 hrs.	Health, Physical Education and Recreation <input type="checkbox"/> HPER 1012 Wellness and Human Development		

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Semester by Semester Suggested Degree Plan*

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COURSE NUMBER- COURSE DESCRIPTION	HOURS
FRESHMAN YEAR, FALL	
<input type="checkbox"/> STSC 1002 LEARNING STRATEGIES	2
<input type="checkbox"/> ENG 1113 COMPOSITION I	3
<input type="checkbox"/> MATH COURSE	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
TOTAL:	16
FRESHMAN YEAR, SPRING	
<input type="checkbox"/> ENG 1213 COMPOSITION II	3
<input type="checkbox"/> PSY 1113 GENERAL PSYCHOLOGY	3
<input type="checkbox"/> CAP 1103 INTRODUCTION TO MICROSOFT OFFICE	3
<input type="checkbox"/> HIST 1483/1493 AMERICAN HISTORY SURVEY TO 1877 OR SINCE 1877	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
TOTAL:	16
SOPHOMORE YEAR, FALL	
<input type="checkbox"/> PSY 2023 DEVELOPMENTAL PSYCHOLOGY	3
<input type="checkbox"/> HUM	3
<input type="checkbox"/> HPER 1012 WELLNESS AND HUMAN DEVELOPMENT	2
<input type="checkbox"/> GOV 1113 AMERICAN NATIONAL GOVERNMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
TOTAL:	15
SOPHOMORE YEAR, SPRING	
<input type="checkbox"/> HUM	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> SPCH 1143 SPEECH	3
TOTAL:	15
TOTAL HOURS:	62

*THIS IS A GUIDE TO HELP STUDENTS WITH PLANNING. A STUDY OF THE COURSE SCHEDULE AND A VISIT WITH YOUR ACADEMIC ADVISOR IS CRUCIAL FOR SUCCESS IN COMPLETING YOUR DEGREE.

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