

Secondary Education Associate in Science

Degree Program Mentor

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



Melissa Bryant
Assistant Professor
405-382-9742
m.bryant@sscok.edu
Division Office: 405-382-9252

Program Objective

The objective of the Secondary Education Associate in Science is to prepare students for transfer to a bachelor's degree granting institution to major in physics 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

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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	One Mathematics Course	3
SCIENCE	One Life Science with lab and	
	One Physical Science with lab	8
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

17

Select from the following:

ANTH 1113	General Anthropology
BA 2113	Macroeconomics
BA 2213	Microeconomics
BIOL 1114	General Biology
BIOL 1214	Principles of Biology
BIOL 1224	General Botany
BIOL 1234	General Zoology
BIOL 2114	Human Anatomy
CHEM 1315	General Chemistry I
CHEM 1515	General Chemistry II
ENG 1803	Native American Literature
ENG 2103	Fiction Writing
ENG 2113	Creative Writing
ENG 2123	Introduction to Poetry
ENG/HUM 2413	Introduction to Literature
ENG/HUM 2433	World Literature I
ENG/HUM 2543	British Literature I
ENG/HUM 2653	British Literature II
ENG/HUM 2753	American Literature I
ENG/HUM 2883	American Literature II
GEOG 1123	World Regional Geography
HIST 1483	American History to 1877
HIST 1493	American History since 1877
HIST/HUM 2223	Early Western Civilization to 1660
HIST/HUM 2233	Modern Western Civilization since 1660
MATH 1503	Elementary Statistics
MATH 1513	Pre-Calculus for Eng-Phys-CS
MATH 1613	Plane Trigonometry
MATH 2215	Calculus and Analytic Geometry I
MATH 2424	Calculus and Analytic Geometry II
MATH 2434	Calculus and Analytic Geometry III
PHYS 1214	Earth Science
PHYS 1314	Astronomy
PHYS 2114	General Physics I
PHYS 2224	General Physics II
PHYS 2211	Calculus Based Physics I
PHYS 2231	Calculus Based Physics II

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



Secondary Education- Associate in Science Degree Requirements Checklist 2023-24

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 Social Sciences <input type="checkbox"/> GOV 1113 American National Government <input type="checkbox"/> HIST 1483 American History Survey to 1877 or <input type="checkbox"/> HIST 1493 American History Survey since 1877	3 hrs.	Computer Applications <input type="checkbox"/> CAP 1103 Introduction to Microsoft Office
9 hrs.	Language Arts <input type="checkbox"/> ENG 1113 Composition I <input type="checkbox"/> ENG 1213 Composition II <input type="checkbox"/> SPCH 1143 Speech	2 hrs.	Health, Physical Education and Recreation <input type="checkbox"/> HPER 1012 Wellness and Human Development or Two HPER Activity Courses
6 hrs.	Humanities <i>Select two of the following:</i> <input type="checkbox"/> HUM _____ <input type="checkbox"/> HUM _____ any course with HUM prefix (list above) or <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"/> ENG 1803 Native American Literature (SEO) <input type="checkbox"/> ART 2323 Global Studies in Art (TBD Summer) <input type="checkbox"/> ENG 2043 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 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"/> MUS/HUM 1213 Music Appreciation I <input type="checkbox"/> MUS/HUM 1223 Music Appreciation II <input type="checkbox"/> PHIL 1113 Introduction to 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)	2 hrs.	Student Success Required during first semester <input type="checkbox"/> STSC 1002 Learning Strategies
		3 hrs.	Psychology, Soc. Science, or Fine Arts Elective <i>Select one of the following:</i> <input type="checkbox"/> ART 1103 Fundamentals of Art I (FO) <input type="checkbox"/> ART 1123 Drawing I (FO) <input type="checkbox"/> ART 2123 Ceramics I (FO) <input type="checkbox"/> ART 2213 Watercolor I (SO) <input type="checkbox"/> BA 2113 Macroeconomics <input type="checkbox"/> BA 2213 Microeconomics <input type="checkbox"/> CJ 1113 Introduction to Criminology <input type="checkbox"/> ENG 1313 Technical Writing (SOO) <input type="checkbox"/> ENG 2103 Fiction Writing (FO) <input type="checkbox"/> ENG 2113 Creative Writing (FO) <input type="checkbox"/> ENG 2123 Introduction to Poetry (SO) <input type="checkbox"/> GEOG 1123 World Regional Geography <input type="checkbox"/> NAS 1713 Seminole/Creek Language I <input type="checkbox"/> PSY 1113 General Psychology <input type="checkbox"/> SOC 1113 Introduction to Sociology
		42 hrs.	TOTAL REQUIRED GENERAL EDUCATION HOURS
3 hrs.	Mathematics <i>Select one of the following:</i> <input type="checkbox"/> MATH 1413 Quantitative Reasoning <input type="checkbox"/> MATH 1503 Elementary Statistics <input type="checkbox"/> MATH 1513 Pre-Calculus for Eng-Phys-CS <input type="checkbox"/> MATH 1523 Pre-Calculus for Bus-Biol <input type="checkbox"/> MATH 1613 Plane Trigonometry	21 hrs.	MAJOR FIELD ELECTIVES <i>Selected from student's field of interest</i> Grade of "C" or better required in at least 15 credit hours of Major Field Elective courses. <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
4 hrs.	Life Science <i>Select one of the following:</i> <input type="checkbox"/> AGRI 1104 Introduction to Animal Science <input type="checkbox"/> AGRI 1204 Introduction to Plant and Soil Science <input type="checkbox"/> BIOL 1114 General Biology <input type="checkbox"/> BIOL 1214 Principles of Biology <input type="checkbox"/> BIOL 1224 General Botany <input type="checkbox"/> BIOL 1234 General Zoology	21 hrs.	TOTAL REQUIRED MAJOR FIELD HOURS
4 hrs.	Physical Science <i>Select one of the following:</i> <input type="checkbox"/> CHEM 1114 Introduction to Chemistry <input type="checkbox"/> CHEM 1315 General Chemistry I <input type="checkbox"/> ENV5 1114 Introduction to Environmental Science <input type="checkbox"/> PHYS 1114 General Physical Science <input type="checkbox"/> PHYS 1214 Earth Science <input type="checkbox"/> PHYS 1314 Astronomy <input type="checkbox"/> PHYS 1414 Physical Geology <input type="checkbox"/> PHYS 2114 General Physics I	63 hrs.	MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE
			revised 11/2018

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



Semester by Semester Suggested Degree Plan*

Secondary Education - Associate in Science

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	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"/> HPER 1012	2
TOTAL:	16
FRESHMAN YEAR, SPRING	
<input type="checkbox"/> ENG 1213 COMPOSITION II	3
<input type="checkbox"/> PSY 1113 GENERAL PSYCHOLOGY	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> GOV 1113 AMERICAN NATIONAL GOVERNMENT	3
<input type="checkbox"/> LIFE SCIENCE**	4
TOTAL:	16
SOPHOMORE YEAR, FALL	
<input type="checkbox"/> PSY 2023 DEVELOPMENTAL PSYCHOLOGY	3
<input type="checkbox"/> HUM	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> PHYSICAL SCIENCE***	4
TOTAL:	16
SOPHOMORE YEAR, SPRING	
<input type="checkbox"/> HUM	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	2
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	1
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	2
<input type="checkbox"/> SPCH 1143 SPEECH	3
TOTAL:	14
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.

**LIFE SCIENCE = AGRI 1104, 1204, BIOL 1114, 1214, 1224, OR 1234

***PHYSICAL SCIENCE= CHEM 1114, 1315, ENVS 1114, PHYS 1114, 1214, 1314, 1414, 2114, 2224