

# Liberal Studies - Mathematics Emphasis

## Associate in Arts

### 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 Liberal Studies Associate in Arts is to prepare students for transfer to a bachelor's degree granting institution.

### Requirements for Graduation

1. Sixty-three designated semester credit hours.
2. Grade of "C" or better required in at least 15 credit hours of Major Field Elective 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.

**Please Note:** Consult with advisor for specific transfer requirements. General Education and Major Field requirements vary between universities.

**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.

### General Education Requirements ..... 42

GOV 1113	American National Government .....	3
HIST 1483	American History to 1877 <b>or</b>	
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 <b>and</b>	
	One Physical Science with lab .....	8
CAP 1103	Introduction to Microsoft Office .....	3
HPER 1012	Wellness and Human Development <b>or</b>	
	Two HPER Activity Courses .....	2
STSC 1002	Learning Strategies .....	2
ELECTIVE	Select from Psychology, Social Sciences, World Languages, and Fine Arts.....	3

### Major Field Electives..... 21

*Select from these recommended courses to meet 21 credit hour requirement. Selecting entirely from the area of emphasis is recommended but not required.*

<b>Mathematics Emphasis Recommendations</b>	MATH 1413	Quantitative Reasoning
	MATH 1503	Elementary Statistics
	MATH 1513	Pre-Calculus for Eng-Phys-CS
	MATH 1523	Pre-Calculus for Bus-Biol
	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
	MATH 2533	Differential Equations

### MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE ..... 63



# Liberal Studies- Mathematics Emphasis

## Associate in Arts

### 2021-22 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.	<b>GENERAL EDUCATION REQUIREMENTS</b> <b>Social Sciences</b> <input type="checkbox"/> GOV 1113 American National Government <input type="checkbox"/> HIST 1483 American History Survey to 1877 <b>or</b> <input type="checkbox"/> HIST 1493 American History Survey since 1877	3 hrs.	<b>Computer Applications</b> <input type="checkbox"/> CAP 1103 Introduction to Microsoft Office
9 hrs.	<b>Language Arts</b> <input type="checkbox"/> ENG 1113 Composition I <input type="checkbox"/> ENG 1213 Composition II <input type="checkbox"/> SPCH 1143 Speech	2 hrs.	<b>Health, Physical Education and Recreation</b> <input type="checkbox"/> HPER 1012 Wellness and Human Development <b>or</b> Two HPER Activity Courses
6 hrs.	<b>Humanities</b> <i>Select two of the following:</i> <input type="checkbox"/> HUM _____ <input type="checkbox"/> HUM _____ any course with HUM prefix (list above) <b>or</b> <input type="checkbox"/> ART 1153 Art History I <input type="checkbox"/> ART 1163 Art History II <input type="checkbox"/> ART 1203 Art Appreciation <input type="checkbox"/> ART 2323 Global Studies in Art <input type="checkbox"/> ENG 2043 Global Studies in Language Arts and Humanities <input type="checkbox"/> ENG 2413 Introduction to Literature <input type="checkbox"/> ENG 2433 World Literature I <input type="checkbox"/> ENG 2543 British Literature I <input type="checkbox"/> ENG 2653 British Literature II <input type="checkbox"/> ENG 2753 American Literature I <input type="checkbox"/> ENG 2883 American Literature II <input type="checkbox"/> HIST 2223 Early Western Civilization to 1660 <input type="checkbox"/> HIST 2233 Modern Western Civilization since 1660 <input type="checkbox"/> JOUR 1123 Introduction to Mass Communication <input type="checkbox"/> MUS 1213 Music Appreciation I <input type="checkbox"/> MUS 1223 Music Appreciation II <input type="checkbox"/> PHIL 1113 Introduction to Philosophy <input type="checkbox"/> SOC 2433 Global Studies in Culture and Diversity <input type="checkbox"/> SPAN 2103 Global Studies in Spanish <input type="checkbox"/> SPCH 1523 Introduction to Theatre	2 hrs.	<b>Student Success</b> Required during first semester <input type="checkbox"/> STSC 1002 Learning Strategies
3 hrs.	<b>Mathematics</b> <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	3 hrs.	<b>Psychology, Soc. Science, World Language, or Fine Arts Elective</b> <i>Select one of the following:</i> <input type="checkbox"/> ANTH 1113 General Anthropology <input type="checkbox"/> ART 1103 Fundamentals of Art I <input type="checkbox"/> ART 1123 Drawing I <input type="checkbox"/> ART 1173 Crafts I <input type="checkbox"/> ART 1223 Black and White Photography I <input type="checkbox"/> ART 2123 Ceramics I <input type="checkbox"/> ART 2213 Watercolor I <input type="checkbox"/> BA 2113 Macroeconomics <input type="checkbox"/> BA 2213 Microeconomics <input type="checkbox"/> CJ 1113 Introduction to Criminology <input type="checkbox"/> ENG 2103 Fiction Writing <input type="checkbox"/> ENG 2113 Creative Writing <input type="checkbox"/> ENG 2123 Introduction to Poetry <input type="checkbox"/> ENG 2343 Sign Language I <input type="checkbox"/> FREN 1125 French I <input type="checkbox"/> GEOG 1123 World Regional Geography <input type="checkbox"/> MUS 2303 Performance Techniques <input type="checkbox"/> NAS 1713 Seminole/Creek Language I <input type="checkbox"/> PSY 1113 General Psychology <input type="checkbox"/> RUSS 1113 Elementary Russian <input type="checkbox"/> SOC 1113 Introduction to Sociology <input type="checkbox"/> SPAN 1125 Spanish I <input type="checkbox"/> SPCH 1533 Acting I
4 hrs.	<b>Life Science</b> <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	42 hrs.	<b>TOTAL REQUIRED GENERAL EDUCATION HOURS</b>
4 hrs.	<b>Physical Science</b> <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"/> ENVS 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	21 hrs.	<b>MAJOR FIELD ELECTIVES</b> <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"/> _____
63 hrs.		63 hrs.	<b>MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE</b>  revised 11/2018



## Semester by Semester Suggested Degree Plan\*

### Liberal Studies- Mathematics Emphasis - Associate in Arts

COURSE NUMBER- COURSE DESCRIPTION	HOURS
<b>FRESHMAN YEAR, 1ST SEMESTER, FALL</b>	
<input type="checkbox"/> STSC 1002 LEARNING STRATEGIES	2
<input type="checkbox"/> ENG 1113 COMPOSITION I	3
<input type="checkbox"/> MATH	3
<input type="checkbox"/> HPER 1012 WELLNESS AND HUMAN DEVELOPMENT	2
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<input type="checkbox"/> CAP 1103 INTRODUCTION TO MICROSOFT OFFICE	3
<b>TOTAL:</b>	<b>16</b>
<b>FRESHMAN YEAR, 2ND SEMESTER, SPRING</b>	
<input type="checkbox"/> ENG 1213 COMPOSITION II	3
<input type="checkbox"/> LIFE SCIENCE*	4
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<input type="checkbox"/> GOV 1113 AMERICAN NATIONAL GOVERNMENT	3
<input type="checkbox"/> HIST 1483/1493 AMERICAN HISTORY SURVEY TO 1877 OR SINCE 1877	3
<b>TOTAL:</b>	<b>16</b>
<b>SOPHOMORE YEAR, 1ST SEMESTER, FALL</b>	
<input type="checkbox"/> SPCH 1143 SPEECH	3
<input type="checkbox"/> HUM	3
<input type="checkbox"/> PHYSICAL SCIENCE**	4
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<b>TOTAL:</b>	<b>16</b>
<b>SOPHOMORE YEAR, 1ST SEMESTER, SPRING</b>	
<input type="checkbox"/> ELECTIVE GROUP III	3
<input type="checkbox"/> HUM	3
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<input type="checkbox"/> MAJOR FIELD ELECTIVE	3
<b>TOTAL:</b>	<b>15</b>
<b>TOTAL HOURS:</b>	<b>63</b>

\*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

GROUP III ELECTIVE CLASSES:  
COURSE IN FOREIGN LANGUAGE, PHILOSOPHY, ART, RELIGION, OR SPEECH