

# Mathematics

## Associate in Science

**Program Objective**

The objective of the Mathematics Associate in Science is to prepare students for transfer to a bachelor degree granting institution to major in mathematics or a related field.

**Requirements for Graduation**

1. At least sixty-three 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.

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

**For Information Contact:**

Science, Technology, Engineering, and Mathematics Division (405) 382-9266

**General Education Requirements ..... 38**

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		<i>met by program</i>	
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
SOC	1101	Freshman Seminar (or SOC 1003).....	1
ELECTIVE		Select from Psychology, Social Sciences, World Languages, and Fine Arts.....	3

**Major Field Requirements ..... 16**

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	

**Major Field Electives and Support..... 9**

*Select from the following:*

CS	1113	Programming in Visual Basic	
CS	1313	Programming in Java	
CS	2013	Programming in C++	
ENGR	1113	Introduction to Engineering	
MATH	1513	College Algebra	
MATH	2153	Elementary Statistics	
MATH	2533	Differential Equations	

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

**Suggested Sequence of Major Field Courses**

First Semester	Second Semester	Third Semester	Fourth Semester
MATH 1513	MATH 1613	MATH 2424	MATH 2434
Major Field Elective	MATH 2215	Major Field Elective	Major Field Elective