

Liberal Arts and Science: Mathematics A.S.

This program is designed for students who plan to transfer and continue their studies in mathematics leading to a bachelor's degree.

Degree Requirements

General Education requirements must be met before the A.S. degree will be granted. For details on General Education requirements, see college catalog.

The curriculum listed on this page is required for an A.S. degree in Mathematics. Any exception must be with written consent of the chair of the Division of Natural and Health Science, Mathematics, and Technology.

Academic Preparation

A minimum of four years of high school mathematics required.

Career Possibilities

A broad-based background in mathematics is excellent preparation for continued study in computer science, statistics, chemistry, physics, engineering, and many newly developing fields where the utilization of modern technology is pervasive.

Map your degree

Courses	Cr Hrs	Semester Completed	Grade
First Semester			
ENGL 101 Freshman English I	3	_____	___
MATH 108 Calculus I	4	_____	___
MATH 214 Statistics	3	_____	___
Science*	4	_____	___
Physical Education	<u>1</u>	_____	___
	15		
Second Semester			
ENGL 102 Freshman English II	3	_____	___
MATH 201 Calculus II	4	_____	___
MATH 203 Linear Algebra	3	_____	___
Science*	4	_____	___
Health	1	_____	___
Physical Education	<u>1</u>	_____	___
	16		
Third Semester			
ENGL 221 Effective Speech: Public Address			
or ENGL 222 Effective Speech: Group Discussion	3	_____	___
MATH 202 Calculus III	4	_____	___
C.S. 222 Programming in C/C++	3	_____	___
HIST 101, 102, 201 or 202			
Western Civilization I or II			
or United States History I or II	3	_____	___
Elective	<u>3-4</u>	_____	___
	16-17		
Fourth Semester			
ENGL 201 World Literature I			
or ENGL 202 World Literature II	3	_____	___
MATH 204 Differential Equations	4	_____	___
Behavioral/Social Sciences**	6	_____	___
MATH 212 Discrete Mathematics	<u>3</u>	_____	___
	16		
Total Credit Hours	63-64		

* Must be a sequence of one of the following:

- BIOL 103-104 or BIOL 105-106
- CHEM 103-104
- PHYS 103-104 or PHYS 200-201
- GEOL 110-111

** At least 3 credit hours in one of the following: ANTH 101, ECON 201, ECON 202, PSY 101, or SOC 101

