

# General Studies - Mathematics Pathway

Degree Type

A.S.

**Program Location: All locations except for Brookley Field**

**Length: Four Semesters + One Summer Session\*\***

The purpose of the Mathematics pathway is to provide the first two years of a four-year baccalaureate degree in mathematics.

## Semester-by-Semester Pathway/Alabama Transfers Guide

A semester-by-semester pathway is provided as a guide for course selection. Students should consult their Degree Works degree plan and complete an *Alabama Transfers* transfer guide to ensure that they take the appropriate courses for their major at their selected four-year institution. Click [here](#) for a link to the *Alabama Transfers* site. Students are also encouraged to contact their advisor for assistance regarding courses to be completed.

### Additional Information

\* Enrolling in MTH 126 during a summer term will allow students to complete the Calculus series without changing instructor.

### Semester One (Fall)

Item #	Title	Credits
ENG 101	English Composition I	3
ORI 101	Orientation to College	1
	Fine Arts Course (I)	3
	History, Social, and Behavioral Sciences Course	3
	MTH 113 or MTH 115	3
	<b>Sub-Total Credits</b>	<b>13.00</b>

### Semester Two (Spring)

Item #	Title	Credits
ENG 102	English Composition II	3
MTH 125	Calculus I	4
	History, Social, and Behavioral Sciences Course	3
	Humanities and Fine Arts Course	3
	<b>Sub-Total Credits</b>	<b>13.00</b>

## Summer Semester

Item #	Title	Credits
MTH 126	Calculus II	4
	<b>Sub-Total Credits</b>	<b>4.00</b>

## Semester Three (Fall)

Item #	Title	Credits
MTH 227	Calculus III	4
MTH 237	Linear Algebra	3
	General Elective Course (3-4 SH)	3
	Literature Course	3
	PHY 201 or PHY 213	4
	<b>Sub-Total Credits</b>	<b>17.00</b>

## Completion of Graduation Application

Complete the [graduation application](#) and begin the process of a review of your degree plan before your final semester.

## Spring Semester 4

Item #	Title	Credits
MTH 238	Applied Differential Equations I	3
	History, Social, and Behavioral Sciences Course	3
	History, Social, and Behavioral Sciences Course	3
	PHY 202 or PHY 214	4
	SPH 106 or SPH 107	3
	<b>Sub-Total Credits</b>	<b>16.00</b>
	<b>Total Credits</b>	<b>63</b>

### Alabama Transfers

<https://alabamatransfers.com>

### Program Webpage

<http://www.CoastalAlabama.edu/engineering>