

# MATHEMATICS

## Guided Pathway/Map

**NOTE:** The Guided Pathway below contains all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online.

\*Please refer to your Alabama Transfers guide or transfer institution for specific course requirements.

	Course #	Course Name	Semester Hours
<b>Semester 1</b>	ENG101	English Composition I	3
	MTH125	Calculus I	4
	History	<b>Choose a sequence in either history OR literature:</b> HIS101 (Western Civilization) OR HIS121 (World History) OR HIS201 (US History)	3
	Fine Art	<b>Choose one:</b> ART100 (Art Appreciation) OR MUS101 (Music Appreciation) OR THR120 (Theatre Appreciation)	3
	ORI101	College Orientation	1
			Semester 1 Total: 14
<b>Semester 2</b>	ENG102	English Composition II	3
	Natural Science	<b>Choose one (Refer to Alabama Transfers):</b> BIO101 (Introduction to Biology I) OR BIO103 (Principles of Biology I) OR CHM104 (Introduction to General Chemistry) OR CHM111 (College Chemistry I) OR PHS111 (Physical Science I) OR PHY201 (General Physics I) OR PHY213 (General Physical with Calculus I)	4
	Area IV Elective	<b>Choose one (Refer to Alabama Transfers):</b> ECO231 (Principles of Macroeconomics) OR ECO232 (Principles of Microeconomics) OR GEO100 (World Regional Geography) OR POL211 (American National Government) OR PSY200 (General Psychology) OR PSY210 (Human Growth and Development) OR SOC200 (Introduction to Sociology)	3
	Elective	CIS146 (Microcomputer Applications)	3
	Elective	MTH126 (Calculus II)	4
			Semester 2 Total: 17
<b>Semester 3</b>	Literature	<b>Choose a sequence in either history or literature:</b> ENG251 (American Literature) OR ENG261 (English Literature) OR ENG271 (World Literature)	3

	Natural Science	<b>Choose one (Refer to Alabama Transfers):</b> BIO101 (Introduction to Biology I) OR BIO103 (Principles of Biology I) OR CHM104 (Introduction to General Chemistry) OR CHM111 (College Chemistry I) OR PHS111 (Physical Science I) OR PHY201 (General Physics I) OR PHY213 (General Physical with Calculus I)	4
	Area IV Elective	<b>Choose one (Refer to Alabama Transfers):</b> ECO231 (Principles of Macroeconomics) ECO232 (Principles of Microeconomics) GEO100 (World Regional Geography) POL200 (Introduction to Political Science) PSY200 (General Psychology) PSY210 (Human Growth and Development) SOC200 (Introduction to Sociology)	3
	Area V Elective	MTH227 (Calculus III)	4
	Area V Elective	<b>Refer to Alabama Transfers</b>	3
			Semester 3 Total: 17
<b>Semester 4</b>	History or Area IV Elective	<b>Choose a history course to complete the sequence or an Area IV elective:</b> HIS102 (Western Civilization) OR HIS122 (World History) OR HIS202 (US History) OR ECO231 (Principles of Macroeconomics) ECO232 (Principles of Microeconomics) GEO100 (World Regional Geography) POL200 (Introduction to Political Science) PSY200 (General Psychology) PSY210 (Human Growth and Development) SOC200 (Introduction to Sociology)	3
	Area V Elective	MTH238 (Applied Differential Equations I)	3
	Area V Elective	Refer to Alabama Transfers	3
	Literature or Fine Arts Elective	<b>Choose a literature course to complete the sequence or a Fine Arts elective:</b> ENG252 (American Literature) OR ENG262 (English Literature) OR ENG272 (World Literature) OR OR Please see <b>Refer to Alabama Transfers</b> for a list of Fine Arts Electives	3
	Fine Arts Elective	SPH106 (Fundamentals of Oral Communication) OR SPH107 (Fundamentals of Public Speaking)	3
			Semester 4 Total: 15
			Program Total: 63

\*If you take BIO103, you cannot take BIO101. If you take BIO104, you cannot take BIO102. If you take CHM111, you cannot take CHM104. If you take CHM112, you cannot take CHM105. If you take PHY213, you cannot take PHY201. If you take PHY213, you cannot take PHY202.