

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 STARS guide or transfer institution for specific course requirements.

	Course #	Course Name	Semester Hours
Semester 1	ENG101	English Composition I	3
	MTH125	Calculus I	4
	History	Choose a sequence in either history OR literature: HIS101 (Western Civilization) OR HIS121 (World History) OR HIS201 (US History)	3
	Fine Art	Choose one: ART100 (Art Appreciation) OR MUS101 (Music Appreciation) OR THR120 (Theatre Appreciation)	3
	ORI101	College Orientation	1
			Semester 1 Total: 14
Semester 2	ENG102	English Composition II	3
	Natural Science	Choose one (Please refer to the STARS Guide): 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	Choose one (Please refer to the STARS Guide): 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
Semester 3	Literature	Choose a sequence in either history or literature: ENG251 (American Literature) OR ENG261 (English Literature) OR ENG271 (World Literature)	3

	Natural Science	Choose one (Please refer to the STARS Guide): 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	Choose one (Please refer to the STARS Guide): 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	Please refer to the STARS Guide	3
			Semester 3 Total: 17
Semester 4	History or Area IV Elective	Choose a history course to complete the sequence or an Area IV elective: 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	Please see STARS Guide	3
	Literature or Fine Arts Elective	Choose a literature course to complete the sequence or a Fine Arts elective: ENG252 (American Literature) OR ENG262 (English Literature) OR ENG272 (World Literature) OR OR Please see STARS Guide 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.

Links to:

Alabama A&M: <http://www.aamu.edu/administrativeoffices/academicaffairs/pages/stars-transfer-system.aspx>

Alabama State: <https://www.alasu.edu/admissions/undergrad-admissions/transfer-students/area-v/index.aspx>

Athens State University: <http://www.athens.edu/catalogs/2018-19/Section-2-Arts-Sciences.pdf?x75869#page=70>

Auburn University: <http://ous.auburn.edu/faculty/area-v/area-v-mathematics/>

Auburn University at Montgomery:

http://www.aum.edu/sites/default/files/STARS_Transfer_Area_V_Mathematics-Traditional.pdf

Jacksonville State University: <http://www.jsu.edu/stars/science/mathematics-traditional.html>

Troy University: <https://www.troy.edu/area5/assets/majors/Mathematics.html>

University of Alabama: <https://as.ua.edu/advising/stars-area-v-mathematics/>

University of Alabama at Birmingham:

<https://www.uab.edu/students/admissions/images/transfer/Mathematics.pdf>

University of Alabama at Huntsville: <https://www.uah.edu/admissions/25-es/admissions/5078-transfer-math>

University of Montevallo: <https://www.montevallo.edu/wp-content/uploads/2018/10/Mathematics.pdf>

University of North Alabama: <https://www.una.edu/areav/arts-sciences/mathematics.html>

University of South Alabama:

<https://www.southalabama.edu/departments/registrar/areav/mathstat.html>

University of West Alabama:

http://catalog.uwa.edu/preview_program.php?catoid=35&poid=2668&returnto=1580