

PHYSICS

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. **Note: PHY213 and PHY216 are offered in fall semester, and PHY214 and PHY217 are offered in spring semester.**

	Course #	Course Name	Semester Hours
Semester 1	ENG 101	English Composition I	3
	Math	MTH 125 (Calculus I)	4
	History	Choose one of the following: HIS 101 (Western Civilization I) OR HIS 121 (World History I) OR HIS 201 (US History I)	3
	Humanities and Fine Arts	Choose one of the following: MUS 101 (Music Appreciation) OR ART 100 (Art Appreciation) OR THR 120 (Theatre Appreciation)	3
	ORI 101	Orientation to College	1
	Area V Elective	CIS146 (Microcomputer Applications)	3
			Semester 1 Total: 17
Semester 2	ENG 102	English Composition II	3
	Math	MTH 126 (Calculus II) or Higher	4
	Humanities and Fine Arts	SPH 106 (Fundamentals of Oral Communication) OR SPH 107 (Fundamentals of Public Speaking)	3
	Area IV Elective	Choose a history course to complete the sequence or an Area IV elective: HIS 102 (Western Civilization II) OR HIS 122 (World History II) OR HIS 202 (US History II) OR ECO 231 (Principles of Macroeconomics) OR GEO 100 (World Regional Geography) OR POL 211 (American National Government) OR PSY 200 (General Psychology) OR PSY 210 (Human Growth & Development) OR SOC 200 (Introduction to Sociology)	3

	Natural Science	CHM 111 (College Chemistry I)	4
			Semester 2 Total: 17
Semester 3	Natural Science	PHY 213 (Calculus based Physics I) AND PHY 216 (Recitation for Calculus based Physics I)	4 + 1
	Math	MTH 227 (Calculus III) or Higher	4
	Natural Science	CHM 112 (College Chemistry II)	4
	Literature	ENG 251 (American Literature I) OR ENG 261 (English Literature I) OR ENG 271 (World Literature I)	3
			Semester 3 Total: 16
Semester 4	Area II Elective	Choose a literature course to complete the sequence or an Area II elective: ENG 252 (American Literature II) OR ENG 262 (English Literature II) OR ENG 272 (World Literature II) OR HUM 101 (Introduction to Humanities I) OR HUM 102 (Introduction to Humanities II) OR PHL 206 (Ethics and Society) OR REL 100 (History of World Religions) OR REL 151 (Survey of the Old Testament) OR REL 152 (Survey of the New Testament)	3
	Area IV Elective Choose two	Choose two of the following: ECO 231 (Principles of Macroeconomics) OR GEO 100 (World Regional Geography) OR POL 211 (American National Government) OR PSY 200 (General Psychology) OR PSY 210 (Human Growth & Development) OR SOC 200 (Introduction to Sociology)	6
	Natural Science	PHY 214 (Calculus based Physics II) AND PHY 217 (Recitation for Calculus based Physics II)	4 + 1
			Semester 4 Total: 14
			Program Total: 64

Links:

Alabama A&M: <https://www.aamu.edu/about/administrative-offices/academic-affairs/resources/stars-transfer/>

Auburn University: http://www.auburn.edu/administration/registrar/transfer/area_v.html

Troy University: <https://www.troy.edu/applications-admissions/admissions-process-requirements/undergraduate/transfer-information/index.html>

University of Alabama: <https://registrar.ua.edu/student-services/transfer-credit/transferassist/>

University of Alabama at Birmingham: <http://catalog.uab.edu/undergraduate/areav/>

University of Alabama at Huntsville: <https://www.uah.edu/admissions?view=article&id=5046&catid=25>

University of North Alabama: <https://www.una.edu/areav/index.html>

University of South Alabama: <https://www.southalabama.edu/departments/registrar/areav/index.html>