

Transfer Student Pre-Professional & Elective Courses (Area V)

Institution: Alabama Agricultural and Mechanical University 2024-2025 Bulletin

AGSC Guide/Major: Physics

Is this an Institution-Only Major? Yes / No

Specific options to which these requirements/recommendations apply:

Secondary Education - Physics

Maximum total number of electives/pre-professional hours: 18

Hours specified by the Approved STARS Area V Guide: 9

(see the approved transfer guide at http://stars.troy.edu/get_the_guide_step_1.html)

Crs Subj/Num (2-yr System)	Course Title	Credit Hours
	AGSC-approved courses not already applied to Areas II-IV	9

*Students transferring to AAMU are recommended to select from MTH 126, 227, 238, PHY 218. These courses will best prepare students for the Junior and Senior level coursework required in Physics.

Remaining 9 hours should be selected from/include the following:

Course Subj/Number (2-year System)	Course Title	Credit Hours
HED 221, 224, PED 105, 113, 133, (103 and 106), 140, 141, 123	Personal Hlth <u>OR</u> Personal & Community Hlth <u>OR</u> PED elective(s) in the recommended following: fitness, gymnastics, tennis, aerobics/weight training, begin swim, intermediate swim, golf	2
CIS 150	Intro Computer Logic & Programming	3
CIS 252, 285	Advanced C++ Programming <u>OR</u> CIS 285 Object Oriented Programming	3
MTH 126	Calculus II	4
MTH 227	Calculus III	4
MTH 238	Applied Differential Equations	3
PHY 218	Modern Physics	3

Transfer Student Recommendations (Areas I-IV)

AREA I – WRITTEN COMPOSITION: MinGrade C.		
	ENG 101	3
	ENG 102	3
		6
AREA II – HUMANITIES & FINE ARTS:		
Fine Arts	See GenEd Listing ¹	3
Literature	See GenEd Listing ¹	3
Hum a/o FA	See GenEd Listing ¹	6
		12
AREA III – SCIENCE & MATH:		
Lec/Lab	PHY 213	4
Lec/Lab	PHY 214	4
Math	MTH 125	4
		12
AREA IV – HISTORY, SOCIAL, BEHAVIORAL SCI:		
History	Sequence – See GenEd Listing ¹	6

Economics	See GenEd Listing ¹	3
Soc/Beh Sci	See GenEd Listing ¹	3
		12

¹See General Education Requirements section of this Bulletin for eligible courses

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Please print this document and attach it to the **Physics** Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in **Physics** at Alabama A&M University.

Name _____ Date _____ AAMU Banner ID _____