

ASSOCIATE OF ARTS DEGREE

Physics

Instruction in the Physical Sciences is offered in the areas of chemistry, physics, geology, and astronomy as the foundation for baccalaureate and graduate studies in these and related sciences at a university or four-year college. Physical Science students find employment in industrial research and development, government regulatory agencies, or secondary and post-secondary education. Each suggested curriculum that follows assumes a mathematics background that will permit an enrollment in the calculus series as a freshman. If pre-calculus classes are needed, more than four semesters may be necessary to complete this program.

Orientation		1 hour	
COLL	101		
Communications		9 hours	
Written Communications (6 hours)			
ENGL	101*		
ENGL	102*	OR	ENGL 104*
Oral Communications (3 hours)			
SPCH	101*		
Humanities		9 hours	Additional Humanities (3 hours)
Fine Arts (3 hours)			ART 101
ART	101		ASL 101, 102
MUSC	101		ENGL 109, 120, 125
TA	205		FREN 101
Literature (3 hours)			HIST 101
ENGL	109, 120, 125		HUM 102, 103
			MUSC 101
			PHIL 101, 110, 121, 201, 202
			SPAN 101
			TA 205
Mathematics		5 hours	
MATH	150* & 160*		
Physical Education		2 hours	OR two of the following:
PE	113		102, 103, 104, 105, 110, 111, 114, 116, 117, 118, 144, 145, 204*, 205*, 216*, 244*, 245*
Science		10 hours	
Biological Science (5 hours)			Physical Science (5 hours)
BIOL	101		PHYS 190*
Social and Behavioral Science		9 hours	
Missouri Constitution (3 hours)			Additional 3 Hours
HIST	106		ECON 201, 202
PLSC	103, 104		GEOG 101
And 3 Hours			HIST 101, 102, 106, 107
ECON	201, 202		PHIL 110, 121
GEOG	101		PLSC 103, 104, 205
HIST	101, 102, 107		PSYC 101, 210, 215
PHIL	121		SOC 101
PSYC	101		
SOC	101		
Major Courses		22 hours	
COMP	111 Intro to Computer Science* (4)		MATH 210 Diff Equations* (3)
MATH	201 Calculus II* (5)		PHYS 210 Gen Physics II* (5)
MATH	202 Calculus III* (5)		
Additional Recommended Classes			
CHEM	111 Gen Chemistry I* (5)		CHEM 112 Gen Chemistry II* (5)
<i>Any classes in Alternative Energy.</i>			

*Prerequisite requirement