

ASSOCIATE OF ARTS DEGREE

Physical Sciences

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	
Fine Arts (3 hours)			
ART	101		
MUSC	101		
TA	205		
Literature (3 hours)			
ENGL	109, 120, 125		
		Additional Humanities (3 hours)	
		ART	101
		ASL	101, 102
		ENGL	109, 120, 125
		FREN	101
		HIST	101
		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	
PE	113	OR two of the following:	
		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	CHEM	111*
Social and Behavioral Science		9 hours	
Missouri Constitution (3 hours)			
HIST	106		
PLSC	103, 104		
And 3 Hours			
ECON	201, 202		
GEOG	101		
HIST	101, 102, 107		
PHIL	121		
PSYC	101		
SOC	101		
Major Courses		20 hours	
CHEM	112 Gen Chemistry II* (5)	PHYS	190 Gen Physics I* (5)
MATH	201 Calculus II* (5)	PHYS	210 Gen Physics II* (5)
Additional Recommended Classes			
COMP	111 Intro to Computer Science* (4)	GEOL	115 Intro to Geology (5)
MATH	202 Calculus III* (5)		

*Prerequisite requirement