

ASSOCIATE OF ARTS DEGREE

Chemistry

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. The 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 are 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		
Additional 3 Hours			
ECON	201, 202	ECON	201, 202
GEOG	101	GEOG	101
HIST	101, 102, 107	HIST	101, 102, 106, 107
PHIL	121	PHIL	110, 121
PSYC	101	PLSC	103, 104, 205
SOC	101	PSYC	101, 210, 215
		SOC	101
Major Courses		20 hours	
CHEM	112 General Chem II* (5)	PHYS	190 Gen Physics I* (5)
MATH	201 Calculus II* (5)	PHYS	210 Gen Physics II* (5)
Other Recommended Courses			
CHEM	201 Quant Analysis* (5)	MATH	202 Calculus III* (5)
COMP	111 Intro to Computer Science* (4)		

*Prerequisite requirement