## 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					
Communicat	tions		9 hours				
	Written C	Communications (6	hours)				
	ENGL	101*					
	ENGL	102*		OR	ENGL	104*	
	Oral Con	nmunications (3 ho	ours)				
	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	
	Literatur	e (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				
Matriciliatics	MATH	150* &160*	3 Hours				
Physical Edu	ıcation		2 hours		OR two	of the following:	
yorouuu	·oution		2		0,111,00	102, 103, 104, 105, 110, 111, 114, 116, 117, 118, 14	
	PE	113			PE	145, 204*, 205*, 216*, 244*, 245*	
Science	PE	113	10 hours		PE		
Science		113 al Science (5 hours					
Science						145, 204*, 205*, 216*, 244*, 245*	
Science Social and B	<i>Biologica</i> BIOL	al Science (5 hours			Physical	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)	
	<b>Biologica</b> BIOL ehavioral S	al Science (5 hours 101 Science	9 hours		<b>Physical</b> CHEM	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)	
	<b>Biologica</b> BIOL ehavioral S	al Science (5 hours	9 hours		<b>Physical</b> CHEM	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)  111*	
	Biologica BIOL ehavioral S Missouri	al Science (5 hours 101 Science Constitution (3 ho	9 hours		Physical CHEM  Additiona	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)  111*	
	Biologica BIOL ehavioral s Missouri HIST PLSC	al Science (5 hours 101 Science Constitution (3 ho	9 hours		Physical CHEM  Additional ECON	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)  111*  al 3 Hours  201, 202	
Social and B	Biologica BIOL ehavioral s Missouri HIST PLSC	al Science (5 hours 101 Science Constitution (3 ho 106 103, 104	9 hours		Physical CHEM Additiona ECON GEOG	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107	
Social and B	Biologica BIOL ehavioral S Missouri HIST PLSC Hours	al Science (5 hours 101 Science Constitution (3 ho	9 hours		Physical CHEM  Additional ECON GEOG HIST	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121	
Social and B	Biologica BIOL ehavioral S Missouri HIST PLSC Hours ECON	101 Science Constitution (3 ho 106 103, 104 201, 202 101	9 hours		Physical CHEM  Additional ECON GEOG HIST PHIL	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121 103, 104, 205	
Social and B	Biologica BIOL ehavioral S Missouri HIST PLSC Hours ECON GEOG HIST	al Science (5 hours 101 Science Constitution (3 ho 106 103, 104 201, 202	9 hours		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121	
Social and B	Biologica BIOL Pehavioral S Missouri HIST PLSC Hours ECON GEOG HIST PHIL	101 Science Constitution (3 ho 106 103, 104 201, 202 101 101, 102, 107 121	9 hours		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121 103, 104, 205 101, 210, 215	
Social and B	Biologica BIOL ehavioral S Missouri HIST PLSC Hours ECON GEOG HIST	al Science (5 hours 101 Science Constitution (3 ho 106 103, 104 201, 202 101 101, 102, 107	9 hours		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121 103, 104, 205 101, 210, 215	
Social and B	Biologica BIOL Pehavioral S Missouri HIST PLSC Hours ECON GEOG HIST PHIL PSYC SOC	201, 202 101 101 Science Constitution (3 ho 106 103, 104 201, 202 101 101, 102, 107 121	9 hours		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121 103, 104, 205 101, 210, 215	
Social and B	Biologica BIOL Pehavioral S Missouri HIST PLSC Hours ECON GEOG HIST PHIL PSYC SOC	201, 202 101 101 Science Constitution (3 ho 106 103, 104 201, 202 101 101, 102, 107 121	9 hours urs) 20 hours		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC SOC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121 103, 104, 205 101, 210, 215	
Social and B	Biologica BIOL Pehavioral S Missouri HIST PLSC Hours ECON GEOG HIST PHIL PSYC SOC	al Science (5 hours 101  Science Constitution (3 ho 106 103, 104  201, 202 101 101, 102, 107 121 101 101 112 General Che	9 hours urs) 20 hours em II* (5)		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC SOC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)  111*  al 3 Hours  201, 202  101  101, 102, 106, 107  110, 121  103, 104, 205  101, 210, 215  101  190 Gen Physics I* (5)	
Social and B	Biologica BIOL Missouri HIST PLSC Hours ECON GEOG HIST PHIL PSYC SOC es CHEM MATH	al Science (5 hours 101  Science Constitution (3 ho 106 103, 104  201, 202 101 101, 102, 107 121 101 101 112 General Che 201 Calculus II*	9 hours urs) 20 hours em II* (5)		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC SOC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours) 111*  al 3 Hours 201, 202 101 101, 102, 106, 107 110, 121 103, 104, 205 101, 210, 215 101	
Social and Bo	Biologica BIOL Missouri HIST PLSC Hours ECON GEOG HIST PHIL PSYC SOC es CHEM MATH	al Science (5 hours 101  Science Constitution (3 ho 106 103, 104  201, 202 101 101, 102, 107 121 101 101 112 General Che 201 Calculus II*	9 hours urs) 20 hours em II* (5)		Physical CHEM  Additional ECON GEOG HIST PHIL PLSC PSYC SOC	145, 204*, 205*, 216*, 244*, 245*  Science (5 hours)  111*  al 3 Hours  201, 202  101  101, 102, 106, 107  110, 121  103, 104, 205  101, 210, 215  101  190 Gen Physics I* (5)	

<sup>\*</sup>Prerequisite requirement