

# ASSOCIATE OF ARTS DEGREE

## Biology

Biologists are teachers in high schools, colleges, and universities. They also work as conservationists, nutritionists, laboratory technicians, foresters, rangers, sanitarians, marine biologists, and geneticists. Their working environment has as much variation as any career field: classrooms, laboratories, forests, national or state parks, state or municipal offices, agricultural research stations, oceanographic vessels, museums, zoos, greenhouses, medical laboratories, hospitals, deserts, tropical rain forests, or even the cold of the arctic regions. Biologically related jobs are predicted to increase much faster than most of the job market in the future. With recent advances in genetic research, many new doors are opening for biologists in such areas as medicine, synthesizing scarce biological molecules, and finding new food and energy sources.

<b>Orientation</b>		<b>1 hour</b>	
COLL	101		
<b>Communications</b>		<b>9 hours</b>	
<b>Written Communications (6 hours)</b>			
ENGL	101*		
ENGL	102*	<b>OR</b>	ENGL 104*
<b>Oral Communications (3 hours)</b>			
SPCH	101*		
<b>Humanities</b>		<b>9 hours</b>	
<b>Fine Arts (3 hours)</b>		<b>Additional Humanities (3 hours)</b>	
ART	101	ART	101
MUSC	101	ASL	101, 102
TA	205	ENGL	109, 120, 125
<b>Literature (3 hours)</b>		FREN	101
ENGL	109, 120, 125	HIST	101
		HUM	102, 103
		MUSC	101
		PHIL	101, 110, 121, 201, 202
		SPAN	101
		TA	205
<b>Mathematics</b>		<b>5 hours</b>	
MATH	111* & 112* or 150* & 160*		
<b>Physical Education</b>		<b>2 hours</b>	
PE	113	<b>OR two of the following:</b>	
		102, 103, 104, 105, 110, 111, 114, 116, 117, 118, 144, 145, 204*, 205*, 216*, 244*, 245*	
<b>Science</b>		<b>10 hours</b>	
<b>Biological Science (5 hours)</b>		<b>Physical Science (5 hours)</b>	
BIOL	101	CHEM	111*
<b>Social and Behavioral Science</b>		<b>9 hours</b>	
<b>Missouri Constitution (3 hours)</b>		<b>Additional 3 Hours</b>	
HIST	106	ECON	201, 202
PLSC	103, 104	GEOG	101
<b>And 3 Hours</b>		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		
<b>Major Courses</b>		<b>10 hours</b>	
BIOL	110 Gen Zoology		
BIOL	120 Gen Botany (5)		
<b>Approved Electives</b>		<b>10 hours</b>	
BIOL	220 Gen Microbiology* (5)	MATH	150 Calculus I Part 1* (2)
CHEM	112 General Chem II* (5)	MATH	160 Calculus I, Part II* (3)
CHEM	201 Quant. Analysis* (5)		

\*Prerequisite requirement