

Academic Program Sequence Map

Program Degree Type and Name: **BS Biology Animal Science Track**Catalog Year: **2026-2027**Program Level: **Undergraduate**Academic Term Type: **Semester***** Denote core course with an asterisk and (cc) next to the course number**

Year and Term: Year 1 Fall Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
Math 116: College Algebra or higher math (depending on placement) - QR Gen Ed	3	x				
ENGL 111: Written Engl and Lit Studies - (Comp I Gen Ed)	3	x				
BIOL 105: Pathways in Biology (Gen Ed - Scientific Reasoning) or ENGL 110 (if needed), if ENG 110, move BIOL 105 to 2nd sem and GE Self and Society to 3rd semester	3	x			CA	
BIOL 160: General Bio I (Liberal Arts)	3		x		SM, GC	
BIOL 160A: General Bio I Lab (Liberal Arts)	1		x		SM, GC, EL	
First Year Seminar (Gen Ed)	3	x				
Term Credit Total:	16	12	4			
Year and Term: Year 2 Fall Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
CHEM 161: General Chem II (Liberal Arts)	3		x		SM, GC	
CHEM 161A: General Chem II Lab (Liberal Arts)	1		x		SM, GC, EL	
BIOL 275: Cell Biology (Liberal Arts)	4		x		EL	
Gen Ed Self and Society - PSYN 101 if student will take PSYN 370 for stats requirement	3		X			
BIOL 230: Animal Behavior (Liberal Arts)	3		X		EL	
Term Credit Total:	14	0	14			
Year and Term: Year 3 Fall Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
Mercy Seminar III (Gen Ed)	3	x				
BIOL 244 Ecology (Liberal Arts) or BIOL220 Environment (Liberal Arts)	3		X		EL	
Math 201 PreCalculus (or Gen Ed if taken earlier) (Liberal Arts)	3		X			
BIOL 370: Research in Biology (Liberal Arts)	3		X		EL (WBE if employer collaboration?)	
Gen Ed (Ethical Reasoning)	3	x				
Term credit total:	15	6	10			
Year and Term: Year 3 Summer Term		Credits Per Classification				
WBE (0 credits) - if not completed earlier	0				WBE	
Year and Term: Year 4 Fall Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
Major Elective (Liberal Arts)	4		X			
Major Elective (Liberal Arts)	3		X			
Gen Ed (Creative Expression)	3	X				
Gen Ed (Language I) or elective if not needed	3	X				
Open elective	3			X		
Term Credit Total:	16	6	7	3		
Program Totals		Credits: 120		General Education: 42		

Year and Term: Year 1 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
CHEM 160: General Chemistry I (Liberal Arts)	3		X		SM, GC	
CHEM 160A: General Chemistry I Lab (Liberal Arts)	1		x		SM, GC, EL	
BIOL 161: General Bio II (Liberal Arts)	3		x		SM, GC	
BIOL 161A: General Bio II Lab (Liberal Arts)	1		x		SM, GC, EL	
Mercy Seminar II (Gen Ed)	3	X				
ENGL 112: Written Engl and Lit Studies II (Comp II Gen Ed)	3	x				
Term Credit Total:	14	6	8			
Year and Term: Year 2 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
BIOL 360 Genetics (Liberal Arts)	4		X		EL	
CHEM 260: Organic Chem I (Liberal Arts)	3		X			
CHEM 260A: Organic Chem I Lab	1		X		EL	
MATH 122 (Stats) or PSYN 370 (Behavioral stats) (Liberal Arts)	3	X				
BIOL 227 Principles of Evolution	3		X			
Term Credit Total:	14	3	11			
Year and Term: Year 3 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
Gen Ed (Humanities)	3	X				
BIOL 366 Developmental Biology (Liberal Arts)	4		x		EL	
Major Elective (Liberal Arts)	4		X			
CHEM 261: Organic Chem II (Liberal Arts)	3		X			
CHEM 261A: Organic Chem II Lab (Liberal Arts)	1		X		EL	
Term Credit Total:	15	3	11			
Year and Term: Year 4 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	
BIOL 460: Research Capstone in Biology (Liberal Arts)	3		X		EL (WBE if employer collaboration?)	
Major Elective (Liberal Arts)	4		X			
Elective (gen ed or open elective, depending on earlier)	3	X				
Gen Ed (Language II) or elective if not needed	3	X				
Open Elective	3			x		
Term Credit Total:	16	6	7	3		
Major & Major Elective: 72		Open Elective: 6				

Legend: CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective GC: Gateway Course CA: Career Activity ELC: Experiential Learning Course WBE: Work-Based Experience

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