

Academic Program Sequence Map

Program Degree Type and Name: BS Biology Animal Science Track
Program Level: Undergraduate Academic Term Type: Semester

Catalog Year: 2025-2026

* 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)	3	x								
ENGL 111: Written Engl and Lit Studies	3	x								
BIOL 105: Pathways in Biology	3	x			CA					
BIOL 160: General Bio I	3	x			SM, GC					
BIOL 160A: General Bio I Lab	1		x		SM, GC, EL					
CINQ 101: Critical Inquiry	3	x								
Term Credit Total:	16	15	1							
Year and Term: Year 2 Fall Term		Credits Per Classification								
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice					
CHEM 161: General Chem II	3	x			SM, GC					
CHEM 161A: General Chem II Lab	1	x			SM, GC, EL					
BIOL 275: Cell Biology	4		x		EL					
MATH 122 (Stats) or PSYN 370 (Behavioral stats)	3		X							
BIOL 227 Principles of Evolution	3		X		EL					
Term Credit Total:	14	4	10							
Year and Term: Year 3 Fall Term		Credits Per Classification								
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice					
Gen Ed	3	x								
BIOL 244 Ecology	4		X		EL					
JRSM 301: Junior Seminar	3	X								
BIOL 370: Research in Biology	3		X		EL (WBE if employer collaboration?)					
CIOMM 110: Oral Communications	3	x								
Term credit total:	16	9	7							
Year and Term: Year 3 Spring 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	3		X							
Major Elective	3		x							
Gen Ed	6	X								
Open elective	3			X						
Term Credit Total:	15	6	6	3						
Program Totals		Credits: 120		General Education: 60						
Year and Term: Year 1 Spring Term						Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice					
CHEM 160: General Chemistry I	3	X			SM, GC					
CHEM 160A: General Chemistry I Lab	1	x			SM, GC, EL					
BIOL 161: General Bio II	3	x			SM, GC					
BIOL 161A: General Bio II Lab	1	x			SM, GC, EL					
Gen Ed (Social) PSYN 101 if student will take PSYN 370	3	X								
ENGL 112: Written Engl and Lit Studies II	3	x								
Term Credit Total:	14	14	0							
Year and Term: Year 2 Spring Term						Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice					
BIOL 360 Genetics	4		X		EL					
CHEM 260: Organic Chem I	3		X							
CHEM 260A: Organic Chem I Lab	1		X		EL					
Math 201 PreCalculus (or gen ed if completed as incompleting)	3	X								
BIOL 230 Animal Behavior	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					
CISC 120: Intro to Computers	3	X								
BIOL 366 Developmental Biology	4		x		EL					
Major Elective	4		X							
CHEM 261: Organic Chem II	3		X							
CHEM 261A: Organic Chem II Lab	1		X		EL					
Term Credit Total:	15	3	12							
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	3		X		EL (WBE if employer collaboration?)					
Major Elective	4		X							
Gen Ed	6	X								
Open Elective	3			x						
Term Credit Total:	16	6	7	3						
Major & Major Elective: 54						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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