



Academic Program Sequence Map

Program Degree Type and Name: BS Biology Animal Science Track Catalog Year: 2022-2023

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	
Math 116: College Algebra	3	X			
ENGL 111: Written Engl and Lit Studies	3	X			
BIOL 105 Pathways in Biology	3	X			
CINQ 101: Critical Inquiry	3	X			
SPCM 110: Oral communication	3	x			
Term Credit Total:	15	15			
Year and Term: Year 2 Fall Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
CHEM 161: General Chem II	3	X			
CHEM 161A: General Chem II Lab	1	X			
VETC 101 Introduction to Veterinary Science	3		X		
MATH 201 Pre-Calculus	3		X		
BIOL 161: General Bio I	3	X			
BIOL 161A: General Bio I Lab	1	X			
Term Credit Total:	14	8	6		
Year and Term: Year 3 Fall Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
VETC 300 Physiology of Domestic Animals	4		X		
CHEM 261: Organic Chem II	3		X		
CHEM 261: Organic Chem II Lab	1		X		
JRSM 301: Junior Seminar	3	X			
BIOL 265: Microbiology Lecture	3	X			
BIOL 265A: Microbiology Lab	1		X		
Term credit total:	15	6	9		
Year and Term: Year 4 Fall Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
CHEM 354: Biochemistry	4		X		
Gen Ed (Arts)	3	X			
PHYS 180: Physics for Biomedical Sciences I	4		X		
VETC 320 Pharmacology and Toxicology	4		x		
Term Credit Total:	15	3	12		
Program Totals		Credits: 120		General Education: 60	

Year and Term: Year 1 Spring Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
CHEM 160: General Chemistry I	3	X			
CHEM 160A: General Chemistry I Lab	1	X			
BIOL 160: General Bio I	3	X			
BIOL 160A: General Bio I Lab	1		X		
Gen Ed (History)	3	X			
ENGL 112: Written Engl and Lit Studies II	3	X			
Term Credit Total:	14	13	1		
Year and Term: Year 2 Spring Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
BIOL 275: Cell Biology	4		X		
CHEM 260: Organic Chem I	3		X		
CHEM 260A: Organic Chem I Lab	1		X		
CISC 120 Intro to Computers	3	X			
VETC 256: Anatomy of Dom Animals Lecture	3		X		
VETC 256A: Anatomy of Domestic Animals Lab	1		X		
Term Credit Total:	15	3	12		
Year and Term: Year 3 Spring Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
BIOL 360: Genetics	4		X		
Gen Ed (Ethics and Religion)	3	X			
MATH 260: Calculus	4		X		
VETC 306A: Clinical Laboratory	1		X		
VETC 306: Clinical Laboratory Techniques	4		X		
Term Credit Total:	16	3	13		
Year and Term: Year 4 Spring Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
BIOL 460 Coordinating Seminar in Biology (cc)	3		X		
PHYS 181: Physics for Biomedical Sciences II	4		X		
Gen Ed (Lit)	3	X			
Gen Ed (Social Perspectives)	3	X			
Gen Ed (Language)	3	X			
Term Credit Total:	16	9	7		
Major & Major Elective: 60		Open Elective: 0			

Legend: CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective