

Academic Program Sequence Map

Program Degree Type and Name: BS Biology General Track

Catalog Year: 2024-2025

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 (if applicable) or Gen Ed	3	x									
ENGL 111: Written Engl and Lit Studies	3	x									
BIOL 105: Pathways in Biology	3	x			CA						
ENGL 110 or Gen Ed	3	x									
CINQ 101: Critical Inquiry	3	x									
Term Credit Total:	15	15									
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 161: General Bio II	3	x			SM, GC						
BIOL 161A: General Bio II Lab	1	x			SM, GC, EL						
MATH 122 (Stats) or PSYN 370 (Behavioral stats)	3		X								
COMM 110: Oral communication	3	x									
Term Credit Total:	14	11	3								
Year and Term: Year 3 Fall Term						Credits Per Classification					
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice						
BIOL 360: Genetics	4		X		EL						
CHEM 261: Organic Chem II	3		X								
CHEM 261: Organic Chem II Lab	1		X		EL						
JRSM 301: Junior Seminar	3	X									
One from Ecology, Behavior and Evolution (BIOL 227, 230, 244, 252)	4		X								
Term credit total:	15	3	12								
Year and Term: Year 4 Fall Term						Credits Per Classification					
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice						
BIOL 355: Molecular Biology of the Cell *(cc)	4		X		EL						
Major Elective 2	3		X								
Gen Ed	6	X									
Open Elective	3			X							
Term Credit Total:	16	6	7			3					
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 160: General Bio I	3	x			SM, GC						
BIOL 160A: General Bio I 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	13	1								
Year and Term: Year 2 Spring Term						Credits Per Classification					
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice						
BIOL 275: Cell Biology	4		x		EL						
CHEM 260: Organic Chem I	3		x								
CHEM 260A: Organic Chem I Lab	1		x		EL						
Math 201 PreCalculus	3	x									
BIOL 370 Research in Biology I	3		x		EL						
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						
One from Organismal Biology (HLSC 285, BIOL 265/A, BIOL 309, BIOL 366,)	4		X								
One from Cell/Molecular Sciences (CHEM 354, BIOL 310, BIOL 317, BIOL 424)	3		X								
Major Elective 1	3		X								
CISC 120 Intro to Computers	3	X									
Gen Ed	3	x									
Term Credit Total:	16	6	10								
Year and Term: Year 4 Spring Term						Credits Per Classification					
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice						
Major Elective 3	4		X								
BIOL 460 or BIOL 461: Research or Literature Capstone in Biology	3		X		EL						
Open Elective	6			X							
Gen Ed	3	x									
Term Credit Total:	16	3	7			6					
Program Totals											
						Credits: 120	General Ed: 60			Major/Major Electives: 42	Open Elective: 18

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