

Academic Program Sequence Map

Program Degree Type and Name: BS Biology General 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					Year and Term: Year 1 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	Milestone/Advice		
Math 116: College Algebra or higher math (depending on placement)	3	x				CHEM 160: General Chemistry I	3	X			SM, GC		
ENGL 111: Written Engl and Lit Studies	3	x				CHEM 160A: General Chemistry I Lab	1	x			SM, GC, EL		
BIOL 105: Pathways in Biology	3	x			CA	BIOL 161: General Bio II	3	x			SM, GC		
BIOL 160: General Bio I	3	x			SM, GC	BIOL 161A: General Bio II Lab	1	x			SM, GC, EL		
BIOL 160A: General Bio I Lab	1		x		SM, GC, EL	Gen Ed (Social) PSYN 101 if student will take PSYN 370	3	X					
CINQ 101: Critical Inquiry	3	x				ENGL 112: Written Engl and Lit Studies II	3	x					
Term Credit Total:	16	15	1			Term Credit Total:	14	14	0				
Year and Term: Year 2 Fall Term		Credits Per Classification					Year and Term: Year 2 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	Milestone/Advice		
CHEM 161: General Chem II	3	x			SM, GC	BIOL 360: Genetics	4		X		EL		
CHEM 161A: General Chem II Lab	1	x			SM, GC, EL	CHEM 260: Organic Chem I	3		x				
BIOL 275: Cell Biology	4		x		EL	CHEM 260A: Organic Chem I Lab	1		x		EL		
MATH 122 (Stats) or PSYN 370 (Behavioral stats)	3		X			Math 201 PreCalculus (or gen ed if completed as incoming math)	3	x					
COMM 110: Oral communication	3	x				BIOL 370 Research in Biology I	3		x		EL (WBE if employer collaboration?)		
Term Credit Total:	14	7	7			Term Credit Total:	14	3	11				
Year and Term: Year 3 Fall Term		Credits Per Classification					Year and Term: Year 3 Spring Term		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	Milestone/Advice		
Gen Ed	3	X				One from Organismal Biology (HLSC 285, BIOL 265/A, BIOL 309, BIOL 366,)	4		X				
CHEM 261: Organic Chem II	3		X			One from Cell/Molecular Sciences (CHEM 354, BIOL 310, BIOL 317, BIOL 424	3		X				
CHEM 261: Organic Chem II Lab	1		X		EL	Major Elective 1	3		X				
JRSM 301: Junior Seminar	3	X				CISC 120 Intro to Computers	3	X					
One from Ecology, Behavior and Evolution (BIOL 227, 230, 244, 252)	4		X			Gen Ed	3	x					
Term credit total:	14	6	8			Term Credit Total:	16	6	10				
Year and Term: Year 3 Summer Term		Credits Per Classification					Year and Term: Year 4 Spring Term		Credits Per Classification				
WBE (0 credits) - if not completed earlier	0				WBE	Course Number & Title	CR	GE	Maj	OE	Milestone/Advice		
Year and Term: Year 4 Fall Term		Credits Per Classification					Major Elective 3	4		X			
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice	BIOL 460: Research Capstone in Biology	3		X		EL (WBE if employer collaboration?)		
BIOL 355: Molecular Biology of the Cell *(cc)	4		X		EL	Open Elective	6			X			
Major Elective 2	3		X			Gen Ed	3	x					
Gen Ed	6	X				Term Credit Total:	16	3	7	6	6		
Open Elective	3			X									
Term Credit Total:	16	6	7	3									
Program Totals		Credits: 120		General Ed: 60			Major/Major Electives: 51			Open Elective: 9			