

## Academic Program Sequence Map

**Program Degree Type and Name:** BS Biology General Track
**Catalog Year:** 2023-2024
**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					Year and Term: Year 1 Spring Term																			
Course Number & Title	CR	GE	Maj	OE	Course Number & Title	CR	GE	Maj	OE															
Math 116: College Algebra (if applicable) or Gen Ed	3	x			CHEM 160: General Chemistry I	3	x																	
ENGL 111: Written Engl and Lit Studies	3	x			CHEM 160A: General Chemistry I Lab	1	x																	
BIOL 105: Pathways in Biology	3	x			BIOL 160: General Bio I	3	x																	
ENGL 110 or Gen Ed	3	x			BIOL 160A: General Bio I Lab	1		x																
CINQ 101: Critical Inquiry	3	x			Gen Ed (Social) PSYN 101 if student will take PSYN 370	3	x																	
					ENGL 112: Written Engl and Lit Studies II	3	x																	
<b>Term Credit Total:</b>	15	15			<b>Term Credit Total:</b>	14	13	1																
Year and Term: Year 2 Fall Term					Year and Term: Year 2 Spring Term																			
Course Number & Title	CR	GE	Maj	OE	Course Number & Title	CR	GE	Maj	OE															
CHEM 161: General Chem II	3	x			BIOL 275: Cell Biology	4		x																
CHEM 161A: General Chem II Lab	1	x			CHEM 260: Organic Chem I	3		x																
BIOL 161: General Bio II	3	x			CHEM 260A: Organic Chem I Lab	1		x																
BIOL 161A: General Bio II Lab	1	x			Math 201 PreCalculus	3	x																	
MATH 122 (Stats) or PSYN 370 (Behavioral stats)	3		X		BIOL 370 Research in Biology I	3		x																
COMM 110: Oral communication	3	x																						
<b>Term Credit Total:</b>	14	11	3		<b>Term Credit Total:</b>	14	3	11																
Year and Term: Year 3 Fall Term					Year and Term: Year 3 Spring Term																			
Course Number & Title	CR	GE	Maj	OE	Course Number & Title	CR	GE	Maj	OE															
BIOL 360: Genetics	4		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		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																	
<b>Term credit total:</b>	15	3	12		<b>Term Credit Total:</b>	16	6	10																
Year and Term: Year 4 Fall Term					Year and Term: Year 4 Spring Term																			
Course Number & Title	CR	GE	Maj	OE	Course Number & Title	CR	GE	Maj	OE															
BIOL 355: Molecular Biology of the Cell *(cc)	4		X		Major Elective 3	4		X																
Major Elective 2	3		X		BIOL 460 or BIOL 461: Research or Literature Capstone in Biology	3		X																
Gen Ed	6	X			Open Elective	6			X															
Open Elective	3			X	Gen Ed	3	x																	
<b>Term Credit Total:</b>	16	6	7	3	<b>Term Credit Total:</b>	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