

Academic Program Sequence Map

Program Degree Type and Name: BS Biology Education Track

Catalog Year: 2021-2022

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	3	X		
ENGL 111: Written ENGL and Lit Studies	3	X		
ENGL 110 or Gen Ed	3	X		
CINQ 101: Critical Inquiry	3	X		
BIOL 105 Pathways in Biology	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		
BIOL 161: General Bio II	3	X		
BIOL 161A: General Bio II Lab	1	X		
Gen Ed	3	X		
COMM 110: Oral Communication	3	X		
Term Credit Total:	14	14		
Year and Term: Year 3 Fall Term		Credits Per Classification		
Course Number & Title	CR	GE	Maj	OE
BIOL 244: Ecology	4		X	
JRSM 301: Junior Seminar	3	X		
Gen Ed	3	X		
PHYS 160: Physics for Life Sci	4		X	
Open Elective (eg. Med Termniology)	2			X
Term credit total:	16	6	8	2
Year and Term: Year 4 Fall Term		Credits Per Classification		
Course Number & Title	CR	GE	Maj	OE
Major Elect 1 (BIOL 366 or BIOL 370)	3		X	
BIOL 355: Molecular Biology (cc)*	4		X	
Open Elective	3			X
Open Elective	3			X
Gen Ed	3	X		
Term Credit Total:	16	3	7	6
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	
MATH 201	3	X		
ENGL 112 Written English 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	
BIOL 226: Elements of Biochemistry	3		X	
BIOL 223: Intro to Sci Teaching	3		X	
Gen Ed	6	X		
Term Credit Total:	16	6	10	
Year and Term: Year 3 Spring Term		Credits Per Classification		
Course Number & Title	CR	GE	Maj	OE
BIOL 360: Genetics	4		X	
Gen Ed	3	X		
Open Elective	3			X
CHEM 260: Organic Chem I	3		X	
CHEM 260A: Organic Chem I Lab	1		X	
Term Credit Total:	14	3	8	3
Year and Term: Year 4 Spring Term		Credits Per Classification		
Course Number & Title	CR	GE	Maj	OE
BIOL 455: Capstone in Bio Ed	3		X	
Open Elective	3			X
Open Elective	3			X
Open Elective	3			X
Major Elective 2	3		X	
Term Credit Total:	15		6	9
Program Totals		Credits: 120	General Ed: 60	
		Major/Major Electives: 40		Open Elective: 20

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