

Academic Program Sequence Map

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

Program Level: Undergraduate Academic Term Type: Semester

* Denote core course with an asterisk and (cc) next to the	oouroc.	numb -		mic re	rm Type: Semester						
Year and Term: Year 1 Fall Term		lits Per (ation	Year and Term: Year 1 Spring Term	Cre	edits Per (Classificat	ion		
Course Number & Title					Course Number & Title						
MATH 116	CR 3	GE	Maj	OE		CR 3	GE X	Maj	OE		
ENGL 111: Written ENGL and Lit Studies		X			CHEM 160: General Chemistry I	1					
	3	X			CHEM 160A: General Chemistry I Lab		X				
ENGL 110 or Gen Ed	3	X			BIOL 160: General Bio I	3	X				
CINQ 101: Critical Inquiry	3	X			BIOL 160A: General Bio I Lab	1	.,	Х			
BIOL 105 Pathways in Biology	3	X			MATH 201	3	X				
1:1	45	45			ENGL 112 Written English II	3	X				
Term Credit Total:	15	1 5	1 16		Term Credit Total:	14	13	1			
Year and Term: Year 2 Fall Term		lits Per (Year and Term: Year 2 Spring Term		edits Per (
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		Х			
CHEM 161A: General Chem II Lab	1	X			BIOL 226: Elements of Biochemistry	3		X			
BIOL 161: General Bio II	3	X			BIOL 223: Intro to Sci Teaching	3		X			
BIOL 161A: General Bio II Lab	1	X			Gen Ed	6	X				
Gen Ed	3	X									
COMM 110: Oral Communication	3	X									
Term Credit Total:	14	14			Term Credit Total:	16	6	10			
Year and Term: Year 3 Fall Term		lits Per (Year and Term: Year 3 Spring Term		edits Per (
Course Number & Title	CR	GE	Maj	OE	Course Number & Title	CR	GE	Maj	OE		
BIOL 244: Ecology	4		Х		BIOL 360: Genetics	4		X			
JRSM 301: Junior Seminar	3	X			Gen Ed	3	X				
Gen Ed	3	X			Open Elective	3			X		
PHYS 160: Physics for Life Sci	4		X		CHEM 260: Organic Chem I	3		X			
Open Elective (eg. Med Termniology)	2			X	CHEM 260A: Organic Chem I Lab	1		X			
Term credit total:	16	6	8	2	Term Credit Total:	14	3	8	3		
Year and Term: Year 4 Fall Term		lits Per (ition	Year and Term: Year 4 Spring Term		edits Per (ion		
Course Number & Title	CR	GE	Maj	OE	Course Number & Title	CR	GE	Maj	OE		
Major Elect 1 (BIOL 366 or BIOL 370)	3		X		BIOL 455: Capstone in Bio Ed	3		X			
BIOL 355: Molecular Biology (cc)*	4		X		Open Elective	3			X		
Open Elective	3			X	Open Elective	3			X		
Open Elective	3			X	Open Elective	3			X		
Gen Ed	3	X			Major Elective 2	3		X			
Term Credit Total:	16	3	7	6	Term Credit Total:	15		6	9		
Program Totals	Credits: 120 General Ed: 60				Major/Major Electives: 40	Ope			n Elective: 20		

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