

Academic Program Sequence Map

Program Degree Type and Name: BS Biology Education Track

Catalog Year: 2022-2023

Program Level: Undergraduate

Academic Term Type: Semester

<b>* Denote core course with an asterisk and (cc) next to the course number</b>						
<b>Year and Term: Year 1 Fall Term</b>		<b>Credits Per Classification</b>				
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				
<b>Term Credit Total:</b>	<b>15</b>	<b>15</b>				
<b>Year and Term: Year 2 Fall Term</b>		<b>Credits Per Classification</b>				
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				
<b>Term Credit Total:</b>	<b>14</b>	<b>14</b>				
<b>Year and Term: Year 3 Fall Term</b>		<b>Credits Per Classification</b>				
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		
<b>Term credit total:</b>	<b>16</b>	<b>6</b>	<b>8</b>	<b>2</b>		
<b>Year and Term: Year 4 Fall Term</b>		<b>Credits Per Classification</b>				
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				
<b>Term Credit Total:</b>	<b>16</b>	<b>3</b>	<b>7</b>	<b>6</b>		
<b>Year and Term: Year 1 Spring Term</b>		<b>Credits Per Classification</b>				
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				
<b>Term Credit Total:</b>	<b>14</b>	<b>13</b>	<b>1</b>			
<b>Year and Term: Year 2 Spring Term</b>		<b>Credits Per Classification</b>				
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				
<b>Term Credit Total:</b>	<b>16</b>	<b>6</b>	<b>10</b>			
<b>Year and Term: Year 3 Spring Term</b>		<b>Credits Per Classification</b>				
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			
<b>Term Credit Total:</b>	<b>14</b>	<b>3</b>	<b>8</b>	<b>3</b>		
<b>Year and Term: Year 4 Spring Term</b>		<b>Credits Per Classification</b>				
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			
<b>Term Credit Total:</b>	<b>15</b>		<b>6</b>	<b>9</b>		
<b>Program Totals</b>		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