

## 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		
<b>Term Credit Total:</b>	<b>15</b>	<b>15</b>		

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		
<b>Term Credit Total:</b>	<b>14</b>	<b>14</b>		

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
<b>Term credit total:</b>	<b>16</b>	<b>6</b>	<b>8</b>	<b>2</b>

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		
<b>Term Credit Total:</b>	<b>16</b>	<b>3</b>	<b>7</b>	<b>6</b>

<b>Program Totals</b>	Credits: 120	General Ed: 60	Major/Major Electives: 40	Open Elective: 20
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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		
<b>Term Credit Total:</b>	<b>14</b>	<b>13</b>	<b>1</b>	

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		
<b>Term Credit Total:</b>	<b>16</b>	<b>6</b>	<b>10</b>	

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	
<b>Term Credit Total:</b>	<b>14</b>	<b>3</b>	<b>8</b>	<b>3</b>

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