

2027 Academic Planning Form: BIOLOGY B.A.

5/18/2023

1st courses recommended for Biology - BIO 103

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
<b>1<sup>st</sup> Year</b>	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	BIO 103 General Biology I ( <b>Natural Science Core</b> )	4	BIO 104 General Biology II	4	
	CHM 101 General Chemistry I ( <b>Natural Science Core</b> )	4	CHM 102 General Chemistry II	4	
	MTH 109 Calculus I ( <b>Quantitative Reasoning Core</b> )	3	Core/Elective	3	
		<b>15</b>		<b>15</b>	<b>30</b>
<b>2<sup>nd</sup> Year</b>	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	CHM 201 Organic Chemistry I	4	BIO 200 Int. Cell Bio & Mol. Genetics ( <b>Intensive Writing II Prof.</b> )	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
		<b>14</b>		<b>13</b>	<b>27</b>
<b>3<sup>rd</sup> Year</b>	BIO Elective w/ Lab	4	BIO Elective w/ Lab	4	
	EPS 101 General Physics I	4	Science Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
		<b>17</b>		<b>16</b>	<b>33</b>
<b>4<sup>th</sup> Year</b>	BIO Elective w/ Lab	4	Science Elective	3	
	Science Elective	3	Science Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
		<b>16</b>		<b>15</b>	<b>31</b>
<b>*Graduation Requirement includes a minimum of 120 credit hours*</b>			<b>Total Program of Study Credits</b>		<b>121</b>
<b>**BIO BA Majors fulfill the Natural Science and Quantitative Reasoning Cores along with the Intensive Writing II Proficiency as indicated.</b>					
<b>Core requirements include a foundational component and satisfaction of all proficiencies.</b>					
<b>Foundational Component:</b>			<b>Proficiencies:</b>		
<ul style="list-style-type: none"> <li>• DWC - 4 semester sequence, 16-20 cr.</li> <li>• Theology (200 &amp; 300 level) - 6 cr.</li> <li>• Philosophy (1 Ethics) - 6 cr.</li> <li>• Natural Science - 3 cr. (<b>BIO 103 or CHM 101</b>)**</li> <li>• Social Science - 3 cr.</li> <li>• Quantitative Reasoning - 3 cr. (<b>MTH 109 or higher</b>)**</li> <li>• Fine Arts - 3 cr.</li> </ul>			<ul style="list-style-type: none"> <li>• Intensive Writing - I</li> <li>• Intensive Writing - II (<b>BIO 200</b>)**</li> <li>• Diversity</li> <li>• Civic Engagement</li> <li>• Oral Proficiency</li> </ul>		
<b>Major Requirements (BIO BA Courses):</b>					
<ul style="list-style-type: none"> <li>• BIO 103, BIO 104, BIO 200</li> <li>• CHM 101, CHM 102, CHM 201</li> <li>• MTH 109 (or higher)</li> <li>• EPS 101</li> </ul>			<ul style="list-style-type: none"> <li>• 3 BIO Electives w/ lab (4 cr. each)</li> <li>• 4 approved Science Electives above the introductory level elected from BIO, CHM, MTH, and PHY (EPS 102; MTH 110, MTH 131, and MTH 132 allowed).</li> </ul>		