

## Providence College - Biology B.A.

Class of 2029

<b>Core Requirements</b>		<b>Credits</b>
Development of Western Civilization (4)		16
Ethics		3
Philosophy		3
Fine Arts		3
Quantitative Reasoning	<i>MTH 109 (3)</i>	
Natural Science	<i>BIO 103 (4)</i>	
Social Science		3
Theology 200 Level		3
Theology 300 Level		3
Intensive Writing I Proficiency		3
Intensive Writing II Proficiency	<i>BIO 200 (3)</i>	
Oral Communication Proficiency		3
Diversity Proficiency		3
Civic Engagement Proficiency		3
Free Electives		

<b>Major Requirements</b>		<b>Credits</b>
<b>BIO 103</b> - General Biology I		4
<b>BIO 104</b> - General Biology II		4
<b>BIO 200</b> - Cell Biology & Molecular Genetics		3
<b>CHM 101</b> - General Chemistry I		4
<b>CHM 102</b> - General Chemistry II		4
<b>CHM 201</b> - Organic Chemistry I		4
<b>MTH 109</b> - Calculus I (or higher course)		3
<b>EPS 101</b> - General Physics I		4
<b>BIO Electives w/ Lab (3)</b>		12
<b>Science Electives (4)</b>		12

<b>Graduation Requirements / Degree Notes</b>		
- Students at Providence College must complete 120 credits, which includes both their core and major requirements.		
- BIO BA majors fulfill the Natural Science and Quantitative Reasoning Cores, along with the Intensive Writing II Proficiency.		
- Science electives need to be above the introductory level elected from BIO, CHM, MTH, and PHY (EPS 102; MTH 110, MTH 131, and MTH 132 allowed).		
- Students at PC need a minimum GPA of 2.0 to graduate.		

<b>FRESHMAN YEAR</b>					
<b>FALL</b>			<b>SPRING</b>		
<b>Course #</b>	<b>Class</b>	<b>Credits</b>	<b>Course #</b>	<b>Class</b>	<b>Credits</b>
DWC 101	Development of Western Civilization I	4	DWC 102	Development of Western Civilization II	4
BIO 103	<b>General Biology I (Natural Science)</b>	4	BIO 104	General Biology II	4
CHM 101	General Chemistry I	4	CHM 102	General Chemistry II	4
MTH 109	<b>Calculus I (Quantitative Reasoning)</b>	3		<b>CORE / FREE ELECTIVE</b>	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>
					30

<b>SOPHOMORE YEAR</b>					
<b>FALL</b>			<b>SPRING</b>		
<b>Course #</b>	<b>Class</b>	<b>Credits</b>	<b>Course #</b>	<b>Class</b>	<b>Credits</b>
DWC 201	Development of Western Civilization III	4	DWC 202	Development of Western Civilization IV	4
CHM 201	Organic Chemistry I	4	BIO 200	Cell Biology & Molecular Genetics ( <b>Intensive Writing II</b> ) or BIO Elective	3
BIO 200	<b>BIO 200/CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>13</b>
					27

<b>JUNIOR YEAR</b>					
<b>FALL</b>			<b>SPRING</b>		
<b>Course #</b>	<b>Class</b>	<b>Credits</b>	<b>Course #</b>	<b>Class</b>	<b>Credits</b>
	BIO Elective w/ Lab or Science Elective	4		BIO Elective w/ Lab or Science Elective	4
EPS 101	General Physics I	4		BIO Elective w/ Lab or Science Elective	3
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>16</b>
					33

<b>SENIOR YEAR</b>					
<b>FALL</b>			<b>SPRING</b>		
<b>Course #</b>	<b>Class</b>	<b>Credits</b>	<b>Course #</b>	<b>Class</b>	<b>Credits</b>
	BIO Elective w/ Lab or Science Elective	4		BIO Elective w/ Lab or Science Elective	3
	BIO Elective w/ Lab or Science Elective	3		BIO Elective w/ Lab or Science Elective	4
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
	<b>CORE / FREE ELECTIVE</b>	3		<b>CORE / FREE ELECTIVE</b>	3
<b>TOTAL</b>		<b>16</b>			
					32
<b>TOTAL PROGRAM OF STUDY CREDITS</b>					<b>122</b>