

Providence College - Biology B.S.

Class of 2029

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

Major Requirements	Credits
<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>CHM 202</b> - Organic Chemistry II	4
<b>MTH 109</b> - Calculus I	3
<b>MTH 110</b> - Calculus II (or higher)	3
<b>EPS 101</b> - General Physics I	4
<b>EPS 102</b> - General Physics II	4
<b>BIO Electives</b> (5 total, 3 w/ Lab)	18

## **Graduation Requirements / Degree Notes**

- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- BIO B.S. majors fulfill the Natural Science and Quantitative Reasoning Cores, along with the Intensive Writing II Proficiency.
- Students at PC need a minimum GPA of 2.0 to graduate.

FRESHMAN YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
DWC 101	Development of Western Civilization I	4	DWC 102	Development of Western Civilization II	4	
BIO 103	General Biology I <b>(Natural Science)</b>	4	BIO 104	General Biology II	4	
CHM 101	General Chemistry I	4	CHM 102	General Chemistry II	4	
MTH 109	Calculus I <b>(Quantitative Reasoning)</b>	3	MTH 110	Calculus II	3	
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>	<b>30</b>

SOPHOMORE YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
DWC 201	Development of Western Civilization III	4	DWC 202	Development of Western Civilization IV	4	
CHM 201	Organic Chemistry I	4	CHM 202	Organic Chemistry II	4	
BIO 200	BIO Elective w/ Lab or Free Elective	3	BIO 200	Cell Biology & Molecular Genetics (Intensive Writing II) or Elective	3	
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3	
TOTAL		14	TOTAL		14	28

JUNIOR YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
EPS 101	BIO Elective w/ Lab	4	EPS 102	BIO Elective w/ Lab	4	
	General Physics I	4		General Physics II	4	
	<i>CORE / FREE ELECTIVE</i>	3		<i>CORE / FREE ELECTIVE</i>	3	
	<i>CORE / FREE ELECTIVE</i>	3		<i>CORE / FREE ELECTIVE</i>	3	
				<i>CORE / FREE ELECTIVE</i>	3	
TOTAL		14	TOTAL		17	31

SENIOR YEAR			
FALL		SPRING	
Course #	Class	Credits	
	BIO Elective w/ Lab	4	
	BIO Elective	3	
	CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3	
TOTAL		16	
TOTAL PROGRAM OF STUDY CREDITS			120