## 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
BIO 103 - General Biology I	4
BIO 104 - General Biology II	4
BIO 200 - Cell Biology & Molecular Genetics	3
CHM 101 - General Chemistry I	4
CHM 102 - General Chemistry II	4
CHM 201 - Organic Chemistry I	4
CHM 202 - Organic Chemistry II	4
MTH 109 - Calculus I	3
MTH 110 - Calculus II (or higher)	3
EPS 101 - General Physics I	4
EPS 102 - General Physics II	4
BIO Electives (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 Cred	
DWC 101	Development of Western Civilization I	4		DWC 102	Development of Western Civilization II	4		
BIO 103	General Biology I (Natural Science)	4		BIO 104	General Biology II	4		
CHM 101	General Chemistry I	4		CHM 102	General Chemistry II	4		
MTH 109	Calculus I (Quantitative Reasoning)	3		MTH 110	Calculus II	3		
TOTAL		15		TOTAL		15	30	

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

		JUN	IOR Y	EAR			
	FALL				SPRING		
Course #	Class	Credits		Course #	Class	Credits	Total Year Credits
	BIO Elective w/ Lab	4			BIO Elective w/ Lab	4	
EPS 101	General Physics I	4		EPS 102	General Physics II	4	
	CORE / FREE ELECTIVE	3			CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3			CORE / FREE ELECTIVE	3	
					CORE / FREE ELECTIVE	3	
TOTAL		14		TOTAL		17	31

		SENIC	R YEAR			
	FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
	BIO Elective w/ Lab	4		BIO Elective	3	
	BIO Elective	3		CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3	
TOTAL		16			15	31
TOTAL PROGRAM OF STUDY CREDITS					120	