

**Providence College - Biology/Secondary Education B.A.
Class of 2029**

Core Requirements	Credits
Development of Western Civilization (4)	16
Ethics	3
Philosophy	3
Fine Arts	3
Quantitative Reasoning	<i>MTH 109</i> (3)
Natural Science	<i>BIO 103</i> (4)
Social Science	<i>EDU 201</i> (3)
Theology 200 Level	3
Theology 300 Level	3
Intensive Writing I Proficiency	3
Intensive Writing II Proficiency	<i>BIO 200</i> (3)
Oral Communication Proficiency	<i>EDU 450</i> (9)
Diversity Proficiency	3
Civic Engagement Proficiency	<i>EDU 301</i> (3)

Major Requirements	Credits
BIO 103 - General Biology I	4
BIO 104 - General Biology II	4
BIO 200 - Cell Biology & Molecular Genetics	3
BIO Electives w/ Lab (3) Physiology and Ecology recommended	12
Science Electives (4 above 100-Level from BIO, CHEM, EPS, MTH (EPS 102, MTH 110, 131, 132 are allowed)	12
MTH 109 - Calculus I (or higher)	3
CHM 101 - General Chemistry I	4
CHM 102 - General Chemistry II	4
CHM 201 - Organic Chemistry I	4
EPS 101 - General Physics I	4
EDU 201 - Educational Psychology	3
EDU 206/206L - Principles of Secondary Ed.	4
EDU 301 - Foundations of Education	3
EDU 303/303L - Child w/ Sp. Needs in Reg. Class	4
EDU 401/401L - Educational Measurement	4
EDU 412/412L - Teaching Science in Sec. Schools	4
EDU 449 - Classroom Management	1
EDU 450 - Student Teaching	9

Graduation Requirements / Degree Notes
- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- BIOE BA Majors fulfill the Natural Science, Social Science, and Quantitative Reasoning Cores, along with the Intensive Writing II, Oral Communication and Civic Engagement Proficiencies.
- Secondary Education majors have a two-step process to declare, including a basic skills test or completion of a 1-credit course mandated by the Rhode Island Board of Education and a cumulative GPA of at least 2.5. (This program of study provides a certification in Biology and General Science.)
- Students at PC need a minimum GPA of 2.0 to graduate.

FRESHMAN YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
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		CORE	3
TOTAL		15	TOTAL		15
					30

SOPHOMORE YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
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 (Intensive Writing II)	3
EDU 201	Educational Psychology (Social Science)	3	EDU 206/206L	Principles of Secondary Education w/ Lab	4
BIO 200	<i>BIO 200/Science Elective</i>	3	BIO 200	<i>BIO 200/CORE</i>	3
TOTAL		14	TOTAL		14
					28

JUNIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
	<i>BIO Elective w/ Lab</i> (Ecology)	4		<i>BIO Elective w/ Lab</i>	4
EPS 101	General Physics I	4	EDU 303/303L	Child w/ Special Needs in Reg. Class w/ Lab	4
EDU 401/401L	Educational Measurement w/ Lab	4		<i>Science Elective</i>	3
	<i>Science Elective</i>	3		CORE	3
	CORE	3		CORE	3
TOTAL		18	TOTAL		17
					35

SENIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
	<i>BIO Elective w/ Lab</i> (Physiology)	4	EDU 301	Foundation of Education (Civic Engagement)	3
	<i>Science Elective</i>	3	EDU 450	Student Teaching (Oral Communication)	9
EDU 412/412L	Teaching Science in Sec. Schools w/ Lab	4	EDU 449	Classroom Management	1
	CORE	3		CORE	3
	CORE	3			
TOTAL		17			16
					33
TOTAL PROGRAM OF STUDY CREDITS					126