

Providence College - Biology/Secondary Education B.S.

Class of 2029

Core Requirements	Credits
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	<i>EDU 201 (3)</i>
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	<i>EDU 450 (3)</i>
Diversity Proficiency	3
Civic Engagement Proficiency	<i>EDU 301 (3)</i>

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	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	
EDU 201	Educational Psychology (Social Science)	3	BIO 200	Cell Biology & Molecular Genetics (Intensive Writing II) or BIO Elective	3	
BIO 200	BIO 200/BIO Elective	4	EDU 206/206L	Principles of Secondary Education w/ Lab	4	
TOTAL		15	TOTAL		15	30

JUNIOR YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
	<i>BIO Elective w/ Lab (Ecology)</i>	4		<i>BIO Elective w/ Lab</i>	4	
EPS 101	General Physics I	4	EPS 102	General Physics II	4	
EDU 401/401L	Educational Measurement w/ Lab	4	EDU 303/303L	Child w/ Special Needs in Reg. Class w/ Lab	4	
	<i>CORE</i>	3		<i>CORE</i>	3	
	<i>CORE</i>	3		<i>CORE</i>	3	
TOTAL		18	TOTAL		18	36

SENIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
	<i>BIO Elective w/ Lab (Physiology)</i>	4	EDU 301	Found. of Education (Civic Engagement)	3
	<i>BIO 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
	<i>CORE</i>	3		<i>CORE</i>	3
	<i>CORE</i>	3			
TOTAL		17			16
TOTAL PROGRAM OF STUDY CREDITS					33

Graduation Requirements / Degree Notes
- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- BIOE BS 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.