

Providence College - Biology B.S. & O.D.

Class of 2029

7-Year Combined Degree Program with New England College of Optometry (NECO)

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	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	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
CHM 309 - Biochemistry	3
MTH 109 - Calculus I	3
MTH 110 - Calculus II	3
MTH 218 - Biostatistics	3
EPS 101 - General Physics I	4
EPS 102 - General Physics II	4
Social Science (PSY 100)	3
BIO Elective w/ Lab (one being Microbiology)	12

Graduation Requirements / Degree Notes
- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- BIO B.S. Optometry Majors fulfill the Natural Science and Quantitative Reasoning Cores, along with the Intensive Writing II Proficiency.
- The Providence College Core will satisfy the NECO admission requirement in English.
- The first year courses at NECO will be accepted as transfer credits to complete the remaining requirements for the Providence College degree.
- 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 (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	
EPS 101	General Physics I	4	BIO 200	Cell Biology & Molecular Genetics (Intensive Writing II) or BIO Elective	3	
BIO 200	BIO 200/ BIO Elective	4	EPS 102	General Physics II	4	
	<i>CORE / FREE ELECTIVE</i>	3	BIO 200	<i>BIO 200/CORE / FREE ELECTIVE</i>	3	
TOTAL		19	TOTAL		18	37

JUNIOR YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
	BIO Elective w/ Lab (Microbiology)	4		BIO Elective w/ Lab	4	
CHM 309	Biochemistry	3	MTH 218	Biostatistics	3	
	Social Science (PSY 100)	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		<i>CORE / FREE ELECTIVE</i>	3	
	OAT - September Test Administration					
TOTAL		16	TOTAL		16	32

SENIOR YEAR		
FALL	SPRING	
Science Electives (fulfilled by 1st year courses at New England College of Optometry		
TOTAL PROGRAM OF STUDY CREDITS		99