

Providence College - Environmental Biology 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	3
Theology 200 Level	3
Theology 300 Level	3
Intensive Writing I Proficiency	3
Intensive Writing II Proficiency	<i>BIO 202 (3)</i>
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 202 - Foundations of Environmental Bio.	3
BIO 250 - Biogeochemistry	3
BIO 340 - Env. Methods & Statistical Analysis	4
CHM 101 - General Chemistry I	4
CHM 102 - General Chemistry II	4
Field Based Lab Courses (2)	4
BIO Electives (5)	15
MTH 109 - Calculus I	3
MTH 218 - Biostatistics	3

Graduation Requirements / Degree Notes

- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- Students at PC need a minimum GPA of 2.0 to graduate.
- BIO Electives must be from BIO 220, 225, 230, 240, 310, 350, 395, 396, 401, 450, 451, 495, 496, ATS course with Chair permission (476, 479, 480), or these interdisciplinary courses: INT 379, MTH 110, PSCI 212 (Geology at RIC w/ Pre-Approval).
- Field-Based Lab Courses must be from: BIO 220, 240, 350, 401, ATS courses w/ Chair permission (BIO 476, 479, 480).
- Two or more of the following Env Humanities/Social Science courses are highly recommended and many will fulfill core/proficiency requirements (ECN 335, 342, ENG 440, 441, GST 418, PHL 239, 339, 429, PSC 217, 318, SOC 303, THL 324).

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 <u>(Natural Science)</u>	4	BIO 104	General Biology II	4	
CHM 101	General Chemistry I	4	CHM 102	General Chemistry II	4	
MTH 109	Calculus I <u>(Quantitative Reasoning)</u>	3		<i>CORE or Env Humanities/Social Science</i>	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	
BIO 202	Foundations of Environmental Biology <u>(Intensive Writing II)</u>	3	BIO 250	Biogeochemistry	3	
MTH 218	Biostatistics	3	BIO 340	Env. Methods & Statistical Analysis	4	
	BIO Elective or Field Based Elective w/ Lab	3 or 4		BIO Elective	3	
	CORE / FREE ELECTIVE	3		CORE or Env Humanities/Social Science	3	
TOTAL		16 or 17	TOTAL		17	33 or 34

JUNIOR YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
	BIO Elective or Field Based Elective w/ Lab	3 or 4		BIO Elective or Field Based Elective w/ Lab	3 or 4	
	BIO Elective or FREE ELECTIVE	3		BIO Elective or FREE ELECTIVE	3	
	Env Humanities/Social Science	3		Env Humanities/Social Science	3	
	Env Humanities/Social Science	3		CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE (research/internship encouraged)	3		CORE / FREE ELECTIVE (research/internship encouraged)	3	
TOTAL		15 or 16	TOTAL		15 or 16	30 - 32

SENIOR YEAR						
FALL			SPRING			
Course #	Class	Credits	Course #	Class	Credits	Total Year Credits
	BIO Elective or Field Based Elective w/ Lab	3 or 4		BIO Elective or Field Based Elective w/ Lab	3 or 4	
	BIO Elective or FREE ELECTIVE	3		BIO Elective or FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3	
	CORE / FREE ELECTIVE (research/internship encouraged)	3		CORE / FREE ELECTIVE (research/internship encouraged)	3	
TOTAL		15 or 16			15 or 16	30 - 32
TOTAL PROGRAM OF STUDY CREDITS					123 - 128	