

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</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 202</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 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 (475, 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 (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 or Env Humanities/Social Science | 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 (Intensive Writing II) | 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 <i>or</i> 4 | | | BIO Elective or Field Based Elective w/ Lab | 3 <i>or</i> 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 <i>or</i> 16 | | | | 15 <i>or</i> 16 | 30 - 32 |
| TOTAL PROGRAM OF STUDY CREDITS | | | | | | | 123 - 128 |