

Providence College - 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 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 |
| MTH 109 - Calculus I | 3 |
| MTH 110 - Calculus II (or higher) | 3 |
| EPS 101 - General Physics I | 4 |
| EPS 102 - General Physics II | 4 |
| BIO Electives (5 total, 3 w/ Lab) | 18 |

Graduation Requirements / Degree Notes

- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- BIO B.S. majors fulfill the Natural Science and Quantitative Reasoning Cores, along with the Intensive Writing II Proficiency.
- 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 | |
| BIO 200 | BIO Elective w/ Lab or Free Elective | 3 | | BIO 200 | Cell Biology & Molecular Genetics (Intensive Writing II) or Elective | 3 | |
| | CORE / FREE ELECTIVE | 3 | | | CORE / FREE ELECTIVE | 3 | |
| | | | | | | | |
| | | | | | | | |
| TOTAL | | 14 | | TOTAL | | 14 | 28 |

| JUNIOR YEAR | | | | | | | |
|-------------|----------------------|---------|--------|----------|----------------------|---------|--------------------|
| FALL | | | SPRING | | | | |
| Course # | Class | Credits | | Course # | Class | Credits | Total Year Credits |
| | BIO Elective w/ Lab | 4 | | | BIO Elective w/ Lab | 4 | |
| EPS 101 | General Physics I | 4 | | EPS 102 | General Physics II | 4 | |
| | CORE / FREE ELECTIVE | 3 | | | CORE / FREE ELECTIVE | 3 | |
| | CORE / FREE ELECTIVE | 3 | | | CORE / FREE ELECTIVE | 3 | |
| | | | | | CORE / FREE ELECTIVE | 3 | |
| TOTAL | | 14 | | TOTAL | | 17 | 31 |

| SENIOR YEAR | | | | | | |
|--------------------------------|----------------------|---------|----------|----------------------|---------|--------------------|
| FALL | | | SPRING | | | |
| Course # | Class | Credits | Course # | Class | Credits | Total Year Credits |
| | BIO Elective w/ Lab | 4 | | BIO Elective | 3 | |
| | BIO Elective | 3 | | CORE / FREE ELECTIVE | 3 | |
| | CORE / FREE ELECTIVE | 3 | | CORE / FREE ELECTIVE | 3 | |
| | CORE / FREE ELECTIVE | 3 | | CORE / FREE ELECTIVE | 3 | |
| | CORE / FREE ELECTIVE | 3 | | CORE / FREE ELECTIVE | 3 | |
| TOTAL | | 16 | | | 15 | 31 |
| TOTAL PROGRAM OF STUDY CREDITS | | | | | | 120 |