

BIOLOGY MAJOR, BA

Campus: NYC, Westchester

In addition to the courses listed below, students are required to complete two courses with the Anti-Racism Education attribute attached. These courses may be taken during any semester of their education. See advisor for more information.

| Course | Title | Credits |
|--|--|--------------|
| First Year | | |
| Fall | | |
| ENG 110 | Composition | 3 |
| BIO 101 | General Biology I | 0-4 |
| CHE 111 | General Chemistry I | 0-4 |
| UNV 101 | First-Year Seminar: Introduction to University Community | 1 |
| Take any one remaining Area of Knowledge course | | 3 |
| Credits | | 7-15 |
| Spring | | |
| BIO 102 | General Biology II | 0-4 |
| CHE 112 | General Chemistry II | 0-4 |
| CIS 101 | Introduction to Computing | 0-3 |
| ENG 120 | Critical Writing | 4 |
| Credits | | 4-15 |
| Second Year | | |
| Fall | | |
| BIO 231 | Genetics | 0-4 |
| CHE 223 | Organic Chemistry I | 0-5 |
| Take any one remaining Area of Knowledge course | | 3 |
| Learning Community (LC) course | | 6 |
| Credits | | 9-18 |
| Spring | | |
| BIO 335 or BIO 335A | Molecular and Cellular Biology (Writing Enhanced (WE) course. In NYC, BIO 335 and BIO 335A are 5 credits; in PLV, BIO 335 is 4 credits) or Molecular and Cellular Biology | 4 |
| ENG 201 | Writing in the Disciplines | 3 |
| CHE 224 | Organic Chemistry II | 0-5 |
| Take any one remaining Area of Knowledge course | | 3 |
| Credits | | 10-15 |
| Third Year | | |
| Fall | | |
| BIO 327 | Cellular Biochemistry | 4 |
| BIO 210 | Ecology | 0-4 |
| Take any one remaining Area of Knowledge course | | 3 |
| First Second Language Course. See Advisor for guidelines | | 3 |
| Open Elective Course | | 3 |
| Credits | | 13-17 |
| Spring | | |
| BIO 490 | Introduction to Research in the Biological Sciences (Writing Enhanced (WE) course) | 0-3 |
| MAT 141 | Introductory Statistics for the Life Sciences | 4 |
| Take any one remaining Area of Knowledge course | | 3 |
| Open Elective Course | | 3 |
| Second Language Course, if applicable | | 3 |
| Credits | | 13-16 |

Fourth Year**Fall**

| | | |
|----------------------------|--------------------------------|-----------|
| One elective course in BIO | | 3 |
| BIO 395 | Independent Study in Biology | 3 |
| or BIO 491 | or Internship in Biology | |
| or BIO 493 | or Major Field Test in Biology | |
| COM 200 | Public Speaking | 3 |
| BIO 493 | Major Field Test in Biology | 0 |
| Open Elective Course | | 3 |
| Open Elective Course | | 3 |
| | Credits | 15 |

Spring

| | | |
|------------------------------|----------------------|---------------|
| One elective course in BIO | | 3 |
| One elective course in BIO | | 4 |
| Open Elective Course | | 3 |
| Open Elective Course | | 3 |
| Civic Engagement (CE) course | | 3 |
| | Credits | 16 |
| | Total Credits | 87-127 |