**Biology B.S. PLAN**

| **Year 1** | **Fall** | | **Spring** | |
| --- | --- | --- | --- | --- |
|  | FWS 101 First Year Writing Seminar | 3 | WRI 102 College Writing | 3 |
|  | Social Science Course | 3 | Gen Ed Course | 3 |
|  | BIO 107 Principles of Biology I w/lab | 4 | BIO 108 Principles of Biology II w/lab | 4 |
|  | BIO 190 Introduction to Scientific Literature or Fitness | 1 | MAT 130 Elementary Statistics or MAT 210 Calculus I | 3 |
|  | MAT 120 Precalculus (for Calculus) or MAT 110 College Algebra (for Statistics) | 3 | Fitness | 1 |
|  | **Total:** | **14** | **Total:** | **14** |
| **Year 2** | **Fall** | | **Spring** | |
|  | CHE 210 & 211 General Chemistry I and lab | 5 | CHE 212 & 213 General Chemistry II and lab | 5 |
|  | BIO 204 Genetics w/lab | 4 | Biology elective | 3-4 |
|  | Biology elective or Gen Ed Course | 3-4 | Gen Ed Course | 3 |
|  | Fitness | 1 | Upper Division Social Science (see list) or Gen Ed Course | 3 |
|  | BIO 190 Introduction to Scientific Literature (if not taken in the first year) or Experiential Learning | 1 | BIO 390 Communicating Science (if not taking BIO 240 Microbiology) or Experiential Learning | 1 |
|  |  |  |  |  |
|  | **Total:** | **14- 15** | **Total:** | **15-16** |
| **Year 3** | **Fall** | | **Spring** | |
|  | PHY 205 General Physics I or CHE 320 & 321 Organic Chemistry I and lab or BIO 211 Human Anatomy & Physiology I | 4-5 | PHY 101 Introductory Physics or BIO 240 Microbiology | 4 |
|  | Biology elective | 4 | Biology elective | 3-5 |
|  | Biology elective or Gen Ed Course | 3-4 | Biology elective | 3-4 |
|  | Gen Ed Course or Upper Division Social Science (see list) | 3 | Elective | 3 |
|  | Experiential Learning | 1 | BIO 390 Communicating Science (if not taken in second year) or Experiential Learning | 1 |
|  | **Total:** | **15-17** | **Total:** | **14-17** |
| **Year 4** | **Fall** | | **Spring** | |
|  | Biology elective (up to 24 credits total) | 3-4 | PHY 101 Introductory Physics or BIO 240 Microbiology or Biology elective (up to 24 credits total) | 3-4 |
|  | Electives (up to 120 credits for degree) | 6-10 | Electives (up to 120 credits for degree) | 9-14 |
|  | BIO 490 Capstone | 3 |  |  |
|  | **Total:** | **12-17** | **Total:** | **12-18** |
|  |  |  |  |  |
|  | | | Total Hours: 120 minimum | |