

# BIOLOGY: PRE-MEDICAL SCIENCES, BS

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

| Course                                 | Title  | Hours     |
|--|--|-----------|
| <b>Freshman</b>                        |  |           |
| <b>Fall</b>                            |  |           |
| A&S 1111                               | A&S First Year Seminar   | 1         |
| ENGL 1113                              | Composition I  | 3         |
| MATH 1813                              | Preparation for Calculus (A)   | 3         |
| CHEM 1314                              | Chemistry I (LN)   | 4         |
| UNIV 2511                              | Introduction to Health Careers (Suggested)                           | 1         |
| General Education course               |  | 3         |
| <b>Hours</b>                           |  | <b>15</b> |
| <b>Spring</b>                          |  |           |
| ENGL 1213                              | Composition II   | 3         |
| BIOL 1113<br>& BIOL 1111               | Introductory Biology (N)<br>and Introductory Biology Laboratory (LN) | 4         |
| CHEM 1515                              | Chemistry II (LN)  | 5         |
| STAT 2013<br>or STAT 4013              | Elementary Statistics (A)<br>or Statistical Methods I (A)            | 3         |
| <b>Hours</b>                           |  | <b>15</b> |
| <b>Sophomore</b>                       |  |           |
| <b>Fall</b>                            |  |           |
| BIOL 1604                              | Animal Biology   | 4         |
| CHEM 3053                              | Organic Chemistry I  | 3         |
| MICR 2123                              | Introduction to Microbiology   | 3         |
| General Education courses              |  | 6         |
| <b>Hours</b>                           |  | <b>16</b> |
| <b>Spring</b>                          |  |           |
| CHEM 3153                              | Organic Chemistry II   | 3         |
| CHEM 3112                              | Organic Chemistry Laboratory   | 2         |
| MICR 2132                              | Introduction to Microbiology Laboratory                              | 2         |
| General Education and Elective courses |  | 7         |
| UNIV 2611                              | Health Portfolio and Self-Development (Suggested)                    | 1         |
| <b>Hours</b>                           |  | <b>15</b> |
| <b>Junior</b>                          |  |           |
| <b>Fall</b>                            |  |           |
| BIOL 3204                              | Physiology   | 4         |
| PHYS 1114                              | College Physics I (LN)   | 4         |
| BIOC 3653                              | Survey of Biochemistry   | 3         |
| MICR 3033                              | Cell and Molecular Biology   | 3         |
| Elective courses (UNIV 3511 suggested) |  | 1         |
| <b>Hours</b>                           |  | <b>15</b> |
| <b>Spring</b>                          |  |           |
| PHYS 1214                              | College Physics II (LN)  | 4         |
| Major, College, and Elective courses   |  | 11        |
| <b>Hours</b>                           |  | <b>15</b> |
| <b>Senior</b>                          |  |           |
| <b>Fall</b>                            |  |           |
| BIOL 3023                              | General Genetics   | 3         |

|                                      |                    |            |
|--------------------------------------|--------------------|------------|
| PBIO 1404                            | Plant Biology (LN) | 4          |
| Major, College, and Elective courses |                    | 9          |
| <b>Hours</b>                         |                    | <b>16</b>  |
| <b>Spring</b>                        |                    |            |
| BIOL 3034                            | General Ecology    | 4          |
| BIOL 4133                            | Evolution          | 3          |
| Major and Elective courses           |                    | 6          |
| <b>Hours</b>                         |                    | <b>13</b>  |
| <b>Total Hours</b>                   |                    | <b>120</b> |

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Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.