

# ZOOLOGY: 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>                               |  |           |
| First Year Seminar                        |  | 1         |
| CHEM 1314                                 | Chemistry I (LN)   | 4         |
| MATH 1813                                 | Preparation for Calculus (A)   | 3         |
| UNIV 2511                                 | Introduction to Health Careers (Suggested)                               | 1         |
| General Education courses                 |  | 6         |
| <b>Hours</b>                              |  | <b>15</b> |
| <b>Spring</b>                             |  |           |
| BIOL 1113 & BIOL 1111                     | Introductory Biology (N) and Introductory Biology Laboratory (LN)        | 4         |
| CHEM 1515                                 | Chemistry II (LN)  | 5         |
| General Education courses                 |  | 6         |
| <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 & MICR 2132                     | Introduction to Microbiology and Introduction to Microbiology Laboratory | 5         |
| UNIV 2611                                 | Health Portfolio and Self-Development (Suggested)                        | 1         |
| General Education courses                 |  | 2         |
| <b>Hours</b>                              |  | <b>15</b> |
| <b>Spring</b>                             |  |           |
| BIOL 3204                                 | Physiology   | 4         |
| CHEM 3153 & CHEM 3112                     | Organic Chemistry II and Organic Chemistry Laboratory                    | 5         |
| Major or Elective courses                 |  | 6         |
| <b>Hours</b>                              |  | <b>15</b> |
| <b>Junior</b>                             |  |           |
| <b>Fall</b>                               |  |           |
| BIOC 3653                                 | Survey of Biochemistry   | 3         |
| BIOL 3114                                 | Vertebrate Zoology   | 4         |
| PHYS 1114                                 | College Physics I (LN)   | 4         |
| Major or Elective courses                 |  | 4         |
| <b>Hours</b>                              |  | <b>15</b> |
| <b>Spring</b>                             |  |           |
| BIOL 3023                                 | General Genetics   | 3         |
| BIOL 3034 or BIOL 3104                    | General Ecology or Invertebrate Zoology                                  | 4         |
| PHYS 1214                                 | College Physics II (LN)  | 4         |
| UNIV 3511                                 | Health Profession School Preparation (Suggested)                         | 1         |
| General Education or Supplemental courses |  | 3         |
| <b>Hours</b>                              |  | <b>15</b> |

### Senior

#### Fall

|   |  |           |
|---|--|-----------|
| BIOL 4104 or BIOL 3034                            | General Parasitology or General Ecology  | 4         |
| BIOL 4700 or BIOL 4710 or BIOL 4730               | Undergraduate Research Problems or Internships in Integrative Biology or Collaborative Research in Integrative Biology | 1         |
| MICR 3033   | Cell and Molecular Biology   | 3         |
| General Education, Major, or Supplemental courses |  | 7         |
| <b>Hours</b>                                      |  | <b>15</b> |

#### Spring

|   |           |            |
|---|-----------|------------|
| BIOL 4133   | Evolution | 3          |
| Choose an upper division Biology class with a lab |           | 4          |
| General Education, Major, or Supplemental courses |           | 8          |
| <b>Hours</b>                                      |           | <b>15</b>  |
| <b>Total Hours</b>                                |           | <b>120</b> |