

PHYSIOLOGY: 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 |
|---------------------------------------|---|-----------|
| Freshman | | |
| Fall | | |
| First Year Seminar | | 1 |
| CHEM 1314 | Chemistry I (LN) | 4 |
| MATH 2144 | Calculus I (Q) | 4 |
| UNIV 2511 | Introduction to Health Careers (Suggested) | 1 |
| General Education courses | | 5 |
| Hours | | 15 |
| Spring | | |
| BIOL 1113 & BIOL 1111 | Introductory Biology (N) and Introductory Biology Laboratory (LN) | 4 |
| CHEM 1515 | Chemistry II (LN) | 5 |
| General Education courses | | 6 |
| Hours | | 15 |
| Sophomore | | |
| Fall | | |
| 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 or Elective courses | | 2 |
| Hours | | 15 |
| Spring | | |
| CHEM 3153 & CHEM 3112 | Organic Chemistry II and Organic Chemistry Laboratory | 5 |
| PHYS 1114 | College Physics I (LN) | 4 |
| General Education courses | | 6 |
| Hours | | 15 |
| Junior | | |
| Fall | | |
| BIOC 3653 | Survey of Biochemistry | 3 |
| BIOL 3204 | Physiology | 4 |
| PHYS 1214 | College Physics II (LN) | 4 |
| Major or Elective courses | | 4 |
| Hours | | 15 |
| Spring | | |
| BIOL 4215 | Mammalian Physiology | 5 |
| MICR 3033 | Cell and Molecular Biology | 3 |
| UNIV 3511 | Health Profession School Preparation (Suggested) | 1 |
| Major or Elective courses | | 6 |
| Hours | | 15 |
| Senior | | |
| Fall | | |
| BIOL 3023 | General Genetics | 3 |
| BIOL 4223 | Mammalian Physiology Capstone Laboratory | 3 |

| | | |
|------------------------------------|-----------------|------------|
| Major or General Education courses | | 9 |
| Hours | | 15 |
| Spring | | |
| BIOL 3034 | General Ecology | 4 |
| BIOL 3214 | Human Anatomy | 4 |
| BIOL 4133 | Evolution | 3 |
| Major or General Education courses | | 4 |
| Hours | | 15 |
| Total Hours | | 120 |