

# PRE-HEALTH ACADEMIC REQUIREMENTS

## (NON-DEGREE PROGRAM)

| CORE Requirements              | Credits | Natural Science Requirements                   | Credits | Other Requirements           | Credits |
|--------------------------------|---------|------------------------------------------------|---------|------------------------------|---------|
| CORE 110 Effective Writing     | 3       | BIOL 113 Evolution & Diversity                 | 3       | MATH 125 Calculus            | 4       |
| CORE 160-164 Literature Course | 3       | BIOL 113L Evolution & Diversity Lab            | 1       | MATH 128 Intro to Statistics | 4       |
| CORE 154 Intro. to Psychology  | 3       | BIOL 210 Organisms & Their Ecosystems          | 3       |                              |         |
| CORE 157 Intro. to Sociology   | 3       | BIOL 210L Organisms & Their Ecosystems Lab     | 1       |                              |         |
|                                |         | BIOL 213 Cell & Molecular Biology              | 3       |                              |         |
|                                |         | BIOL 213L Cell & Molecular Biology Lab         | 1       |                              |         |
|                                |         | CHEM 113 General Chemistry I                   | 3       |                              |         |
|                                |         | CHEM 113L General Chemistry I Lab              | 1       |                              |         |
|                                |         | CHEM 114 General Chemistry II                  | 3       |                              |         |
|                                |         | CHEM 114L General Chemistry II Lab             | 1       |                              |         |
|                                |         | CHEM 241 Organic Chemistry I                   | 3       |                              |         |
|                                |         | CHEM 241L Organic Chemistry I Lab              | 1       |                              |         |
|                                |         | CHEM 242 Organic Chemistry II                  | 3       |                              |         |
|                                |         | CHEM 242L Organic Chemistry II Lab             | 1       |                              |         |
|                                |         | PHYS 111 Physics for the Life Sciences I       | 3       |                              |         |
|                                |         | PHYS 111L Physics for the Life Sciences I Lab  | 1       |                              |         |
|                                |         | PHYS 112 Physics for the Life Sciences II      | 3       |                              |         |
|                                |         | PHYS 112L Physics for the Life Sciences II Lab | 1       |                              |         |
| Total Credits for CORE         | 12      | Total Credits for CORE                         | 36      | Total Credits for Other      | 8       |

### Minimum Credits Required for Pre-Health = 56

Pre-health is not a major or minor academic program. Most professional programs do not require a specific major for admission and may have differing requirements. Listed below are the requirements for allopathic or osteopathic medical school admission. Requirements for pre-dental and pre-veterinary will differ slightly, but the following courses will provide a good foundation for most students interested in health professions.

#### Scheduling considerations:

As students will need to take CORE 154 and CORE 157 to prepare for the MCAT, they are reminded not to take CORE 150, and to fulfill the **Interdisciplinary Introduction to the Social Sciences** with CORE 180 or CORE 190.

All the courses above should be completed *by the end of the student's junior year*. Students typically take the MCAT, DAT or GRE test the summer between their junior and senior year.

Students wishing to apply to dental school may wait to take Physics in their senior year, as DAT preparation does not require Physics.

Veterinary schools all maintain their own course and test requirements, so students interested in vet school should investigate the course requirements early. The above schedule will serve as a reasonable template, however. Most veterinary schools do not require a standardized test other than the GRE.

Students are encouraged to consider preparation for the MCAT/DAT/OAT as one of their "classes" the Spring semester of their junior year. Whether a formal preparation course or self-directed study, students should avoid taking too heavy a course load this semester in order to best prepare.

Most students choose to major in Biology, Biochemistry, Chemistry or Neuroscience to prepare for health professional programs. However, any major with 30-35 hours required coursework could conceivably be a pre-health major. For example, Philosophy, Theology, Spanish, French, Psychology or Sociology have sufficient elective credits to be compatible with a pre-health program