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.

*Students typically take the MCAT test the summer between their junior and senior year. Successful preparation for the MCAT will include:*

### Biology (2 semesters)
- BIOL 113 & 113L Evolution and Diversity with Lab
- BIOL 213 & 213L Cell and Molecular Biology with Lab
- BIOL 210 & 210L Organisms and Their Ecosystems with Lab (not required, but highly recommended)

### Chemistry (4 semesters)
- CHEM 113 & 113L General Chemistry I with Lab
- CHEM 114 & 114L General Chemistry II with Lab
- CHEM 241 & 241L Organic Chemistry I with Lab
- CHEM 242 & 242L Organic Chemistry II with Lab

### Math (2 semesters – may differ by major)
- MATH 125 Calculus
- MATH 128 Introduction to Statistics and Data Analysis

### Physics (2 semesters)
- PHYS 111 & 111L General Physics I with Lab
- PHYS 112 & 112L General Physics II with Lab

### English (2 semesters)
- CORE 110 Effective Writing
- CORE 16X Literature Course

*Students taking the MCAT in 2015 or later will also be required to take:*

- BIOL 324 Biochemistry
- CORE 154 Introduction to Psychology
- CORE 157 Introduction to Sociology

**Total Credits:** 55 (59 with BIOL 210) - 18 count toward the CORE curriculum
**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 if they wish to apply to medical school.*

Students wishing to apply to dental school may wait to take Physics until 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 either Biology, 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.