

REQUIRED PRE-MED COURSES

All students, regardless of major, must complete the following courses for medical school admissions. Students with AP credit in science subjects should speak with the Pre-Health Advisor as soon as they arrive on campus. All coursework, except for Calculus, should be completed BEFORE taking the MCAT exam. Calculus is not on the exam but a strong working knowledge of statistical analysis will be needed. Students in non-science majors should especially consider taking PSY. STAT 1021 before they sit for the MCAT.

BIOLOGY

Principles of Biology I and II—Lectures
Principles of Biology I and II—Laboratory
Genetics OR
Microbiology OR
Cell Biology OR
Cell Structure and Function (includes lab)

GENERAL CHEMISTRY

General Chemistry I
General Chemistry II (lecture and lab)

ORGANIC CHEMISTRY

Organic Chemistry I (Lecture and Lab)
NOTE: Organic Chemistry II is recommended before the exam and is required for Osteopathic programs.

BIOCHEMISTRY

Biochemistry (Lecture and Lab)

PHYSICS

Introductory Physics I (lecture and lab)
Introductory Physics II (lecture and lab)

MATHEMATICS

Fundamentals of Calculus AND
Statistics OR
Stats for Psych OR
Stats for Business

ENGLISH: Students will need two semesters of English before entering medical school. First Year Writing and one additional English class is needed.

SOCIAL SCIENCE: Students will need to have knowledge of concepts in psychology and sociology for the MCAT. Intro to Psy, Intro to Sociology, Social Inequality, Health Economics, and many courses in the Public Health Minor will be useful for this section of the exam.