

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

BIO 1011R, 1012R Principles of Biology—Lectures (3 credits)

BIO 1011L, 1012L Principles of Biology—Laboratory (2 credits)

AND: Genetics or Microbiology or Cell Biology or Cell Structure and Function (includes lab)

GENERAL CHEMISTRY

CHE 1045R (no corresponding lab required), 1046R General Chemistry Lectures (3 credits) CHE 1047L General Chemistry Lab (2 credits)

ORGANIC CHEMISTRY

CHE 1213R, Organic Chemistry I (Lecture) (3 credits)

CHE 1213L, Organic Chemistry I (Lab) (2 credits)

NOTE: Organic Chemistry II is recommended before the exam and is required for Osteopathic programs.

BIOCHEMISTRY

Bio 1376R Biochemistry Lecture (3 credits) BIO 1376 L Biochemistry Lab (2 credits) OR

CHE 1376 L Biochemistry Lecture (3 credits)

CHE 1376 L Biochemistry Lab (2 credits)

PHYSICS

PHY 1031R, 1032R Introductory Physics Lectures (4 credits)

PHY 1031L, 1032L Introductory Physics—Laboratory (1 credit) OR

1051H, 1052H (Honors) (CALCULUS BASED)

MATHEMATICS

Psy. 1021 Intro to Psy. Stats (3 credits) or Stats 1021 or IDS 2030 Stats for Business (Syms students only)

MAT 1410 Fundamentals of Calculus (4 credits)

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.