

PRE-HEALTH PROFESSIONS
Suggested SMU Pre-Med Plan

This plan could vary depending on the major you choose. Consult your advisor and check the individual degree plans for suggested sequencing of courses.

Subjects in *italics* will appear as content on the MCAT.

1st Year Fall

CHEM 1303 (General Chem)
CHEM 1113 (Chem Lab)
BIOL 1401 (Intro Biology)
DISC 1312 (Discernment)
MATH 1304/1337^A

1st Year Spring

CHEM 1304 (General Chem)
CHEM 1114 (Chem Lab)
BIOL 1402 (Intro Biol)
DISC 1313 (Discernment)
MATH 1337^A

2nd Year Fall

BIOL 3304 (Genetics)
CHEM 3371 (Organic Chem)
CHEM 3117 (Organic Lab)
PYSC 1300 (Psychology)^B

2nd Year Spring

BIOL 3350 (Cell Biology)^C
CHEM 3372 (Organic Chem)
CHEM 3118 (Organic Lab)
STAT 2331

3rd Year Fall

PHYS 1307 (Lecture)^D
PHYS 1105 (Lab)
BIOL 5310 (Biochem I)^E
ANTH 3306 (Anthropology)^B -OR-

3rd Year Spring

PHYS 1308 (Lecture)^D
PHYS 1106 (Lab)
BIOL 5311 (Biochem II)^E
SOCI 1300 (Sociology)^B

Notes:

- A. While Calculus I (Math 1337) is required for many schools, Calculus II (Math 1338) is not generally required for admission to most medical schools.
- B. Starting in 2015 the MCAT will include content from the social sciences. While these aren't prerequisites for admission, we suggest you take these courses in preparation for the MCAT.
- C. After taking genetics there are a number of upper level Biology courses you can take to meet this requirement. Consult your advisor and your Undergraduate Catalog for details.
- D. Students may complete Phys 1303/1105 & Phys 1304/1106 instead of Phys 1307/1105 & Phys 1308/1106. Note: Math 1338 is a prerequisite (or concurrent enrollment) for Phys 1304. Students majoring in Physics or Biochemistry should plan to take Organic Chemistry, Genetics and Physics in the sophomore year.
- E. Although three hours of Biochemistry are recommended (and by some schools, required) it is strongly recommended you also enroll in BIOL 5311 for additional MCAT preparation.

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- I. Pre-medical students should plan to take the MCAT no later than June of the year they intend to submit their application (usually April/May of the junior year). The MCAT is offered multiple times during the year. See the Pre-Med/Pre-Health advisor for more information and visit the AAMC web site <http://www.aamc.org>
 - II. Pre-meds may incorporate study abroad in their college plan, usually before the spring of junior year or during the summer. Talk with your advisor and plan ahead!