

## 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. See additional notes below.

#### 1<sup>st</sup> Year Fall

*CHEM 1303 (General Chem)*  
*CHEM 1113 (Chem Lab)*  
*BIOL 1301 (Intro Biology)*  
*BIOL 1101 (Biology Lab)*  
DISC 1312 (Discernment)  
MATH 1304/1337

#### 1<sup>st</sup> Year Spring

*CHEM 1304 (General Chem)*  
*CHEM 1114 (Chem Lab)*  
*BIOL 1302 (Intro Biology)*  
*BIOL 1102 (Biology Lab)*  
DISC 1313 (Discernment)  
MATH 1337 (Calculus)

#### 2<sup>nd</sup> Year Fall

*BIOL 3304 (Genetics)*  
*CHEM 3371 (Organic Chem)*  
*CHEM 3117 (Organic Lab)*  
*PSYC 1300 (Psychology)*

#### 2<sup>nd</sup> Year Spring

BIOL 3350 (Cell Biology)  
*CHEM 3372 (Organic Chem)*  
*CHEM 3118 (Organic Lab)*  
STAT 2331 (Statistics)

#### 3<sup>rd</sup> Year Fall

*PHYS 1307 (Lecture)*  
*PHYS 1105 (Lab)*  
*BIOL 5310 (Biochem I)*  
*SOCI 1300 (Sociology)*

#### 3<sup>rd</sup> Year Spring

*PHYS 1308 (Lecture)*  
*PHYS 1106 (Lab)*  
BIOL 5311 (Biochem II)

#### Notes:

Medical schools vary in the requirements for admission, therefore, this suggested plan is only a guide to prepare students to meet the requirements of most medical schools. It is the responsibility of the student for reviewing the MSAR (Medical School Admissions Requirement) and medical school websites for course recommendations before applying to individual medical schools.

While Calculus I (Math 1337) is required for many schools, Calculus II (Math 1338) is not generally required for admission to most medical schools. Proficiency in an introductory Statistics course is highly recommended for many medical schools. Consult with your advisor.

After taking Genetics, there are a number of upper level Biology courses you can take to satisfy advanced hours in Biological Sciences. Cell Biology provides additional review and preparation for the MCAT. Consult your advisor and your Undergraduate Catalog for details.

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 Chemistry, Biochemistry, or Physics should plan to take Organic Chemistry, Genetics and Physics in the sophomore year.

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.

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-Health Director for more information and visit the AAMC web site <http://www.aamc.org>

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!