

**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.**

1<sup>st</sup> Year Fall

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

1<sup>st</sup> Year Spring

*CHEM 1304 (General Chem)*  
*CHEM 1114 (Chem Lab)*  
*BIOL 1402 (Intro Biol)*  
DISC 1313 (Discernment)  
MATH 1337<sup>A</sup>

2<sup>nd</sup> Year Fall

*BIOL 3304 (Genetics)*  
*CHEM 3371 (Organic Chem)*  
*CHEM 3117 (Organic Lab)*  
*PYSC 1300 (Psychology)*<sup>B</sup>

2<sup>nd</sup> Year Spring

*BIOL 3350 (Cell Biology)*<sup>C</sup>  
*CHEM 3372 (Organic Chem)*  
*CHEM 3118 (Organic Lab)*  
STAT 2331

3<sup>rd</sup> Year Fall

*PHYS 1307 (Lecture)*<sup>D</sup>  
*PHYS 1105 (Lab)*  
*BIOL 5310 (Biochemistry)*<sup>E</sup>

3<sup>rd</sup> Year Spring

*PHYS 1308 (Lecture)*<sup>D</sup>  
*PHYS 1106 (Lab)*  
*SOCI 1300 (Sociology)*<sup>B</sup>

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 PSYC 1300 and SOCI 1300. 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) you can also enroll in BIOL 5311 & 5110 (Biochemistry II & lab) for additional 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 for the junior year or for summer. In order to study abroad for a semester, students may complete either chemistry or physics during the summer and then move Physics to the sophomore year. Plan ahead! Talk with your advisor.