

This guide offers a recommended course sequence for students preparing for medical school. The courses listed indicate only the **MINIMUM requirements** for most medical schools in the U.S. and is **not designed for any specific major**. Students who plan to apply for medical school bear the ultimate responsibility of determining specific coursework required for their application and must fulfill the requirements for their degree and major in order to graduate.

Each medical school determines its own course requirements for admission. While there is significant similarity among the medical schools, differences do occur. Students should refer to the respective medical school's website for the official and most current requirements.

FRESHMAN	
FALL	SPRING
BIO 1305 & 1105-Modern Concepts of Bioscience & Lab or BIO 1405	BIO 1306 & 1106-Modern Concepts of Bioscience & Lab or BIO 1406
CHE 1301 & 1101-Basic Principles of Modern Chem I & Lab	CHE 1302 & 1102-Basic Principles of Modern Chem II & Lab
MTH 1321-Calculus I	Statistics: 3 semester hours ²
PHP 1105-Foundations of Medicine (any semester) ¹	ENG: 6 semester hours (Two 3-hour ENG courses) (any semesters) ³

¹ Students must receive credit for **PHP 1105** (Foundations of Medicine) to participate in the Prehealth Committee process. *Pre-Med students are strongly encouraged to take PHP 1105 during their Freshman year.*

² **STA 1380, 2381, 3381, 4372, 4382, 4385, 4386, PSY 2402, 4400** are accepted by Texas Medical Schools. Students should confirm the appropriate Statistics course with their academic advisor, as some majors require a specific course.

³ Most medical schools require 6 semester hours of English. GTX 2301 & 2302, and PWR 3300 will count toward this requirement.

SOPHOMORE	
FALL	SPRING
BIO 2306-Genetics or other advanced BIO ⁴	BIO-Advanced-level BIO ⁴
CHE 3331-Organic Chemistry I	CHE 3332 & 3238-Organic Chemistry II & Lab
PSY 1305 (any semester) ⁵	SOC 1305 (any semester) ⁵

⁴ Suggested Advanced Level BIO courses include, but are not limited to: **BIO 3322** (Human Physiology), **BIO 3122** (Human Physiology Lab), **BIO 3330** (Medical Genetics), **BIO 3342** (Molecular Cell Biology), **BIO 4302** (General Microbiology), **BIO 4102** (General Microbiology Lab), **BIO 4306** (Molecular Genetics & Genomics), **BIO 4106** (Molecular Genetics & Genomics Lab), **BIO 4320** (Pathophysiology), **BIO 4354** (Neglected Tropical Diseases), **BIO 4426** (Vertebrate Histology), **BIO 4432** (General Human Anatomy)

⁵ **PSY 1305** (Psychological Science) and **SOC 1305** (Intro to Sociology) are recommended as preparation for the MCAT.

JUNIOR	
FALL	SPRING
CHE 4341-General Biochemistry	BIO-Additional Advanced-Level BIO recommended ⁴
PHY 1408-General Physics for Natural & Behavioral Physics I -or- 1420 General Physics I	PHY 1409-General Physics for Natural & Behavioral Physics II -or- 1430 General Physics II

SENIOR	
FALL	SPRING
Complete Degree Requirements	Complete Degree Requirements & Graduate

Note: Adjustments can be made to the Premedical course sequence, but students are encouraged to discuss such adjustments with the appropriate advisor ahead of time

Important Websites: www.aamc.org aacomas.liaisoncas.com www.tmdsas.com