



This 4-Year Planner offers a recommended course sequence for Honors Program students preparing for Medical School. As you pursue your Baylor education, keep in mind the requirements for your Degree and Major, the prerequisites for Medical School, and the Honors Program.

Prerequisite coursework found on this planner indicates only the *recommended minimum requirements* for most medical schools in the U.S.

HONORS PROGRAM REQUIREMENTS	
Lower-level Honors Units⁺⁺ <ul style="list-style-type: none"> FYS strongly recommended during first semester Honors Biology, Chemistry, Physics, Psychology, and/or Calculus recommended for students with sufficient background or ability 	5 Units (usually during the first 4 semesters)
Great Texts, GTX 2301 & 2302, UNSC 3301	3 semesters
Honors Colloquium, HON 3200	1 semester
Upper-level Honors Units⁺⁺ <ul style="list-style-type: none"> 3000- and 4000-level classes for Honors credit Research Design, HON 3455, or a second Honors Colloquium, HON 3201, can count towards these units 	3 Units (usually during the last 4 semesters)
Advanced Reading and Research, HON 3100 (Optional) & 3101	1-2 semesters
Thesis Hours, HON 4V87 <ul style="list-style-type: none"> Usually taken for 2 credit hours each semester of senior year. 	2 semesters

⁺⁺These may overlap with recommended Premedical courses

¹ WHICH BIOLOGY CLASS SHOULD YOU TAKE? (Guidance from the Biology Dept.)

- Students who score a 5 on the AP Biology exam AND feel prepared for upper-level Biology courses
 - progress immediately to **BIO 2306** (override from Biology Dept. if score not yet available)

If no seats are open in BIO 2306, students should begin their Physics sequence
- Students who completed a rigorous BIO course during one of the last 2 years of high school (whether AP or not)
 - Enroll in **BIO 1305 Honors**.
- Students who have *not* completed high school BIO coursework in the last 2 years of high school or feel ill-prepared to join BIO 1305 Honors
 - Enroll in **BIO 1305** regular sections.

² If students have AP credit for **CHE 1301/1101** and **CHE 1302/1102**, the Chemistry Department recommends that they take **CHE 1302** at Baylor, with or without lab, in order to cover foundation material for other courses and familiarize themselves with the teaching methods and expectations at Baylor.

³ While some medical schools will accept either Calculus (**MTH 1321**), or Statistics (**STA 1380** or **2381**), both **Physics (1408/1409** or **1420/1430)** sequences have prerequisite requirements of Precalculus (**MTH 1320**) or **MTH 1321** respectively. Students who do not have credit for **MTH 1320/1321** prior to enrolling at Baylor will need to utilize the ALEKS system through the Department of Mathematics to determine placement in the proper course.

⁴ **PHP 1105 (Foundations of Medicine)** is required for students who wish to participate in the Prehealth Committee Interview process.

⁵ Although **BIO 2306** (Genetics) is not an upper level Biology course for Baylor University curriculum, professional schools accept it as such in the application prerequisites requirements. **BIO 2306 is a prerequisite for BIO 4307.**

⁶ The **BIO 2106** lab may not be required for all majors. Students should confirm their degree requirements.

⁷ **Suggested Advanced Level BIO courses include, but are not limited to:** **BIO 3330** (Medical Genetics), **BIO 3422** (Human Physiology), **BIO 3425** (Human Anatomy), **BIO 4301**(Immunology), **BIO 4306** (Molecular Genetics), **BIO 4106** (Molecular Genetics Lab), **BIO 4307**(Biochemistry& Physiology of the Cell), **BIO 4107** (Lab), **BIO 4401** (General Microbiology), **BIO 4426** (Vertebrate Histology), etc.

⁸ Students choosing **BIO 4307** for the Biochemistry requirement may take it following **CHE 3331 and BIO 2306**. However, **CHE 4341** requires **CHE 3331 and 3332**, and is required for certain majors/minors.

Application Websites: www.aamc.org www.amcas.org www.tmdsas.com



Standard Honors Thesis Track

Students who follow this track will complete their thesis during their senior year, possibly after submitting Medical School applications.

FRESHMAN			
FALL		SPRING	
<i>Pre-Medical</i>	<i>Honors</i>	<i>Pre-Medical</i>	<i>Honors</i>
BIO 1305-Modern Concepts of Bioscience ¹	First Year Seminar	BIO 1306-Modern Concepts of Bioscience	GTX 2302-UNSC
BIO 1105-Modern Concepts of Bioscience Lab	GTX 2301-UNSC	BIO 1106-Modern Concepts of Bioscience Lab	Lower-Level Unit**
CHE 1301-Basic Principles of Modern Chem I ²		CHE 1302-Basic Principles of Modern Chem II ²	
CHE 1101-General Chemistry Lab I		CHE 1102-General Chemistry Lab II	
MTH 1321-Calculus I ³		STA 2381-Intro Statistical Methods (preferred) ³	
PHP 1105-Foundations of Medicine ⁴			

SOPHOMORE			
FALL		SPRING	
<i>Pre-Medical</i>	<i>Honors</i>	<i>Pre-Medical</i>	<i>Honors</i>
BIO 2306-Genetics or other advanced BIO ⁵	UNSC 3301 (fall/spring)	BIO-Advanced-level BIO ⁷	HON 3200 (fall/spring)
BIO 2106-Genetics Lab ⁶	Lower-Level Unit**	CHE 3332-Organic Chemistry II	Lower-Level Unit**
CHE 3331-Organic Chemistry I		CHE 3238-Organic Chemistry Lab	
PSY 1305		SOC 1305	
		Begin MCAT Preparation *	

JUNIOR			
FALL		SPRING	
<i>Pre-Medical</i>	<i>Honors</i>	<i>Pre-Medical</i>	<i>Honors</i>
BIO 4307-Biochemistry & Phys. Of the Cell ^{5,8} -or- CHE 4341-General Biochemistry ⁸	HON 3100	BIO-Additional Advanced-Level BIO recommended ⁷	HON 3101
PHY 1408-General Physics for Natural & Behavioral Physics I -or- 1420 General Physics I	UNSC 3001 Exit Interview (2 Upper-Level Honors Units)	PHY 1409-General Physics for Natural & Behavioral Physics II -or- 1430 General Physics II	
Continue MCAT Preparation *		Take MCAT Exam	
Begin Prehealth Committee Process ³		Begin Medical School Applications	

SENIOR			
FALL		SPRING	
<i>Pre-Medical</i>	<i>Honors</i>	<i>Pre-Medical</i>	<i>Honors</i>
Complete Degree Requirements	HON 4V87 (2 hours)	Complete Degree Requirements	HON 4V87 (2 hours)
		Graduate	Defend Thesis

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

***MCAT Sections**

- Biological & Biochemical Foundations of Living Systems
- Chemical & Physical Foundations of Biological Systems
- Psychological, Social, & Biological Foundations of Behavior
- Critical Analysis & Reasoning Skills

In order to prepare for the MCAT, students should consider the content in each section and plan coursework accordingly. Recommended courses include: **PSY 1305** (Introductory Psychology), **SOC 1305** (Introduction to Sociology), **SOC 4353** (Sociology of Medicine), **ANT 1305** (Introduction to Anthropology), and **PHI/MH 1307** (Critical Thinking).