

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. Students who plan to apply to medical school bear the ultimate responsibility of determining specific coursework required for their applications.

HONORS PROGRAM REQUIREMENTS	
<b>Lower-level Honors Units<sup>++</sup></b> <ul style="list-style-type: none"> <li>FYS strongly recommended during first semester</li> <li><b>Honors Biology, Chemistry, Physics, and/or Calculus recommended for students with sufficient background or ability</b></li> </ul>	7 Units (usually during the first 4 semesters)
<b>Honors Colloquium, HON 3200</b>	1 semester
<b>Upper-level Honors Units<sup>++</sup></b> <ul style="list-style-type: none"> <li>3000- and 4000-level classes for Honors credit</li> <li>BIO 4307 is offered as an Honors section, and is recommended for Pre-Med students</li> </ul>	3 Units (usually during the last 4 semesters)
<b>Advanced Reading and Research, HON 3100 &amp; 3101</b>	2 semesters
<b>Thesis Hours, HON 4V87</b> <ul style="list-style-type: none"> <li>Usually taken for 2 credit hours each semester of senior year.</li> </ul>	2 semesters

<sup>++</sup>These may overlap with recommended Premedical courses

<sup>1</sup> Students who earned a 5 on AP Biology (credit for **BIO 1305/1105 & BIO 1306/1106**) and/or a 5 on AP Chemistry (credit for **CHE 1301/1101 & CHE 1302/1102**) should take at least one semester of Biology and Chemistry, with or without lab, at Baylor. The Chemistry Department recommends taking **CHE 1302** in order to cover foundation material for other courses and familiarize themselves with the teaching methods and expectations at Baylor. Students are also encouraged to take the Honors section of Biology or Chemistry when available.

<sup>2</sup> **PHP 1105 (Foundations of Medicine)** is required for students who wish to participate in the Prehealth Committee Interview process.

<sup>3</sup> Students who do not have credit for **MTH 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.

<sup>4</sup> Some majors require specific Statistics courses, many of which will be accepted by medical schools. Verify Statistics requirements with individual schools or application services.

<sup>5</sup> Texas medical schools accept **BIC 1413 & 1323** toward the required 6 hours of English courses

<sup>6</sup> 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 4401** (General Microbiology), **BIO 4426** (Vertebrate Histology), etc.

<sup>7</sup> **BIO 4307** (Biochemistry and Physiology of the Cell) is only offered as an Honors section, and may not be taken if student has previously received credit for **CHE 4341** (General Biochemistry). **BIO 2306** (Genetics) is a prerequisite for **BIO 4307**.

**\*\*\*This planner is not a substitute for an advising appointment. Students should communicate with their advisor(s) on a regular basis and discuss any major schedule changes\*\*\***

**Application Websites:**      [www.aamc.org](http://www.aamc.org)      [aacomas.liaisoncas.com](http://aacomas.liaisoncas.com)      [www.tmdsas.com](http://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		
Pre-Medical	BIC	Honors	Pre-Medical	BIC	Honors
BIO 1305-Modern Concepts of Bioscience <sup>1</sup>	BIC 1212	Lower-Level Unit** (BIC 1314)	BIO 1306-Modern Concepts of Bioscience <sup>1</sup>	BIC 1323	Lower-level Unit**
BIO 1105-Modern Concepts of Bio Lab	BIC 1314		BIO 1106-Modern Concepts of Bio Lab	BIC 1324 <sup>5</sup>	Lower-level Unit** (BIC 1324)
CHE 1301-Basic Principles of Modern Chem I <sup>1</sup>	BIC 1413 <sup>5</sup>		CHE 1302-Basic Principles of Modern Chem II <sup>1</sup>		
CHE 1101-General Chemistry Lab I			CHE 1102-General Chemistry Lab II		
PHP 1105-Foundations of Medicine <sup>2</sup>			MTH 1321-Calculus I <sup>3</sup>		

SOPHOMORE					
FALL			SPRING		
Pre-Medical	BIC	Honors	Pre-Medical	BIC	Honors
BIO 2306-Genetics or other advanced BIO <sup>6,7</sup>	BIC 2330	Lower-Level Unit** (BIC 2330)	BIO-Advanced-level BIO <sup>6</sup>	BIC 2344	HON 3200 (Colloquium)
BIO 2106-Genetics Lab (if required)	BIC 2334	Lower-Level Unit** (BIC 2334)	CHE 3332-Organic Chemistry II	BIC 2340	Lower-Level Unit** (BIC 2340)
CHE 3331-Organic Chemistry I			CHE 3238-Organic Chemistry Lab		Lower-Level Unit** (BIC 2344)
STA 2381-Intro Statistical Methods (preferred) <sup>4</sup>			Begin MCAT Preparation *		

JUNIOR						
FALL			SPRING			
Pre-Medical	BIC	Honors	Pre-Medical	BIC	Honors	
BIO 4307-Biochemistry & Phys. of the Cell <sup>7</sup> -or- CHE 4341-General Biochemistry <sup>7</sup>	BIC 3358 (any semester)	Upper-Level Unit**	BIO-Additional Advanced-Level BIO recommended <sup>6</sup>		HON 3101	
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			Upper-Level Unit**
PSY 1305			Take MCAT Exam			
Continue MCAT Preparation *			Begin Medical School Applications			
Begin Prehealth Committee Process <sup>3</sup>						

SENIOR					
FALL			SPRING		
Pre-Medical	BIC	Honors	Pre-Medical	BIC	Honors
Complete Degree Requirements	BIC 4374 (BA Only)	HON 4V87 (2 hours)	Complete Degree Requirements	BIC 4389 (BA Only)	HON 4V87 (2 hours)
		Upper-Level Unit**	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 4353** (Sociology of Medicine), and **ANT 1305** (Introduction to Anthropology).