

This 4-Year Planner offers a recommended course sequence for Honors Program students preparing for Medical School. As you pursue your Baylor education, please keep in mind the broader requirements for your Degree and Major (i.e. BBA, BSEd, BS, BA, etc.), the Premedicine sequence, and the Honors Program.

HONORS PROGRAM REQUIREMENTS	
Lower-level Honors Units* - FYS strongly recommended during first semester - Honors Physics, Biology, Chemistry, 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	2 semesters
Honors Colloquium, HON 3200	1 semester
Upper-level Honors Units* 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 & 3101	2 semesters
Thesis Hours, HON 4V87 Usually taken for 2 credit hours each semester of senior yr.	2 semesters

*These may overlap with recommended Premedicine courses

A note from Prehealth Programs (Linda B. Haynes, May 2013)

Students who plan to apply to medical schools bear the ultimate responsibility of determining specific coursework required for each school where application is to be made.

Prerequisite coursework found on the 4 Year Planner indicates only the recommended minimum requirements for most medical schools in the U.S. Students who perform well in additional science courses are more likely to be viewed as outstanding professional school applicants. Some prerequisites may be in progress or planned for the following semester when application is made. However, this policy varies by school.

Applicants should be familiar with the intricacies of the medical profession in order to have the best chance for admission. Selection criteria include Academic Performance (such as the overall GPA, the science GPA, the MCAT score, etc.), Professional Preparation (experiential background, community service, and volunteer work), and Other Factors (including research, internships, personal maturity, professional preparation, the personal statement essay, etc.)

Medical schools selection committees will assess all characteristics of each applicant, cognitive as well as non-cognitive. Factors such as high intellectual ability, evidence of a strong interest in medicine, a high level of personal integrity, varied and relevant experiences, and demonstrated leadership and service to others indicate a student's preparedness for both medical school admission and navigation of the medical school curriculum once accepted.

*While some medical schools will accept either Calculus (MTH 1321), or Statistics [STA 1380 (Elementary Statistics) or 2381(Introductory Statistical Methods)], both Physics (1408/1409 or 1420/1430) sequences have prerequisite requirements of MTH 1304 (Precalculus) or 1321 respectively.

It is recommended that students include social science classes (Psychology, Sociology, and/or Anthropology) into their undergraduate curriculum as well as additional sciences beyond the required minimum.

Prehealth Professions (PHP) classes are highly recommended electives for professional school preparation. PHP/MH 1106 & PHP 2105 are offered in both fall and spring; PHP 1105 is offered in spring only; PHP/MH 1106 or 1105 are prerequisites for PHP 2105.

** Although BIO 2306 (Genetics) is not an advanced BIO for Baylor University curriculum, professional schools accept it as such in the application prerequisites requirements. It is highly recommended by most medical schools in the U.S. The 2 semesters of advanced BIO and 2 semesters of PHY can be switched to accommodate students' majors and/or special programs.

***The BIO 2106 lab may not be required for all majors. It is the student's choice whether or not to include it in their curriculum.

****Suggested advanced BIO courses include, but are not limited to:

3330 (Medical Genetics), 3422 (Human Physiology), 3429 (Comparative Chordate Anatomy), 4301 (Immunology), 4306 (Molecular Genetics), 4106 (Mol Gen Lab), 4307 (Biochemistry & Physiology of the Cell), 4107, 4401 (General Microbiology), 4426 (Vertebrate Histology), etc.

Standard Honors Thesis Track

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

Freshman Year- Fall: Premed	Honors	Spring: Premed	Honors
BIO 1305-Modern Concepts of Bioscience	First Year Seminar	BIO 1306-Modern Concepts of Bioscience (continued)	GTX 2301.H
BIO 1105-Modern Concepts of Bioscience Laboratory	Lower-level Honors unit	BIO 1106-Modern Concepts of Bioscience Laboratory	Lower-level Honors unit
CHE 1301-Basic Principles of Modern Chemistry I		CHE 1302-Basic Principles of Modern Chemistry II	
CHE 1101-General Chemistry Laboratory I		CHE 1102-General Chemistry Laboratory II	
MTH 1321-Calculus I*		STA 2381- Introductory Statistical Methods (preferred)*	

Sophomore Year- Fall: Premed	Honors	Spring: Premed	Honors
CHE 3331-Organic Chemistry I	GTX 2302.H	CHE 3332-Organic Chemistry II	HON 3200 (Colloquium)
BIO 2306 – Genetics or other advanced level BIO**	Lower-level Honors unit	CHE 3238-Organic Chemistry Laboratory	Lower-level Honors unit
BIO 2106-Genetics Lab***		Advanced level BIO***	

Junior Year- Fall: Premed	Honors	Spring: Premed	Honors
PHY 1408- General Physics for Natural & Behavioral Physics I -or- 1420-General Physics I	HON 3100	PHY 1409- General Physics for Natural & Behavioral Physics II -or- PHY 1430-General Physics II	HON 3101 (and 3100 if not yet taken)
CHE 4341-General Biochemistry -or- BIO 4307-Biochemistry & Phys. of the Cell	Upper-level Honors unit	Additional advanced level BIO recommended ***	Upper-level Honors unit
Begin MCAT Preparation		NOTE: Students choosing BIO 4307 for the Biochemistry requirement may take it with or following CHE 333. However, CHE 4341 is required for certain majors/minors.	
Begin Committee Process		Complete MCAT Preparation and Take MCAT Exam	
		Begin Applications	

Senior Year- Fall: Premed	Honors	Spring: Premed	Honors
Complete Degree Requirements	HON 4V87 (2 hours)	Complete Degree Requirements	HON 4V87 (2 hours)
	Upper-level Honors unit	Graduate	Complete and defend thesis

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