This 4-Year Planner offers a recommended course sequence for GTX students who are 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.) and the Premedicine sequence.

Why study Great Texts?

Because technical information is continually becoming outdated, a physician's most urgent need is often practical wisdom. Discerning how to connect specific people and situations to general principles (practical wisdom), is one primary skill developed by the study of Great Texts. By reading texts from the intellectual tradition that gave rise to modern science and medicine, you can become a scientist, rather than a mere technician. Discover the Great Conversation that unites the discernment of truth with growth in moral imagination.

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.
### Freshman Year - Fall:
**Premed**
- BIO 1305 - Modern Concepts of Bioscience
- BIO 1105 - Modern Concepts of Bioscience (Laboratory)
- CHE 1301 - Basic Principles of Modern Chemistry I
- CHE 1101 - General Chemistry Laboratory I
- MTH 1321 - Calculus I*  

### Sophomore Year - Fall:
**Premed**
- CHE 3331 - Organic Chemistry I  
  GTX 2302.H
- BIO 2306 – Genetics or other advanced level BIO**

### Junior Year - Fall:
**Premed**
- PHY 1408 - General Physics for Natural & Behavioral Physics I  
  -or- 1420 - General Physics I
- CHE 4341 - General Biochemistry -or- BIO 4307 - Biochemistry & Phys. of the Cell  
  Begin MCAT Preparation

### Spring:
**Premed**
- CHE 3332 - Organic Chemistry II  
  GTX 3000-4000 Level Elective
- BIO 2306 – Genetics or other advanced level BIO**
- CHE 3238 - Organic Chemistry Laboratory  
  Advanced level BIO***

### Senior Year - Fall:
**Premed**
- Complete Degree Requirements  
  GTX 4320
- GTX 3000-4000 Level Elective (Unless GTX1301 is taken)

### Spring:
**Premed**
- Complete Degree Requirements  
  GTX 4321
- Graduate  
  GTX 4343

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