General Prerequisite Coursework for Texas Medical Schools

**BIOL 1710 (3hrs) General Biology I**
**BIOL 1720 (3hrs) General Biology II**
**BIOL 1760 (2hrs) General Biology Lab**
**BIOL Electives (6hrs)**
- Recommended: BIOL 2041/2042, BIOL 3800, BIOL 3510, or BIOL 3451
**CHEM 1410/1430 (4hrs) General Chemistry I**
**CHEM 1420/1440 (4hrs) General Chemistry II**
**CHEM 2370/3210 (4hrs) Organic Chemistry I**
**CHEM 2380/3220 (4hrs) Organic Chemistry II**

*Biochemistry is not required for all schools. See below for more information*

**Medical Schools require Physics courses for science majors; PHYS 1410/1430 & PHYS 1420/1440 or PHYS 1510/1530 & PHYS 1520/1540 will satisfy these requirements.***

+ TCU has different requirements, please see below

**Math or Statistics is recommended**
Statistics is not required, but 6 hours of coursework in Math or Statistics is recommended; advanced behavioral science also preferred

**University of Houston College of Medicine**
**Requirements include:**
- 3 hours advanced Biology
- Recommended science: BIOL 2301, BIOL 4201
- Recommended: foreign language

**UTHSC-Houston (McGovern)**
Biochemistry is not required but will count towards the 14hrs of required BIOL
Only one year of Biology can be completed by AP credit
No Math course is required; familiarity with statistics and psychology preferred

**University of Texas Rio Grande Valley**
Biochemistry course may be used towards the Biology or Chemistry requirements
Calculus does not meet Math Requirement

**UT Southwestern**
1 semester of Biochemistry is accepted (see general gray box)
Math: 1 semester of Calculus OR Statistics

**University of Texas San Antonio (Long School of Medicine)**
Biochemistry course may be used towards the Biology or Chemistry requirements

**Additional Information by School**

*Program requirements may change without notice and vary with each school; you are still responsible for checking schools’ websites for admissions information. Please see your academic advisor to further explore the requirements of the school in which you are interested.*

**Baylor College of Medicine**
**Requirements include:**
- 3-4 hours of Math (Calculus, Stats, or Physics)
- 3-4 hours of Writing (See website for approved courses)
- 12 hours of Humanities/Social Sciences
- 6-8 hours of Organic Chemistry (lab is not required)
- 3-4 hours of Biochemistry (lab is not required)
- 3-4 hours of Advanced Biology (lab is not required)
- Highly recommended: BIOL 3510 and BIOL 3451
- Recommended: Spanish

**Dell Medical School**
**Requirements include:**
- 11 hours of Biology (2 hours must be from labs)
- Recommended: BIOL 3451
- 8 hours of Physics
- 12 hours of Chemistry (See website for options)
- 3 hours of Biochemistry
- 3 hours of English Composition
- 3 hours of Statistics

**Paul L. Foster**
Biochemistry is required, and can help satisfy either the Biology or Chemistry requirements
Recommended: 12 hours of Humanities, Social Sciences, or Behavioral Sciences
Recommended advanced sciences:
- BIOL 4201, BIOL 4351, and BIOL 3510

**Sam Houston State University College of Osteopathic Medicine**
Biochemistry can be substituted for Organic Chemistry II
6 hours of mathematics (3 hours must be Statistics)

**TAMU Health Science Center**
- 8 of the 14 hours of Biology must be General Biology
- 6 of the 14 hours of Biological sciences must be at the advanced level
- Biochemistry is required, but 3 of the advanced Biology hours must be from Biochemistry

**Texas College of Osteopathic Medicine (UTHSC)**
- 1 semester of Biochemistry is NOT required
- Recommended for BIOL elective:
  - BIOL 3510, BIOL 2301/2311, BIOL 2302/2312, BIOL 2304
- Texas Tech HSC
  - Of the 14 hours of biology, 6 must be at the advanced level
  - Biochemistry is required and can be used toward the Biology or Chemistry requirement

**Texas Christian University School of Medicine**
**Requirements include:**
- 1 semester of Biochemistry (BIOC 3621 or 4540)
- 1 semester of Genetics (BIOL 4351)
- 1 semester of Physiology (BIOL 2301/2311 OR 2302/2312)
- 1 semester of Statistics (MATH 1680)
- 1 semester of English Composition (ENGL 1310)
- 2 semesters of Social and Behavioral Sciences
  - (See website for options)
- 2 semesters of Humanities
  - (See website for options)
  - *Please see advisor for specific coursework

**UT Southwestern**
- 1 semester of Biochemistry is accepted
- 1 semester of Philosophy or related Humanities coursework is recommended;
  advanced behavioral science also preferred

**UT Medical Branch**
- Statistics or Calculus is accepted
- Biochemistry is not required (but recommended)
- Recommended: BIOL 2301/2311, BIOL 2302/2312, BIOL 2304/2302, BIOL 4201, BIOL 4351, BIOL 3510, BIOC 3621 or BIOC 4540 or 4550, BIOL 4330

**UTHSC San Antonio (Long School of Medicine)**
- Only one year of Biology can be completed by AP credit
- Math: 1 semester of Calculus OR Statistics
- Only requires 4 hrs of General Chemistry

Scan the QR code for more information on the Pre-Med Pathway and how to be a competitive applicant for admission.
Mapping the Pre-Medical Journey

With the help of your pre-health advisor, use the prerequisite courses listed on the previous page to create an individual plan for your pre-medical ambitions. NOTE: This is not an official plan, advising record, or degree audit. Please review the proposed course timeline with your degree plan advisor to ensure you have the correct courses to graduate.

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**Fall Timeline**
- Attend “What Should I Be Doing Now?” Seminar
- Attend personal essay workshops
- MCAT Preparation

**Spring Timeline**
- Attend HPAC Seminar
- HPAC Application due in March
- MCAT Prep/Take Exam (June or July)

**Summer:** Apply to medical schools through TMDSAS, AMCAS, and/or AACOMAS. Interviews with medical schools are typically July-December.

**Fall Timeline**
- Medical School Interviews

**Spring Timeline**
- January—Deadline for Submitting Match List to TMDSAS
- February—Match Date (Informed by TMDSAS)

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**Need Advising?**

To contact your pre-health advisor, please visit: [https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors](https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors)

General Email: Healthcareers@unt.edu

To schedule an appointment, please visit: [https://unt.navigate.eab.com/](https://unt.navigate.eab.com/)

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