

# PRE-MEDICAL

Office of Health Professions, University of North Texas

2018-19

## Texas Medical Schools

University of Texas Southwestern Medical Center  
University of Texas Health Science Center—Houston Medical School  
University of Texas Health Science Center—San Antonio Medical School  
Texas A&M University Health Science Center  
University of North Texas Health Science Center  
Paul L. Foster School of Medicine  
University of Texas Medical Branch —Galveston  
Texas Tech University Health Sciences Center  
Baylor College of Medicine  
Dell Medical School  
University of Texas Rio Grande Valley  
UIW School of Osteopathic Medicine

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Denton, TX 76203

Phone: 940-369-8606  
Website: [healthcareers.unt.edu](http://healthcareers.unt.edu)

## Applying to Medical School

Application services include:

- *Texas Medical and Dental Schools Application Service*, [www.tmdsas.com](http://www.tmdsas.com)
- *American Medical College Application Service*, [www.aamc.org](http://www.aamc.org) (Baylor College of Medicine and allopathic schools outside of Texas)
- *American Association of Colleges of Osteopathic Medicine Application Service*, [www.aacom.org](http://www.aacom.org) (used for osteopathic schools outside of Texas)
- UNT's Pre-Professional Advisory Committee (PPAC)

## Preparing for the MCAT?

Visit [www.aamc.org/mcat](http://www.aamc.org/mcat) for information about the test

### Exam Preparation Materials:

*ExamCrackers*

*Kaplan*

*Princeton Review*

*The MCAT will also cover Introduction to Sociology (SOCI 1510)  
and General Psychology (PSYC 1630 & 1650)*

## Get Involved!

Alpha Epsilon Delta

Pre-Health Minority Club  
(Alpha Delta)

Medically Dedicated Students

Minority Association of Pre-Medical  
Students (MAPS)

UNT's Volunteer Organizations

American Medical Association

Texas Medical Association

American Association of  
Medical Colleges

Global Medical Brigades

Hearts for the Homeless

# Mapping the Pre-Medical Journey

With the help of your advisor, use the prerequisite courses listed on the following page to create an individual plan for your pre-medical ambitions. Because circumstances can change and differ over time, this is an **unofficial** timeline and should be re-evaluated each semester.

FALL _____	Hrs.

SPRING _____	Hrs.

SUMMER I	Hrs.

SUMMER II	Hrs.

FALL _____	Hrs.

SPRING _____	Hrs.

SUMMER I	Hrs.

SUMMER II	Hrs.

FALL _____	Hrs.

SPRING _____	Hrs.

### 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 TMDAS, AMCAS, and/or AACOMAS. Interviews with medical schools are typically July through December.

FALL _____	Hrs.

SPRING _____	Hrs.

### Fall Timeline

- Medical School Interviews

### Spring Timeline

- January—Deadline for Submitting Match List to TMDAS
- February—Match Date (Informed by TMDAS)

# PRE-REQUISITES

## General Prerequisite Coursework for Texas Medical Schools

A 'C' or better is required in all coursework  
Completion of a degree is **STRONGLY** recommended

**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 3451/3452

**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**

Alternatives: **BIOC 4540 and BIOC 4550**  
**Physics I for Science Majors (4 hrs)\*\***  
**Physics II for Science Majors (4 hrs)\*\***  
**ENGL 1310 (3hrs) College Writing I or 1700**  
**(3hrs) Intro to Technical Writing**  
**ENGL 1320 (3hrs) College Writing II or 2700**  
**(3hrs) Technical Writing**  
**MATH 1680 (3hrs) Elementary Probability and Statistics**

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

\*\*Medical Schools require Physics Courses for science majors. Please see your major advisor for information on which physics are required for your degree.  
**BIOC 3621 (3hrs) Principles of Biochemistry**

## Additional Information by School

### UT Southwestern

1 semester of Biochemistry is accepted towards the Biology requirement (if two semesters completed)

Recommended for BIOL elective:  
BIOL 3451/3452, BIOL 4201/4202,  
BIOL 4055/4056, BIOL 2301/2311,  
BIOL 2302/2312, BIOL 4290

1 semester of biochemistry is required (see general gray box)

Math: 1 semester of Calculus OR Statistics

Only requires 4 hrs of General Chemistry

### UTHSC-Houston (McGovern)

Biochemistry accepted towards 14hrs of BIOL (not required)

Only one year of Biology can be completed by AP credit

No Math course is required

### UTHSC-San Antonio

Biochemistry course may be used towards the Biology or Chemistry requirements

### 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 can be from Biochemistry

### Texas College of Osteopathic Medicine (UNTHSC)

1 semester of Biochemistry is NOT required

Recommended for BIOL elective:  
BIOL 3510/3520, BIOL 2301/2311, BIOL 2302/2312

### 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

### UT Medical Branch

Statistics or Calculus is accepted

Biochemistry is not required (but recommended)

Recommended: BIOL 2301/2311, BIOL 2302/2312,  
BIOL 2041/2042, BIOL 4201/4202, BIOL 3451/3452  
BIOL 3510, BIOC 3621, or BIOC 4540 or 4550

### UIW School of Osteopathic Medicine

Biochemistry is not required, but recommended

Only requires 8 hours of Biology (more is encouraged)

6 hours of Philosophy or related Humanities coursework is recommended

Statistics is not required, but 6 hours of coursework in Math or Statistics is recommended

Recommended sciences (advanced):  
BIOL 3451/3452, BIOL 4201/4202,  
BIOL 2301/2311, BIOL 2302/2312,  
BIOL 4751 or 4752, BIOL 3510/3520, BIOL 2041/2042

### 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 3451, and BIOL 3510

### 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

### University of Texas Rio Grande Valley

Biochemistry course may be used towards the Biology or Chemistry requirements

Calculus does not meet Math Requirement

### 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  
(See website for options)

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

# Webpages and Resources

## Texas Medical Schools

- University of Texas Southwestern Medical Center  
<http://www.utsouthwestern.edu/>
- University of Texas Health Science Center—Houston Medical School  
<https://www.uth.edu/>
- University of Texas Health Science Center—San Antonio Medical School  
<http://www.uthscsa.edu/>
- Texas A&M University Health Science Center  
<http://tamhsc.edu/>
- University of North Texas Health Science Center  
<http://web.unthsc.edu/>
- Paul L. Foster School of Medicine  
<http://el Paso.ttuhs.c.edu/fostersom/>
- University of Texas Medical Branch —Galveston  
<http://www.utmb.edu/>
- Texas Tech University Health Sciences Center  
<http://www.ttuhs.c.edu/>
- Baylor College of Medicine  
<https://www.bcm.edu/>
- Dell Medical School (admitting 2016)  
<http://www.utexas.edu/dell-medical-school>
- UT Rio Grande Valley (admitting 2016)  
<http://www.utrgv.edu/en-us/utrgv-medical-school/>
- UIW School of Osteopathic Medicine  
<http://www.uiw.edu/som/index.html>

## Student and Professional Associations

- Alpha Epsilon Delta  
<https://unt.campuslabs.com/engage/organization/AlphaEpsilonDelta>
- Alpha Delta: Pre-Health Minority Club  
<https://unt.campuslabs.com/engage/organization/alpha-delta-the-minority-pre-health-organization>
- Medically Dedicated Students  
<https://unt.campuslabs.com/engage/organization/medically-dedicated-students-organization>
- Minority Association for Pre-Medical Students  
<https://unt.campuslabs.com/engage/organization/minority-association-of-pre-medical-students>
- Association of American Medical Colleges  
<https://www.aamc.org/>
- American Medical Association  
<http://www.ama-assn.org/ama>
- Texas Medical Association  
<http://www.texmed.org/>
- American Association of Medical Colleges  
<https://www.aamc.org/>
- Global Medical Brigades  
<https://unt.campuslabs.com/engage/organization/global-medical-brigades>
- Hearts for the Homeless  
<https://unt.campuslabs.com/engage/organization/hearts-for-the-homeless-dallas>

## Contact Us

To schedule an advising appointment, please contact our front desk at 940-369-8606. Have a quick question? Feel free to send us an e-mail using the addresses listed on the front page.

The best way to achieve your academic and career goals is to ask for help! We are committed to providing you the best service possible, so we look forward to seeing you in the near future!

## MCAT Information and Preparation

- About the MCAT  
<https://www.aamc.org/students/applying/mcat/>
- MCAT Prep Materials  
<http://www.examcrackers.com/>  
<http://www.kaptest.com/>  
<http://www.princetonreview.com/>

## Experience and Additional Resources

- Physician Scribing  
<http://www.scribeology.com/>  
<http://scribeinnovations.com/>  
<http://www.docassistscribe.com/>
- Career Exploration  
<https://www.aamc.org/students/aspiring/>  
<http://texashotjobs.mobi/>  
<http://explorehealthcareers.org/en/home>