

# Medical School

Texas A&M Professional School Advising can advise you realistically on whether you are (or will be) a competitive applicant for medical school admissions, however only you can decide if medical school is truly for you.

## What should I major in?

Medical schools have no preference regarding which major you choose if you do well and complete the prerequisite course requirements.

If your chosen major does not include the pre-med prerequisite courses, you must work with your academic advisor to work them into your degree plan. It's very important to register for CHEM 119 your first semester and take a CHEM every semester after that.

## What prerequisite courses are required for medical school?

The minimum prerequisite requirements for medical school are below and **require a grade of "C"\* or higher**. Admission to medical school is extremely competitive. Schools will examine your grade point average for your overall science (Biology, Chemistry, Physics and Math BCPM), and overall course work.

\*TCU requires at least a B in pre-requisite course work.

## Prerequisites for Texas Medical Schools-All pre-requisites & information are subject to change at any time.

It is the responsibility of the applicant to stay updated on all requirements. Some out of state institutions and Baylor College of Medicine require additional courses. Refer to their specific website for detailed information and contact them by email with any questions specific to their course requirements.

### English (6 hours)

### Statistics (3 hours) (choose one)

- BMEN 250, 350
- BUSN 203
- INFO/SCMT 303
- PHLT 315 \*Must also take PHLT 314
- PSYC 203, 301
- STAT 201; 211; 301; 302; 303; 312

### Introductory Biology with lab (8 hours)

- BIOL 111
- BIOL 112

### Upper-level Biology (6 hours)

- Refer to Degree Plan
- Research TMSAS for [Approved Courses](#)

### Inorganic Chemistry with lab (8 hours)

- CHEM 119
- CHEM 120
- CHEM 101/111 OR CHEM 107/117
- CHEM 102/112

### Organic Chemistry with lab (8 hours)

- CHEM 227/237
- CHEM 228/238

### Physics with lab (8 hours)

- PHYS 201 & 202
- Majors previously requiring PHYS 208 & 218
  - Engineering: PHYS/ENGR 206/216 & 207/217
  - Non-engineering: PHYS 206/226 & 207/227

### Biochemistry (3 hours)

- BICH 409\*\*
- BICH 410 \*\*
- BICH 440\*\*
- BICH 489: SPTD Principles of Biochemistry

\*\* For schools that Biochemistry is not a prerequisite, Biochemistry 409, 410, 440 will fulfill one of the Upper-Level Biology requirements with the exception of UT-Southwestern & UTMB-JSSOM.

## Medical school application timeline (generally, starting the fall of junior year)

Sept-Dec	Jan-Mar	April-May	June -July	Aug-Dec	Jan-Apr	July-Aug
Register & attend the mandatory OPSPA Portal Workshop	Work on and complete OPSPA portal file!	Complete OPSPA portal file by deadline.	Submit TMDAS application by <b>June 1</b>	Medical school Interviews	Preference ranking on TMDAS website	Begin medical school!
Start OPSPA file	Follow up on evaluations by logging into the <a href="#">OPSPA Portal</a>	Refer to each application service for application openings and directions	Request OPSPA to send evaluations through <a href="#">OPSPA Portal</a>	Rolling Admissions begin for TMDAS medical schools Oct 15.	(mid-January) TMDAS Medical school Match Submission Deadline	
Study and prepare for MCAT	Study and prepare for MCAT	Study and prepare for MCAT	Medical school interviews begin in mid-July	MCAT dates available in Aug. and Sept.	TMDAS Match Results Announced (early Feb)	
Register for MCAT in October	Complete OPSPA portal file by deadline.	Continue to monitor available MCAT test dates	Study and prepare for MCAT			
		Register & Attend OPSPA Application Workshop	MCAT dates available in mid-June and July.			
			Register & attend OPSPA Interview Workshop			

### What is the MCAT and what content is covered?

The MCAT is a computerized 7.5 hour exam and there are 30 examinations throughout the year. Register online to take the exam at [www.aamc.org/MCAT](http://www.aamc.org/MCAT). Medical schools consider each score, so prepare early and thoroughly the first time. We recommend you take a practice MCAT before taking the actual MCAT, and **NEVER** take the actual MCAT for practice.

Knowledge and skills tested on the exam are found in prerequisite courses. The total score ranges from 472-528, and scores are reported within 30-35 days after your exam. If you need to re-take the MCAT; you must wait 48 hours before you can register for another exam date.

- Biological and Biochemical Foundations of Living Systems
- Chemical and Physical Foundations of Biological Systems
- Psychological, Social, and Biological Foundations of Behavior
- Critical Analysis and Reasoning Skills

### What else is required besides good grades and the MCAT? <https://tx.ag/WDINTBWO>

- Three letters of recommendation
  - 1 from science professor
  - 1 from non-science professor (can be another science if you like)
  - 1 can be from anyone that can speak to your abilities, character, work ethic, etc.
- Well-rounded interests and participation outside of the classroom (volunteer service)
- Exposure to medical environment as well as research experience (shadowing – very important)
- Solid interviewing and communication skills (utilize the Career Center)
- Leadership

# Texas Medical Schools

<b>Allopathic Medical Schools (MD degree)</b>	<b>Application</b>
<a href="#"><u>Baylor College of Medicine</u></a> – Houston, Temple	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>Dell Medical School (University of Texas at Austin)</u></a>	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>Long School of Medicine (UTHealth San Antonio)</u></a>	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>McGovern Medical School (UT)</u></a> - Houston	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>Paul Foster School of Medicine (TTUHSC)</u></a> – El Paso	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>Texas A&amp;M School of Medicine</u></a> - Bryan/College Station, Dallas, Houston, and Round Rock	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>Texas Christian University School of Medicine (TCU)</u></a> – Fort Worth	<a href="#"><u>AMCAS</u></a>
<a href="#"><u>Texas Tech University Health Sciences Center School of Medicine (TTUHSC)</u></a> - Lubbock	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of Houston Medical School</u></a>	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of Texas Medical Branch (UTMB)</u></a> - Galveston	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of Texas</u></a> - Tyler	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of Texas Rio Grande Valley (UTRGV)</u></a> - Edinburg	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of Texas Southwestern Medical Center (UTSW)</u></a> - Dallas	<a href="#"><u>TMDSAS</u></a>

## **Osteopathic Medical Schools (DO degree)**

<a href="#"><u>Sam Houston State School of Osteopathic Medicine</u></a> - Conroe	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of North Texas HSC (TCOM)</u></a> – Fort Worth	<a href="#"><u>TMDSAS</u></a>
<a href="#"><u>University of the Incarnate Word School of Osteopathic Medicine (UIW)</u></a> – San Antonio	<a href="#"><u>AACOMAS</u></a>

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