



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. Gain exposure by volunteering and shadowing in the different healthcare professions. Observe and/or shadow physicians and visit with professionals in the different fields of healthcare. Keep up with the current trends and information about professional schools and medicine as a career.

What should I major in?

Medical schools have no preference regarding which major you choose as long as you do well and complete the prerequisite course requirements. Texas A&M does not have a pre-medical academic track, so choose a major that interests you and allows you to be successful while in school.

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.

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 up-to-date on all requirements.

English (6 hours)

Statistics (3 hours) (choose one)

- BMEN 350
- 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 TMDAS for Approved Courses
tx.ag/tmdsascourses

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 206/216 & 207/217
 - Non-engineering: PHYS 206/226 & 207/227

Biochemistry (3 hours)

- BICH 410 **
- BICH 489: SPTD Principles of Biochemistry

** For schools that Biochemistry is not a prerequisite, Biochemistry 410 will fulfill one of the Upper Level Biology requirements with the exception of UT-Southwestern. TCU requires genetics and anatomy and physiology.

Some out of state institutions and private Texas medical schools require additional courses. Please refer to their specific website for detailed information and contact them by email with any questions specific to their course requirements.

Medical school application timeline (starting the fall of your 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 OPSPA portal file!	Complete OPSPA portal file by April deadline.	(Application workshop) Submit TMDSAS application by June 1	Medical school Interviews	(mid January) TMDSAS Medical school Match Submission Deadline	Receive notification from medical schools
Start OPSPA file; you will be given portal access in about 2 weeks	Follow up on evaluations by logging into the OPSPA Portal	Refer to each application service for application openings and directions	Request OPSPA to send evaluations through OPSPA Portal	Rolling Admissions begin for TMDSAS medical schools Oct 15 to Dec 31 st .	Preference ranking on TMDSAS website	
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.	TMDSAS Match Results Announced (early February)	
Register for MCAT in October		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. You can register online to take the exam at 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?

- 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		
Name	Location	Application
<u>Baylor College of Medicine</u>	Houston	<u>AMCAS</u>
<u>Dell Medical School</u>	Austin	<u>TMDSAS</u>
<u>Texas A&M HSC</u>	Multiple*	<u>TMDSAS</u>
<u>TTUHSC-School of Medicine</u>	Lubbock	<u>TMDSAS</u>
<u>Paul Foster School of Medicine (TTUHSC)</u>	El Paso	<u>TMDSAS</u>
<u>University of the Incarnate Word School of Osteopathic Medicine</u>	San Antonio	<u>AACOMAS</u>
<u>Long School of Medicine (UTHealth San Antonio)</u>	San Antonio	<u>TMDSAS</u>
<u>McGovern Medical School (UT)</u>	Houston	<u>TMDSAS</u>
<u>Sam Houston State School of Osteopathic Medicine</u>	Conroe	<u>TMDSAS</u>
<u>Texas Christian University School of Medicine</u>	Ft. Worth	<u>AMCAS</u>
<u>UT-Medical Branch</u>	Galveston	<u>TMDSAS</u>
<u>University of North Texas HSC-TCOM</u>	Ft. Worth	<u>TMDSAS</u>
<u>UT-Rio Grande Valley</u>	Edinburg	<u>TMDSAS</u>
<u>UT-Southwestern Medical Center</u>	Dallas	<u>TMDSAS</u>
Coming Soon		
Name	Location	Projected Opening
<u>University of Houston Medical School</u>	Houston	2020

*Texas A&M HSC locations include: Bryan/College Station, Dallas, Houston, Round Rock, and Temple

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