



**PRE-MEDICAL INFORMATION**  
**UNIVERSITY OF NORTH TEXAS**  
**COLLEGE OF ARTS & SCIENCES**  
**GENERAL ACADEMIC BUILDING 220**

**Students may prepare for application to the medical schools by taking courses at the University of North Texas and applying through the Pre-Medical Program. Since the medical school curriculum is rigorous, it is necessary to prove to the medical schools' admission boards that you are capable of success in their programs. You may choose any major at UNT, as long as you complete the pre-med prerequisite courses required by each medical school. Below are admission requirements and advice that may lead to your successful enrollment in the medical school of your choice.**

**Admission requirements to medical school:**

1. **Bachelor's degree** (there are rare exceptions when an applicant shows exceptional scholastic achievement and performs well on the Medical College Admission Test (MCAT) and may be admitted a year early to some schools)
2. **GPA:** Maintain a 3.5 or higher GPA (GPA of those admitted in 2009 was 3.72)
3. **MCAT scores:** make the average score for applicants for the year you are applying (for entering year 2009, the average MCAT was 30.7); no scores older than 5 years are accepted.
4. **Get involved!** Participate in a variety of extracurricular and volunteer activities at UNT and in the community. Do research with one of your professors.
5. **Complete prerequisite courses.**  
**Non-science majors are strongly recommended to take at least 6 hours of upper level biology credits: BIOL 3381/3382, BIOL 4201/4202, BIOL 4110, BIOL 4091/4092, BIOL 3800/3810, BIOL 3510/3520, BIOL 3451/3452, BIOL 4300, BIOL 4505/4506, BIOL 4530/4540, BIOL 4570/4580 or BIOL 4750/4760**
6. Apply to the Texas medical schools through the **Texas Medical and Dental Schools Application Service (TMDSAS)** at [www.utsystem.edu/tmdsas](http://www.utsystem.edu/tmdsas). Applications become available May 1 of each year.
7. **Composite letter of evaluation** from the UNT Pre-Professional Advisory Committee (PPAC) (preferred by medical schools):
  - a. Complete PPAC file the semester you are applying. It will contain:
    - i. letters of recommendation from professors (at least 1 Chemistry and 1 Biology)
    - ii. Complete the "Applicant Data Sheet" provided by Dr. Beck
    - iii. Transcripts from all schools attended
    - iv. Copy of MCAT scores
8. **Interview with PPAC**

**UNT Workshops & Seminars:**

*Personal Statement Workshop provided by PPAC*

*Application Seminars by the PPAC*

*Interview Workshop by the PPAC*

**MCAT information:** It is now computerized. Go to the web site at [www.aamc.org/mcat](http://www.aamc.org/mcat) for more info.

1. Composed of 4 sections:
  - a. Physical Sciences (General Chemistry and Physics)
  - b. Verbal Reasoning
  - c. Writing sample (2 essays)
  - d. Biological Sciences (Biology & Organic Chemistry)

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**The course requirements for the Texas Medical Schools are:**

*Biology - a minimum of 14-16 semester hours; Baylor requires only 8 hours of Biology; Texas Tech requires 6 hours of upper level biology courses+ 8 hours of general biology*

*Chemistry: 8 hours General Chemistry and 8 hours Organic Chemistry*

*Physics - 8 hours General Physics*

*Mathematics – MATH 1710 (calculus) or MATH 1680 (statistics)*

*English composition (6 hours)*

**SUGGESTED TIMELINE FOR COMPLETION OF PRE-MEDICAL PREREQUISITE COURSES**

**Freshman Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
BIOL 1710, Principles of Biology I or BIOL 1711, Honors Principles of Biology I	3	BIOL 1720, Principles of Biology II or BIOL 1722, Honors Principles of Biology II	3
BIOL 1730, Principles of Biology Lab	1	BIOL 1740, Principles of Biology II Lab	1
CHEM 1410, General Chemistry I or CHEM 1413, Honors General Chemistry I	3	CHEM 1420, General Chemistry II or CHEM 1413, Honors General Chemistry II	3
CHEM 1430, General Chemistry I Lab	1	CHEM 1440, General Chemistry II Lab	1
ENGL 1310, College Writing or ENGL 1313, Computer Assisted College Writing	3	ENGL 1320, College Writing II or ENGL 1323, Computer Assisted College Writing II or ENGL 2700, Technical Writing	3

**Sophomore Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
*BIOL 2041/2042, Biology of Microorganisms	4	*BIOL 3800, Animal Physiology	3
CHEM 2370, Organic Chemistry I	3	CHEM 2380, Organic Chemistry II	3
CHEM 3210, Organic Chemistry I lab	1	CHEM 3220, Organic Chemistry II lab	1
PHYS 1410, General Physics I or PHYS 1510	3	PHYS 1420, General Physics II or PHYS 1520	3
PHYS 1430, General Physics I lab or PHYS 1530	1	PHYS 1440, General Physics II lab or PHYS 1540	1
MATH 1710, Calculus (see prerequisites) or Math 1680 Statistics	4 3		

**Junior Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring (MCAT semester)</b>	<b>Hours</b>
*BIOL 3510, Cell Biology	3	*BIOL 3451, Genetics	3
<b>Complete course requirements for your major</b>		<b>Complete course requirements for your major</b>	
<i>Application Seminar and Personal Statement Workshop</i>		<i>Interview Workshop PPAC Interviews in February &amp; March</i>	
<b>MCAT PREP</b>		<b>MCAT PREP &amp; TAKE THE EXAM</b>	

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

**Senior Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	
BIOC 3621/3622 Elementary Biochemistry or BIOC 4540, Biochemistry I (and BIOC 4550 Biochemistry II – taught in Spring)	4 3	Graduate with a Bachelor’s Degree BIOC 4550, Biochemistry II (if BIOC 4540 is complete)	3
<b>Complete course requirements for your major</b>		<b>Complete course requirements for your major</b>	
<i>Medical School interviews – ongoing through December</i>		<i>January 15: Match date February 1: Informed by medical schools if accepted</i>	

**Baylor College of Medicine requires 1 year of General Chemistry (with labs), 1 year of Organic chemistry (with labs), 1 year of General Biology and 1 year of English courses.**

**Courses listed above do not meet requirements for any degree at the University of North Texas. A major must be chosen and courses must be completed that fulfill requirements for a Bachelor’s Degree.**

*Students should schedule math course(s) in accordance with their placement and after consultation with an advisor.*

\*These courses are not required by the medical schools, but are STRONGLY RECOMMENDED before taking the MCAT

# Medical Schools in Texas:

## UT Southwestern Medical Center

Phone: 214/648-5617

[www.utsouthwestern.edu](http://www.utsouthwestern.edu)

Average GPA/MCAT for 2009 applicants: 3.83/34.3

## UT Medical Branch – Galveston

Phone: 409/772-6958

[www.som.utmb.edu](http://www.som.utmb.edu)

Average GPA/MCAT for 2009 applicants: 3.81/31.0

## UTHSC - Houston Medical School

Phone: 713/500-5116

[www.med.uth.tmc.edu](http://www.med.uth.tmc.edu)

Average GPA/MCAT for 2009 applicants: 3.78/32.7

## UTHSC – San Antonio Medical School

Phone: 210/567-6080

[www.uthscsa.edu](http://www.uthscsa.edu)

Average GPA/MCAT for 2009 applicants: 3.69/31.6

## Texas A&M University Health Science - College of Medicine

Phone: 979/845-7743

<http://medicine.tamhsc.edu>

Average GPA/MCAT for 2009 applicants: 3.75/31.1

## Texas Tech University Health Sciences Center – School of Medicine

Phone: 806/743-2297

[www.ttuhsc.edu/som](http://www.ttuhsc.edu/som)

Average GPA/MCAT for 2009 applicants: 3.73/30.6

## UNTHSC-Texas College of Osteopathic Medicine

Phone: 800/535-8266

[www.hsc.unt.edu](http://www.hsc.unt.edu)

Average GPA/MCAT for 2009 applicants: 3.67/29.2

## Baylor College of Medicine

Phone: 713/798-4842

[www.bcm.edu](http://www.bcm.edu)

Average GPA/MCAT for 2009 applicants: 3.85/33.5

## Paul L. Foster School of Medicine

Phone: 915/545/6500

<http://www.ttuhsc.edu/elpaso/>

Average GPA/MCAT for 2009 applicants: 3.75/30.4

**In the Texas public medical schools, 90% of the entering class is reserved for Texas residents.**

### APPLICATION SERVICES

The Texas Medical and Dental Schools Application Service (TMDSAS): [www.utsystem.edu/tmdsas](http://www.utsystem.edu/tmdsas)

\*American Medical College Application Service (AMCAS): [www.aamc.org](http://www.aamc.org)

\*\*American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS): [www.aacom.org](http://www.aacom.org)

### PREP MATERIALS:

American Association of Medical Colleges: [www.aamc.org](http://www.aamc.org)

Examcrackers: [www.examcrackers.com](http://www.examcrackers.com)

Kaplan: [www.kaptest.com](http://www.kaptest.com)

Princeton: [www.PrincetonReview.com](http://www.PrincetonReview.com)

### HELPFUL WEBSITES:

Physician Scribes: medically-related employment in Denton/Dallas/Fort Worth area: [www.physicianscribes.com](http://www.physicianscribes.com)

Student Doctor: [www.studentdoctor.net](http://www.studentdoctor.net) : helpful input on the interview process

Next Generation M.D.: [www.NextGenMD.org](http://www.NextGenMD.org)

Dr. Mike McGee writes about current topics in medicine/healthcare: [www.healthpolitics.org](http://www.healthpolitics.org)

Aspiring Docs: [www.aspiringdocs.org](http://www.aspiringdocs.org) : discussion of the medical school interview, the application

Texas Osteopathic Medical Association: <http://www.txosteo.org/>

American Medical Association: <http://www.ama-assn.org/>

Volunteer Information: [www.unt.edu/volunteer](http://www.unt.edu/volunteer)

MCAT INFORMATION: [www.aamc.org/mcat](http://www.aamc.org/mcat)

\*Apply through AMCAS only if applying to Baylor College of Medicine and/or any other allopathic (M.D.) schools outside the state of Texas

\*\*Apply through AACOMAS only if you are applying to osteopathic (D.O.) schools outside of Texas. 6/09