

TEXAS TECH UNIVERSITY



HEALTH SCIENCES CENTER

SCHOOL OF MEDICINE

GUIDEBOOK



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1. PATHWAY TO MEDICAL SCHOOL

There are many paths to medical school. Some students begin planning from an early age, while others will decide on medicine later in life.

The most important thing to consider: is medicine the right choice for you? Are you willing to work to make it happen?

Typical pathway

- + 4 years of High School
- + 4 years of College
- + 4 years of Medical School
- + 3 – 5 years of Residency
- + Potential Fellowship (Specialize)

A GOOD RULE OF THUMB TO REMEMBER IS:

1 year of high school = 1 semester in college

1 semester of college = 2 – 4 weeks of medical school

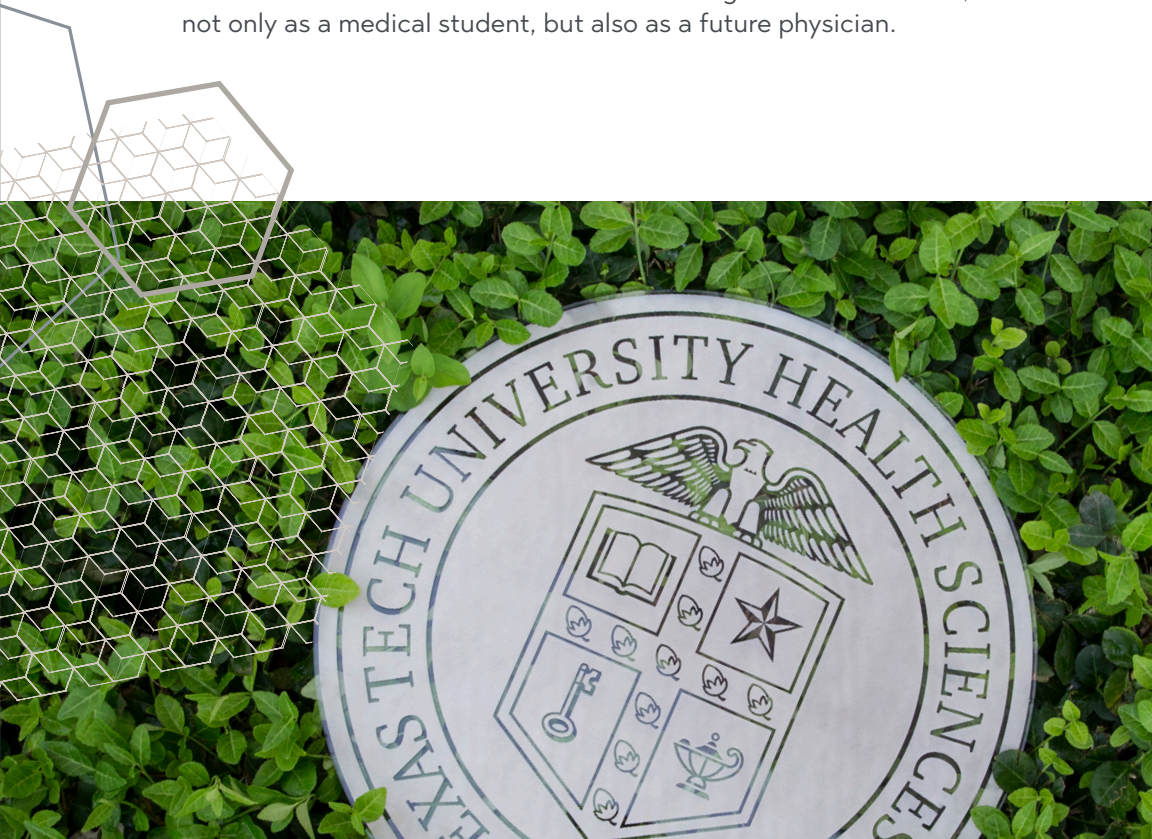
2. GENERAL INFORMATION

No specific major is required to apply to medical school, provided the 47 prerequisite hours are met.

However, upper division science courses will help prepare you for medical school. Some examples include: genetics, cell biology, molecular biology, etc.

AT TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER (TTUHSC), WE REVIEW STUDENTS HOLISTICALLY.

Holistic review is an admissions process that considers each applicant individually by balancing his or her academic metrics with experiences and attributes. These factors are viewed in combination to consider how an individual might contribute value, not only as a medical student, but also as a future physician.



3. TIPS, TRICKS & HELPFUL HINTS

Activities & advice to consider:

- + Community engagement opportunities
- + Healthcare activities (shadowing, scribing, etc.)
- + Research
- + GPA around a 3.7 overall & a 3.7 in the sciences
- + Pre-health organizations
- + Leadership roles in clubs, organizations, sports, etc.
- + Employment
- + Effective letters of recommendation
- + Around 300 hours of study for the MCAT
- + Take multiple practice exams
- + A score of 508 or higher on the MCAT
- + A detailed log of experiences
- + Mock interview practice

Each college campus has multiple resources available to students.

Take advantage of these! Examples include:

- + Pre-professional health careers offices at your campus
- + Your major advisor
- + Volunteering and shadowing services at your local hospitals or health sciences centers

Knowing the timeline for applications along with the process and deadlines is crucial. A general timeline is:

- + **January – April of junior year** – study and take the MCAT
- + **May/June – right after junior year** – apply to medical schools via the TMDSAS application
- + **July – January** – Texas medical school interviews



4. MIDDLE SCHOOL & HIGH SCHOOL ROAD MAP

EIGHTH GRADE

- + Choose the right high school for you.
 - *Challenge yourself with courses that have an emphasis on Science, Technology, Engineering, and Mathematics (STEM) which will help you prepare for a future career in healthcare.*
- + Recognize that most college entrance requirements include rigorous advanced courses.

FRESHMAN/SOPHOMORE YEARS

- + Take dual enrollment or AP courses if possible - earn college credit while still in high school.
- + Keep a list of awards, honors and extracurricular activities for scholarship and college applications.
- + Explore your interests and take advantage of career day opportunities.
- + Attend local college nights and talk with school representatives about financial aid available.
- + Take the PSAT / National Merit Scholarship Qualifying Test in your sophomore year for practice.

JUNIOR YEAR

- + Make a list of colleges that interest you.
 - *Request admissions and financial aid information.*
- + Take the PSAT to prepare for college admissions tests and to establish eligibility for the National Merit Scholarship.
- + Sign up and take the SAT or ACT test.
- + Narrow your list of college choices and visit the campuses.
- + Participate in job shadowing to follow a professional in your selected career field.



SENIOR YEAR - FALL SEMESTER

- + Check with your counselor's office to learn about available scholarships. Apply early and for as many scholarships as possible. Don't limit yourself to local scholarships.
- + Take the SAT or ACT again, if you want to try to improve your score. Most colleges only consider your highest score.
- + Request letters of recommendation from teachers, coaches and other adults who are familiar with your accomplishments – someone who can write a genuine letter on your behalf.
- + Begin writing and editing application essays.
- + Be aware of application deadlines.
 - *Early fall is the time for early decision applications if you have made a decision for college.*
 - *Late fall is when you should begin submitting other college applications.*
- + Fill out the Free Application for Federal Student Aid (FAFSA) and check deadlines on their website.

SENIOR YEAR - SPRING SEMESTER

- + Contact colleges and confirm that all application materials were received.
- + After you receive letters of acceptance and financial aid awards, decide which college you will attend.
- + Review the financial aid package with your parents/guardians. Be sure you understand each type of aid offered.
- + Accept your chosen college's offer by the deadline, and decline offers received from other schools in writing.

5. UNDERGRADUATE TO MEDICAL SCHOOL INITIATIVE (UMSI)

ABOUT THE PROGRAM

- + Designed for motivated and academically talented students
- + Selected entering freshmen are guaranteed admission to the School of Medicine, after completion of a Bachelor's Degree at the Texas Tech University Honors College
- + Not a fast-track program to medical school
- + 8 total years of study

PRIMARY QUALIFICATIONS

- + U.S. citizen or permanent resident of the U.S.
- + Texas resident
- + Texas high school graduate
- + High school senior classification at application date
- + Minimum score of a 30 ACT or a 1360 SAT. Test scores must be achieved from a single testing date. SAT or ACT "Superscores" will not be accepted. SAT exams include math and critical reading sections only.
- + Preference for students ranking in the top 10% of high school class

for more information, visit:

[WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/
UNDERGRADUATE-TO-MEDICAL-SCHOOL-INITIATIVE.ASPX](http://WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/UNDERGRADUATE-TO-MEDICAL-SCHOOL-INITIATIVE.ASPX)

ADDITIONAL PROGRAM DETAILS

Students must apply and be admitted to Texas Tech University (TTU) and TTU Honors College as entering freshmen, before the application process for UMSI is complete.

- + Spend 4 years as an undergraduate at TTU and demonstrate significant evidence of health-related activities
- + Waived MCAT requirement and guaranteed medical school admission gives students the opportunity to have a varied undergraduate education including internships or study abroad
- + Students accepted into the program are required to complete Honors College requirements and are a condition of matriculation to TTUHSC School of Medicine
- + Study abroad programs must be taken with an affiliated TTU institution or program. These grades **MUST** appear on your TTU transcript

| <i>DATE</i> | <i>EVENT</i> |
|--------------------------|--|
| <i>OCTOBER 1</i> | <i>UMSI APPLICATION OPENS</i> |
| <i>DECEMBER 1</i> | <i>DEADLINE FOR UMSI APPLICATION AND ALL SUPPORTING DOCUMENTS</i> |



6. ADVICE FOR PROSPECTIVE APPLICANTS

THE NUMBER ONE PIECE OF ADVICE: **APPLY EARLY!**

- + TTUHSC School of Medicine class size is 182 students. 10% can come from out-of-state.

GENERAL DATA:

| AVERAGE 2024 TTUHSC MATRICULATE | |
|---------------------------------|----------------|
| OVERALL | OUT OF STATE |
| + MCAT 508 | + MCAT 514 |
| + GPA | + GPA |
| • Overall 3.84 | • Overall 3.95 |
| • BCPM 3.79 | • BCPM 3.92 |

TMSAS TIMELINE (VARIES SLIGHTLY YEAR TO YEAR):

MAY 1-NOVEMBER 1

TMSAS application opens
check the TMSAS website for official dates and
timelines: <https://tmsas.com>

OCTOBER 15-DECEMBER 31

Pre-match offer period

JANUARY 31


Deadline to submit match
preference rank list

FEBRUARY 14

Match results announced

PREREQUISITES:

Students must have a bachelor's degree from a U.S. or Canadian institution with the following prerequisite courses:



| <i>COURSE</i> | <i>HOURS</i> |
|--|--------------|
| <i>GENERAL BIOLOGY OR ZOOLOGY</i> | 6 |
| <i>BIOLOGY LABS</i> | 2 |
| <i>UPPER DIVISION BIOLOGY</i> | 6 |
| <i>GENERAL CHEMISTRY</i> | 6 |
| <i>GENERAL CHEMISTRY LABS</i> | 2 |
| <i>ORGANIC CHEMISTRY</i> | 6 |
| <i>ORGANIC CHEMISTRY LABS</i> | 2 |
| <i>PHYSICS</i> | 6 |
| <i>PHYSICS LABS</i> | 2 |
| <i>ENGLISH</i> | 6 |
| <i>STATISTICS OFFERED BY MATH DEPARTMENT</i> | 3 |
| TOTAL | 47 |

Note: **BIOCHEMISTRY** (3000 or 4000 level) is **REQUIRED** by TTUHSC School of Medicine and may be used toward fulfilling 3 hours of the Biological Sciences or 3 hours of the General Chemistry requirement.

HELPFUL WEBSITES:

SCHOOL OF MEDICINE ADMISSIONS:

www.ttuhsc.edu/medicine/admissions

TRANSFER STUDENTS:

www.ttuhsc.edu/medicine/admissions/advanced-standing-admission.aspx

DIVERSITY AND THE HOLISTIC APPROACH:

www.aamc.org/services/member-capacity-building/holistic-review

TEXAS MEDICAL & DENTAL SCHOOLS APPLICATION SERVICES:

www.tmdsas.com

DUAL DEGREES & SPECIAL PROGRAMS:

www.ttuhsc.edu/medicine/admissions/dual-degree-programs.aspx

COLLEGE STUDENT ROADMAP

First Year – MAKE IT COUNT!

- + Keep your **grades** up
- + Get in the habit of **personal reflection**
- + **Build** your **network** of **mentors**
- + Consult the **TMD SAS website** www.tmdsas.com
- + Meet with your **pre-health advisor**
- + Participate in **pre-health clubs and organizations**
- + Start completing **prerequisite coursework**
- + **Volunteer, shadow, gain employment or participate in research** during the summer

Second Year

- + **Check in** with **pre-health advisors, mentors** and potential **letter writers**
- + **Pursue meaningful clinical/healthcare experiences** and research opportunities
- + **Plan your summer.** Many research, internship, or enrichment programs have deadlines in January or February, be prepared early.
- + **Complete second year prerequisite coursework**

Third Year

- + If you plan to enter medical school directly after college, you will **apply this year**
- + **Study for the MCAT**
- + **Identify professors, advisors, supervisors, and mentors** with whom you have developed relationships, and approach them to ask if they will write letters of evaluation
- + **Continue participation** in clubs, clinical experiences, community engagement, research, and leadership roles
- + **Identify** and **research** schools you are interested in. If ready, take the MCAT in the spring.
- + **Complete personal statements**

Summer (BETWEEN THIRD & FOURTH YEARS)

+ Complete and submit primary applications:

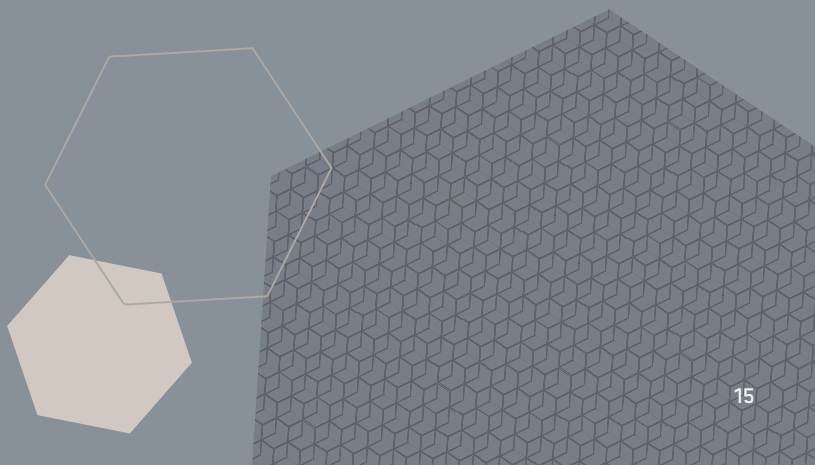
- *Texas Medical and Dental Schools Application Services (TMDSAS)*
- *American Medical College Application Service (AMCAS)*
- *American Colleges of Osteopathic Medicine Application Service (AACOMAS)*

+ Complete and submit secondary applications

- + **Submit supporting documents** – transcripts, letters of evaluation, test scores
- + If you have not taken the **MCAT exam**, or plan on retaking it, sign up and take the exam
- + Continue to engage in **extracurricular activities** that enhance your application
- + Prepare for **interviews**. Research each school and begin considering potential questions.

Fourth Year

- + **Maintain** academic success
- + **Prepare for interviews**
- + Wait for **offers of acceptance**
- + Research **financial aid and scholarships**
- + Write **thank you notes** to each of your evaluation writers and update them
- + **Complete remaining prerequisite coursework**



7. EARLY ACCEPTANCE PROGRAM (EAP)

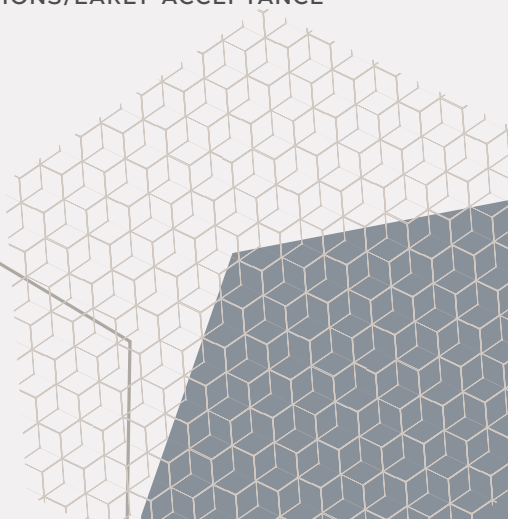
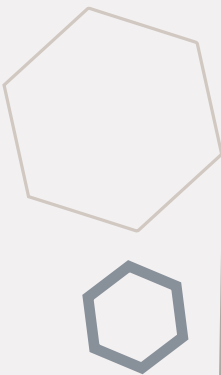
ELIGIBILITY TO APPLY

EAP is available to students attending partnered EAP schools within any major, so long as the requirements for entry to the TTUHSC School of Medicine are met and the student is judged to be exceptional by the School of Medicine Admissions Committee.

PRELIMINARY REQUIREMENTS:

- + Enrolled in partnered EAP Schools
- + Entered as an incoming freshmen (students classified as transfer students upon entering are ineligible)
- + Composite score of 1360 on the SAT (verbal and math portions) or a 30 on the ACT upon matriculation from high school (composite score must be earned in one test administration)
- + Texas resident
- + Texas high school graduate
- + U.S. citizen or permanent resident
- + "Checklist" form sent to partnered EAP advisors during the semester of application

WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/EARLY-ACCEPTANCE-PROGRAMS.ASPX





COURSEWORK REQUIREMENTS AND EXPECTATIONS

EAP is NOT an accelerated program. Students are required to attend four academic years at an approved partner institution. EAP does not require applicants to submit an MCAT score for admission to the TTUHSC School of Medicine. The TTUHSC School of Medicine Admissions Committee instead relies upon science coursework and GPA to discern a student's academic capabilities.

All necessary coursework and requirements must be completed by the time of matriculation to the TTUHSC School of Medicine or the student will not be allowed to matriculate.

Students must complete all science courses with a grade of B or higher, and have a **minimum science GPA of 3.6** and a **minimum overall GPA of at least 3.7**. **All grades** will be used in calculating the science (BCPM) GPA and overall GPA.

The 38 hours of prerequisite science coursework is required of all students before matriculation to the TTUHSC School of Medicine. This consists of 8 hours General Chemistry, 8 hours of Organic Chemistry, 8 hours of Introductory Biology, 6 hours of upper-level Biology, and 8 hours of General Physics. In addition you will need 3 hours of English and 3 hours of Statistics for a total of 47 prerequisite coursework hours.

Biochemistry (3000 or 4000 level) is REQUIRED by TTUHSC School of Medicine and may be used toward fulfilling 3 hours of the Biological Sciences or 3 hours of the General Chemistry requirement

8. SPECIAL PROGRAMS

JAMP – JOINT ADMISSION MEDICAL PROGRAM

Guaranteed acceptance to Medical School pending:

- + Qualify financially (socio-economically)
- + Two completed 5-week summer medical internships (which JAMP sets up)
- + At least a 502 on the MCAT
- + Get to know your JAMP Faculty Director at your college/university
- + Apply to TEXASJAMP.ORG between May and September of your Sophomore year in college (there is also an early acceptance to JAMP track)
- + Scholarships and stipends provided through JAMP throughout college and medical school

PEP – PREMEDICAL ENRICHMENT PROGRAM

- + Free multi-week summer medical internship at TTUHSC Lubbock for current undergraduate students.
- + MCAT materials, anatomy, preceptorships, volunteering, mock interviews, suture clinic, etc.

WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/PREMEDICAL-ENRICHMENT-PROGRAM.ASPX

SEP – SUMMER ENRICHMENT PROGRAM

- + 1-2 week, summer medical program for rising high school juniors and seniors that are interested in medicine
- + Perform advanced patient simulations, mock interviews, professionalism courses, anatomy, general chemistry/anatomy, etc.

WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/SUMMER-ENRICHMENT-PROGRAM.ASPX

EDME – EARLY DEDICATION TO MEDICAL EDUCATION

- + Open to junior high, high school and college students as well as community members
- + Monthly presentations on different topics designed to help participants along their journey to medicine
- + During the academic year
- + Held on campus at TTUHSC Lubbock and online.

WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/EARLY-DEDICATION-TO-MEDICAL-EDUCATION.ASPX

FHPE - FUTURE HEALTHCARE PROFESSIONALS' EXPERIENCE

- + Free event for high school and college students, college advisors, and parents, as well as anyone interested in exploring a health sciences related career.

[WWW.TTUHSC.EDU/STUDENT-LIFE/
FUTURE-HEALTHCARE-EXPERIENCE.ASPX](http://WWW.TTUHSC.EDU/STUDENT-LIFE/FUTURE-HEALTHCARE-EXPERIENCE.ASPX)

M2M - MIDDLE SCHOOL TO MEDICAL SCHOOL

- + Partnership with local middle schools
- + Delivers fun and innovative medically-related workshops for students.
- + Outreach activities to pique students interest in science and medicine.

[WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/
MIDDLESCHOOL-TO-MEDICAL-SCHOOL.ASPX](http://WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/MIDDLESCHOOL-TO-MEDICAL-SCHOOL.ASPX)

APPLICANT SEMINAR

- + Learn how to become a competitive medical school applicant (Opportunities to attend in the Fall and Spring Semesters.)
- + Variety of speakers on multiple topics
- + Attend in person or online

[WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/
SCHOOL-OF-MEDICINE-APPLICANT-SEMINAR.ASPX](http://WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/SCHOOL-OF-MEDICINE-APPLICANT-SEMINAR.ASPX)

REAPPLICANT SEMINAR

- + Intended for students that are reapplying to medical school
- + Learn how to enhance your application
- + Hear from successful reapplicants

[WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/
REAPPLICANT-SEMINAR.ASPX](http://WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS/REAPPLICANT-SEMINAR.ASPX)

CLERY ACT

Every year in October, Texas Tech University Health Sciences Center releases the Annual Security Report in compliance with the federal law identified as the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act."

The report contains statistics about certain specified crimes and related incidents that have been reported to the Texas Tech Police Department and other campus security authorities for the previous three calendar years. The report also contains policies and practices pertaining to campus security, crime reporting, alcohol and drugs, victims' assistance programs, student discipline policies, campus resources, community safety alerts, crime prevention, access to campus facilities and properties as well as personal safety tips.

Download the annual security report here.

WWW.TTUHSC.EDU/EMERGENCY/CLERY-REPORT.ASPX

To request a paper copy of this report, contact the Texas Tech Police Department by email at police@ttu.edu or by phone at 806-742-3931 during normal business hours, 8 a.m. – 5 p.m., Monday through Friday.

OFFICE OF ADMISSIONS

3601 4th Street Stop 6216 | Lubbock, Texas 79430

WWW.TTUHSC.EDU/MEDICINE/ADMISSIONS

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