

PRE-MEDICAL

General Prerequisite Coursework for Texas Medical Schools

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*

CHEM 1410+1430 (4hrs) General Chemistry I + lab
CHEM 1420+1440 (4hrs) General Chemistry II + lab
CHEM 2370+3210 (4hrs) Organic Chemistry I + lab
CHEM 2380+3220 (4hrs) Organic Chemistry II + lab

BIOC 3621 (3hrs) Principles of Biochemistry*

Alternatives: BIOC 4540 and BIOC 4550

Physics I for Science Majors + lab (4hrs)**

Physics II for Science Majors + lab (4hrs)**

ENGL 1310 (3hrs) College Writing I or

TECM 1700 (3hrs) Intro to Technical Writing

ENGL 1320 (3hrs) College Writing II or

TECM 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. PHYS 1410/1430 & PHYS 1420/1440 or PHYS 1510/1530 & PHYS 1520/1540 will satisfy these requirements.*

**Baylor, Dell, and TCU have specific requirements—please see below for more information.*

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

Additional Information by School

Program requirements may change without notice and vary with each school; you are still responsible for checking schools' websites for admissions information. Please see your academic advisor to further explore the requirements of the school in which you are interested.

*Baylor College of Medicine

Requirements:

3-4 hours of Math (Calculus, Stats/Biostats, 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

*Dell Medical School—UT Austin

11 hours of Biology (2 hours must be from labs)
Recommended: BIOL 3451
 12 hours of Chemistry (See website for approved combination)
 8 hours of Physics
 3 hours of Biochemistry
 3 hours of English Composition
 3 hours of Statistics

Paul L. Foster—Texas Tech El Paso

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*

Sam Houston State University College of Osteopathic Medicine

Only requires 8 hours of Biology
 Biochemistry can be substituted for Organic Chemistry II
 6 hours of mathematics (3 hours must be Statistics)

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 hours may count towards the Biology requirement

Texas Christian University School of Medicine

Requirements:

1 semester of Biochemistry (BIOC 3621 or 4540)
 2 semesters of General Sciences, such as
 BIOL 3451, BIOL 2041, BIOL 2301, BIOL 2302,
 BIOL 4751, General Physics, BIOL 4201,
 or BIOL 4250
 1 semester of Statistics (MATH 1680)
 1 semester of English Composition (ENGL 1310)
 2 semesters of Social and Behavioral Sciences (See website for options)
 2 semesters of Humanities (See website for options)

**Please see advisor for specific coursework.*
 Physics not required

Texas College of Osteopathic Medicine (UTHSC)

1 semester of English Composition (ENGL 1310)
 1 semester of Biochemistry is NOT required
 14 semester hours of Biology***—(minimum) 12 hours of lecture and 2 hours of formal laboratory
*Recommended for BIOL elective:
 BIOL 3510, BIOL 2301+2311, BIOL 2302+2312, BIOL 2041+2042*

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 General Chemistry requirement

UIW School of Osteopathic Medicine

Biochemistry is not required, but recommended
 Only requires 8 hours of Biology (more is encouraged)
 Statistics is not required, but 6 hours of coursework in Math or Statistics is recommended
 Recommended-6 hours of Philosophy or related Humanities
*Recommended advanced sciences:
 BIOL 3451, BIOL 4201,
 BIOL 2301+2311, BIOL 2302+2312,
 BIOL 4751 or 4752, BIOL 3510, BIOL 2041+2042*

UT Tyler School of Medicine

Requires 14 hours of Biology, 2 of which must be labs

University of Houston College of Medicine

Requirement: 3 hours of advanced Biology
Recommended science: BIOL 3451, BIOL 3800, BIOL 3510, BIOL 4201
Recommended: foreign language

UTHSC-Houston (McGovern)

Requires 14 hours of Biology, 2 of which must be labs
 Biochemistry is recommended
 Statistics is not required
Additional Recommended Courses: BIOL 2041+2042, BIOL 4201, MATH 1680, psychology and/or sociology

UT Medical Branch

Requires 14 hours of Biology, 2 of which must be labs
 Statistics or Calculus is accepted (stats must be MATH)
 Biochemistry is required but can be used toward the Biology or General Chemistry requirement
Recommended: BIOL 2301+2311, BIOL 2302+2312, BIOL 2041+2042, BIOL 4201, BIOL 3510, BIOC 3621 or BIOC 4540 or 4550, BIOL 4330, MATH 1680

University of Texas Rio Grande Valley

Requires 14 hours of Biology, 2 of which must be labs
 Biochemistry is **required** but may be used towards the Biology or Chemistry requirements
 Calculus does not meet Stats Requirement

UTHSC San Antonio (Long School of Medicine)

Requires 14 hours of Biology, 2 of which must be labs
 Biochemistry is **required** but may be used towards the Biology or Chemistry requirements

UT Southwestern

Requires 14 hours of Biology, 2 of which must be labs
 1 semester of Biochemistry is accepted towards the Biology requirement (only if two semesters completed)
 Math: 1 semester of Calculus **OR** Statistics
 Only requires 4 hours of General Chemistry

Mapping the Pre-Medical Journey

With the help of your pre-health advisor, use the prerequisite courses listed on the previous page to create an individual plan for your pre-medical ambitions. NOTE: This is not an official plan, advising record, or degree audit. Please review the proposed course timeline with your degree plan advisor to ensure you have the correct courses to graduate.

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 (before applying)

Attend personal essay workshops
Attend HPAC Seminar
MCAT Preparation

Spring Timeline (before applying)

Attend Application Seminar
HPAC Application due in January
MCAT Prep/Take Exam (by June)

Summer: Apply to medical schools through TMDAS, AMCAS, and/or AACOMAS. Interviews with medical schools are typically July-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)

Need Advising?

To contact your pre-health advisor, please visit:

<https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors>

General Email: Healthcareers@unt.edu

To schedule an appointment, please visit: <https://unt.navigate.eab.com/>

UNT Office of Health Professions

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