**PRE-MEDICAL**

General Prerequisite Coursework for Texas Medical Schools

<table>
<thead>
<tr>
<th>School</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>TAMU Health Science Center</td>
<td>8 of the 14 hours of Biology must be General Biology</td>
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<tr>
<td></td>
<td>6 of the 14 hours of Biological sciences must be at the advanced level.</td>
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<td></td>
<td>Biochemistry is required, but 3 of the advanced Biology hours must be from</td>
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<tr>
<td></td>
<td>Biochemistry.</td>
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<tr>
<td>BIOL 1710 (3hrs) General Biology I</td>
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<tr>
<td>BIOL 1720 (3hrs) General Biology II</td>
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<tr>
<td>BIOL 1760 (2hrs) General Biology Lab</td>
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<tr>
<td>BIOL Electives (6hrs)</td>
<td>Highly recommended: BIOL 3510 and BIOL 3451</td>
</tr>
<tr>
<td>Recommended: BIOL 2041/2042, BIOL 3800,</td>
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<tr>
<td>BIOL 3510, or BIOL 3451</td>
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<tr>
<td>BIOL Electives (6hrs)</td>
<td>3 hours of Statistics</td>
</tr>
<tr>
<td>Recommended: BIOL 2041/2042, BIOL 3800,</td>
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<tr>
<td>BIOL 3510, or BIOL 3451</td>
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<tr>
<td>CHEM 1410/1430 (4hrs) General Chemistry I</td>
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<tr>
<td>CHEM 1420/1440 (4hrs) General Chemistry II</td>
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<tr>
<td>CHEM 2370/3210 (4hrs) Organic Chemistry I</td>
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<tr>
<td>CHEM 2380/3220 (4hrs) Organic Chemistry II</td>
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<tr>
<td><em>Biochemistry is not required for all schools. See below for more information</em></td>
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<tr>
<td><strong>Medical Schools require Physics Courses for science majors. Please see your major advisor for information on which physics are required for your degree</strong></td>
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<tr>
<td>+TCU/UNTHSC has different requirements, please see below</td>
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<tr>
<td><strong>A 'C' or better is required in all coursework</strong></td>
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<tr>
<td>Completion of a degree is STRONGLY recommended</td>
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Additional Information by School

Baylor College of Medicine
Requirements include:
- 3-4 hours of Math (Calculus, Stats, or Physics)
- 3-4 hours of Writing (See website for approved courses)
- 12 hours of Humanities/Social Sciences
- 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
Requirements include:
- 11 hours of Biology (2 hours must be from labs)
  Recommended: BIOL 3510
- 8 hours of Physics
- 12 hours of Chemistry (See website for options)
  3 hours of Biochemistry
- 3 hours of English Composition
- 3 hours of Statistics

Paul L. Foster
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
Biochemistry can be substituted for Organic Chemistry II
6 hours of mathematics (3 hours must be Statistics)

STEM\textit{ion} 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 of the advanced Biology hours must be from Biochemistry

+Texas Christian University/UNTHSC School of Medicine
Requirements include:
  1 semester of Biochemistry (BIOC 3621 or 4540)
  1 semester of Genetis (BIOL 3451)
  1 semester of Biology (BIOL 2301/2311 OR 2302/2312)
  1 semester of Physiology (BIOL 2301/2311 OR 2302/2312)
  1 semester of Chemistry (MATH 1680)
  1 semester of Mathematics (MATH 1311)
  1 semester of English Composition (ENG 1311)
  1 semester of Social and Behavioral Sciences
  (See website for options)
  2 semesters of Humanities
  (See website for options)
  2 semesters of Humanities
  *Please see advisor for specific coursework

Texas College of Osteopathic Medicine (UNTHSC)
  1 semester of Biochemistry is NOT required
  Recommended for BIOL elective:
  BIOL 3510, BIOL 2301/2311, BIOL 2302/2312, BIOL 2041

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 Chemistry requirement

UW School of Osteopathic Medicine
Biochemistry is not required, but recommended
Only requires 8 hours of Biology (more is encouraged)
6 hours of Philosophy or related Humanities coursework is recommended; advanced behavioral science also preferred
Statistics is not required, but 6 hours of coursework in Math or Statistics is recommended
Recommended advanced sciences:
  BIOL 3451, BIOL 4201, BIOL 2301/2311, BIOL 2302/2312, BIOL 4751 or 4752, BIOL 3510, BIOL 2041/2042

University of Houston College of Medicine
Requirements include:
  3 hours advanced Biology
  Recommended science: BIOL 2301, BIOL 4201
  Recommended: foreign language

UTHSC-Houston (McGovern)
Biochemistry accepted towards hours of BIOL
(Not required)
Only one year of Biology can be completed by AP credit
No Math course is required; familiarity with statistics and psychology preferred

UT Southwestern
Statistics or Calculus is accepted
Biochemistry is not required (but recommended)
Recommended:
  BIOL 2301/2311, BIOL 2302/2312, BIOL 2041/2042, BIOL 4201, BIOL 3451, BIOL 3510, BIOL 3621 or BIOC 4540 or 4550, BIOL 4339

University of Texas Rio Grande Valley
Biochemistry course may be used towards the Biology or Chemistry requirements
Calcus does not meet Math Requirement

UTHSC San Antonio (Long School of Medicine)
Biochemistry course may be used towards the Biology or Chemistry requirements

UT Southwestern
1 semester of Biochemistry is accepted towards the Biology requirement (only if two semesters completed)
Recommended for BIOL elective:
  BIOL 3451, BIOL 4201, BIOL 4555, BIOL 2301/2311, BIOL 2302/2312, BIOL 4290, BIOL 2140, BIOL 2041/2042, BIOL 4091
1 semester of Biochemistry is required (see general gray box)
Math: 1 semester of Calculus QR Statistics
Only requires 4 hrs of General Chemistry

Scan the QR code to the left for more information on Texas Medical Schools, MCAT preparation, pre-health organizations, application services, Health Professions Student Development Certificate and how to schedule an advising appointment

*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.*
Mapping the Pre-Medical Journey

With the help of your advisor, use the prerequisite courses listed on the following page to create an individual plan for your pre-medical ambitions. Because circumstances can change and differ over time, this is an unofficial timeline and should be re-evaluated each semester.

<table>
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<tr>
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<th>Hrs.</th>
<th>SPRING ______</th>
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<td>SUMMER I</td>
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Fall Timeline
- Attend “What Should I Be Doing Now?” Seminar
- Attend personal essay workshops
- MCAT Preparation

Spring Timeline
- Attend HPAC Seminar
- HPAC Application due in March
- MCAT Prep/Take Exam (June or July)

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

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Fall Timeline
- Medical School Interviews

Spring Timeline
- January—Deadline for Submitting Match List to TMDSAS
- February—Match Date (Informed by TMDSAS)

To contact your pre-health advisor, scan the QR code above. On that site, under “Office of Health Professions Pre-Health Advising” You will find the contact information for each advisor.

General Email: Healthcareers@unt.edu

UNT Office of Health Professions
Hickory Hall, 256
1155 Union Circle #311365
Denton, TX 76203

To schedule an appointment, please visit appointments.unt.edu
Phone: 940-369-8606
Website: healthcareers.unt.edu

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