

PRE-DENTAL

General Prerequisite Coursework for Texas Dental Schools

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.

Texas A&M University College of Dentistry

Required courses:

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
 CHEM 1410/1430 (4hrs) General Chemistry I
 CHEM 1420/1440 (4hrs) General Chemistry II
 CHEM 2370/3210 (4hrs) Organic Chemistry I
 CHEM 2380/3220 (4hrs) Organic Chemistry II
 BIOC 3621 (3hrs) Principles of Biochemistry*
 Alternatives: BIOC 4540 and BIOC 4550
 Physics I for Science Majors (4 hrs)**
 Physics II for Science Majors (4 hrs)**
 MATH 1680 (3hrs) Elementary Probability and Statistics

18 semester hours of Biology—(minimum) 15 hours of lecture and 3 hours of formal laboratory.

Also, the Biology hours must include:

BIOL 2301/2311 (4hrs) Human Anatomy and Physiology I
 BIOL 2302/2312 (4hrs) Human Anatomy and Physiology II
 BIOL 2041/2042 (4hrs) Microbiology

Strongly encourages a major in the hard sciences or taking more than the minimum number of biology courses

University of Texas Health Science Center—Houston

Required courses:

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
 CHEM 1410/1430 (4hrs) General Chemistry I
 CHEM 1420/1440 (4hrs) General Chemistry II
 CHEM 2370/3210 (4hrs) Organic Chemistry I
 CHEM 2380/3220 (4hrs) Organic Chemistry II
 BIOC 3621 (3hrs) Principles of Biochemistry*
 Alternatives: BIOC 4540 and BIOC 4550
 Physics I for Science Majors (4 hrs)**
 Physics II for Science Majors (4 hrs)**
 MATH 1680 (3hrs) Elementary Probability and Statistics

14 semester hours of Biology***—(minimum) 12 hours of lecture and 2 hours of formal laboratory

Biology hours must include:

BIOL 2041/2042 (Microbiology)

*BIOC 4540 & 4550 is strongly recommended to prepare for dental school curriculum

**Dental Schools require Physics Courses for science majors. Please see your major advisor for information on which physics are required for your degree.

***Anatomy & Physiology I & II is recommended to prepare for dental school curriculum (required by Texas A&M)

NOTE: Courses for non-science majors or for health career majors, such as nursing, pharmacy, allied health sciences, will NOT satisfy the required coursework. All required coursework must be applicable toward a traditional science degree.

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

University of Texas Health Science Center—San Antonio

Required courses:

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
 CHEM 1410/1430 (4hrs) General Chemistry I
 CHEM 1420/1440 (4hrs) General Chemistry II
 CHEM 2370/3210 (4hrs) Organic Chemistry I
 CHEM 2380/3220 (4hrs) Organic Chemistry II
 BIOC 3621 (3hrs) Principles of Biochemistry*
 Alternatives: BIOC 4540 and BIOC 4550
 Physics I for Science Majors (4 hrs)**
 Physics II for Science Majors (4 hrs)**
 MATH 1680 (3hrs) Elementary Probability and Statistics

14 semester hours of Biology***—(minimum) 12 hours of lecture and 2 hours of formal laboratory

Woody L. Hunt School of Dental Medicine at Texas Tech University Health Sciences Center El Paso

Required course:

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
 CHEM 1410/1430 (4hrs) General Chemistry I
 CHEM 1420/1440 (4hrs) General Chemistry II
 CHEM 2370/3210 (4hrs) Organic Chemistry I
 CHEM 2380/3220 (4hrs) Organic Chemistry II
 BIOC 3621 (3hrs) Principles of Biochemistry*
 Alternatives: BIOC 4540 and BIOC 4550
 Physics I for Science Majors (4 hrs)**
 Physics II for Science Majors (4 hrs)**
 MATH 1680 (3hrs) Elementary Probability and Statistics

14 semester hours of Biology— (12hrs lecture/2hrs formal lab)

Biology hours must include:

BIOL 2041/2042 (Microbiology)

Other suggested biology courses: Molecular Biology, Anatomy, Physiology, Cell Biology, Histology, Immunology, Genetics, Zoology



Scan the QR code for more information on the Pre-Dental Pathway and how to be a competitive applicant for admission.

Mapping the Pre-Dental 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-dental 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

Attend "What Should I Be Doing Now?" Seminar
Attend HPAC personal statement workshop in November
DAT Preparation

Spring Timeline

Attend application seminar in February
HPAC Application due in March
DAT Prep/Take Exam (June or July)

Summer: Apply to dental schools through TMSAS or AADSAS. Interviews with dental schools are typically July through December.

FALL _____	Hrs.	SPRING _____	Hrs.

Fall Timeline

Dental School Interviews
December 1st— First day of Admissions Offer

Spring Timeline

Admission Offer Continue

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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