

# PRE-DENTAL

## General Prerequisite Coursework for Texas Dental Schools

### 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**

### 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 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**



Scan the QR code to the left for more information on Texas Dental Schools, DAT 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.\**

### 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  
 MATH 1680 (3hrs) Elementary Probability and Statistics  
 Physics I for Science Majors (4 hrs)\*\*  
 Physics II for Science Majors (4 hrs)\*\*  
 BIOC 3621 (3hrs) Principles of Biochemistry\*  
 Alternatives: BIOC 4540 and BIOC 4550  
 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

14 semester hours of Biology— Must include Microbiology (BIOL 2041/2402)

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

Basic Life Support required for matriculation

# Mapping the Pre-Dental Journey

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

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 TMD SAS 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



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](mailto: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](http://appointments.unt.edu)**

Phone: 940-369-8606  
Website: [healthcareers.unt.edu](http://healthcareers.unt.edu)