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

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
- BIOL 2041/2042 (4hrs) Microbiology

14 semester hours of Biology—Must include Microbiology

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

Basic Life Support required for matriculation

*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.*
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.

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**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 TMDSAS or AADSAS. Interviews with dental schools are typically July through December.

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**Fall Timeline**
- Dental School Interviews
- December 1st—First day of Admissions Offer

**Spring Timeline**
- Admission Offer Continue

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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

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

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