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—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
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  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
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  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)

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

**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
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- 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)

**Biologies courses 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**

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.

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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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**Need Advising?**
To contact your pre-health advisor, please visit: [https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors](https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors)

General Email: [Healthcareers@unt.edu](mailto:Healthcareers@unt.edu)

To schedule an appointment, please visit: [https://unt.navigate.eab.com/](https://unt.navigate.eab.com/)

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