

PRE-DENTAL PROGRAM

The College of Arts and Sciences offers both three-year and four-year programs leading to the degree of Bachelor of Science for students preparing for the study of dentistry. Both programs are based upon the curriculum outlined in this brochure. In the three-year program the student must complete at least 90 credit hours while enrolled in the College of Arts and Sciences, and the BS is granted upon satisfactory completion of the first year of study at the UT Health Science Center in Memphis. The requirement for a major is waived for those completing their fourth year at Memphis. In the four-year program the degree is granted upon completion of 120 or more credit hours while enrolled in the College, including a major of 24 or more hours.

Students in either the three- or four-year program must complete the last 30 hours of credit in residence at the University of Tennessee, Knoxville, before entering the College of Dentistry in Memphis.

Although the BA/BS degree is not required for admission to the College of Dentistry at Memphis, all accepted students are expected to have the baccalaureate degree or higher prior to matriculation.

The pre-dental program listed below includes the specified courses required for admission to the College of Dentistry at the UT Health Science Center in Memphis. Students wishing to prepare for professional training at institutions other than the UT Health Science Center in Memphis should consult the catalogs of those institutions to determine the specific preparation required for admission.

The University Of Tennessee College of Dentistry admits one class per year beginning in August. The program, which leads to the Doctor of Dental Surgery (D.D.S.) degree, is four years in length and consists of nine months for each of the first two years and eleven months for each of the second two years.

Much of the first two years is devoted to the biomedical sciences of anatomy, biochemistry, histology, microbiology, pathology, pharmacology, and physiology. Preclinical technical courses are also taught to achieve a close correlation of the basic sciences with the clinical disciplines.

The following is a suggested sequence of courses to prepare for application to the College of Dentistry. Please note that the *College of Arts and Sciences Curriculum Guide and Advising Handbook* contains course options for Communicating through Writing, Foreign Language, Social Sciences, Arts and Humanities, Non US History, Global Challenges, and Connections. All students pursuing a degree from UT must complete UT's general education requirements.

Based on 2019/2020 Curriculum

FRESHMAN	Semester Hrs
English 101-102.....	6
Biology 150 (or 158) (see Note 1).....	3
Biology 160 (or 168) and 159 (or 167).....	3, 2
Chemistry 120-130 (or 128-138).....	8
Mathematics (see Note 2).....	6-8
Communication Orally (OC) course.....	3
Total Semester Hours: 31-33	

SOPHOMORE

Chemistry 260/269 and 360/359.....	8
Physics 221-222.....	8
Foreign Language Intermediate (see Note 3).....	6
Arts and Humanities (see Note 4).....	3
Non-US History.....	6
Global Challenges (if Biology 150 not taken).....	0-3

Total Semester Hours: 31- 34

JUNIOR

Arts and Humanities (see Note 4).....	3
Communicating through Writing (WC).....	3
Social Sciences (see Note 5).....	6
Connections (see Note 6).....	9
Electives (see Note 7).....	6-8
Other Biology (see Note 8).....	4
BCMB 401.....	4

Total Semester Hours: 35-37

TOTAL HOURS: 97 hours minimum

SENIOR

Completion of major program and BA/BS requirements (strongly recommended) **or** completion of one year at the UT Health Science Center in Memphis (see note 9)

TOTAL: 120 hours minimum

Note 1: Pre-dentistry students who have previously completed BIO 101 and 102 may substitute this sequence for BIO150 if they are not a major that requires BIO 250.

Note 2: Math placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130 or any calculus course is a prerequisite to Physics. Students should consult the undergraduate catalog for a complete list of mathematics courses that satisfy the University General Education Quantitative Reasoning Requirement.

Note 3: This requirement assumes a student has had enough language background in high school to begin an intermediate language sequence at UTK.

Note 4: Students must select one course from List A and one course from List A or B, representing two departments.

Note 5: Students must complete a minimum of two courses representing two departments.

Note 6: Students will satisfy the Connections requirement by completing one of the following: a minor or second major, nine hours of study abroad coursework, or nine hours from a Connections package.

Note 7: Recommended electives: BIO 240: *Genetics*, BCMB 330: *Animal Development and Embryology*; BCMB 230: *Human Physiology*, Anthropology 480: *Human Osteology*, and Anthropology 485: *Oral Biology*. Courses such as economics, philosophy, psychology, social science, and other arts and sciences courses are also recommended to provide the applicant with a well-rounded education.

Note 8: The College of Dentistry requires one of the following courses: BIO 220-229: Introduction to Microbiology with Lab, MICR 210: General Microbiology, Ecology and Evolutionary Biology 240: Human Anatomy.

Note 9: All accepted students are expected to arrive on campus with a Bachelor's degree or higher. Expectations to this rule are possible, but they must be initiated by the candidate. A candidate who is granted a waiver to this rule is notified in writing.

PROGRAM PLANNING AND SELECTING A MAJOR

The importance of program planning for the pre-dental student cannot be overstressed. It is essential for these students to develop their programs carefully and creatively in order to prepare for dental school and pursue a degree in the College of Arts and Sciences at the same time. Pre-health advisors are available in Arts and Sciences Advising Services, 313 Ayres Hall, to assist students with their programs; however, in the final analysis it is the student's responsibility to determine the program which will best satisfy his or her particular needs.

Because admission to all dental schools is competitive, the pre-dental student is strongly urged to select a major which will enable the individual to adapt to an alternative program in the event admission to dental school is not achieved. Students may major in any department. The courses necessary for professional study can be incorporated into the selected program of study.

The Associate Dean for Admissions to the College of Dentistry at the UT Health Science Center visits the UTK campus each fall to discuss with interested pre-dental students their plans for attending dental school.

TENNESSEE INSTITUTES FOR PRE-PROFESSIONALS

Members of underrepresented groups in Tennessee have a distinct opportunity to learn for life. Tennessee Institutes for Pre-Professionals (TIP) is for residents of Tennessee (college freshmen to seniors) who wish to pursue a career in medicine, dentistry, pharmacy or other health professions. TIP offers year-round advice, support, and activities designed to assist students in realizing their career goals. TIP is a state effort with participation by all the state's public colleges. TIP's ultimate purpose is to increase the representation and active participation of groups underrepresented in health professions training and practice. The application deadline is February 15. For more information, please visit the website at www.uthsc.edu/hcp/, call 901-448-8772, or email hcp@uthsc.edu.

ALPHA EPSILON DELTA (AED)

Alpha Epsilon Delta is a pre-health honor society that seeks to provide information and opportunities for students with an interest in the health professions. The Tennessee Beta Chapter of AED is active at The University of Tennessee. AED activities include information sessions on preparing to apply to professional schools, local speakers from the medical community, trips to Tennessee medical schools and health centers, and service activities. For a

schedule of meetings, visit aedutk.wix.com/aed-utk/.

Requirements for national membership include three terms of college (at least one at UT), a cumulative GPA of 3.2, a science GPA of 3.2, and participation in AED sponsored events and meetings. Students interested in AED must first affiliate themselves with the organization as a pledge during the first semester of college attendance at UT. Applications for both pledge status and national membership are available in Arts and Sciences Advising Services, 313 Ayres Hall, and at the organizational website. Students who do not meet the criteria to become a national member may continue as a pledge. Pre-health students wishing to receive notification of pre-health activities and AED events should send an e-mail to asadvising@utk.edu to request to be added to the pre-health distribution list.

SEMINAR FOR PRE-HEALTH STUDENTS at UT

Each fall semester, Arts and Sciences Advising Services offers a one credit hour course entitled "*Introduction to Health Care Delivery*." This one credit hour seminar course is taught in the Wood Auditorium of UT Hospital. The course provides weekly seminars on topics such as managed care, family practice, ethical issues in medicine, malpractice, allied health programs, and many others. The course is listed in the timetable under Interdisciplinary Programs 210. The course is open to any interested student.

GRADE POINT AVERAGES

A minimum grade point average of 2.75 is expected in all required subjects attempted and in cumulative course work. Due to the competition among applicants, classes are filled with those who have higher academic averages. Prospective applicants should strive to maintain a prescribed and cumulative grade point average *well above* a 3.00.

DENTAL ADMISSION TEST (DAT)

The Dental Admission Test (DAT), which has been in operation on a national basis since 1950, is administered by the American Dental Association (ADA) in conjunction with Prometric, Inc. at Prometric Test Centers in the United States and its territories, including Guam, Puerto Rico, and the Virgin Islands and Canada. The DAT is administered in a computerized test format and is designed to measure general academic ability, comprehension of scientific information, and perceptual ability. All applicants to the College of Dentistry in Memphis are required to take the DAT, and the Admissions Committee considers the DAT a very important marker of applicant performance. Validity studies conducted by the testing program have shown that test scores in conjunction with collegiate records are useful in predicting performance.

Students are recommended to complete the DAT during the spring of their junior year.

The DAT examines applicants in six general areas: Biology, General Chemistry, Organic Chemistry,

Reading Comprehension, Quantitative Reasoning and Perceptual Ability. Scores received in these areas will also be averaged resulting in two additional scores for Science and Academics for a total of eight scores. Scores in each area may range from 1-30 points for a maximum of 240 possible points. An applicant with a DAT score of 140 points or better will be considered for an interview. Scores that are generally competitive are an Academic Average of 19 (or better) and no scores of 17 or below. Dental Aptitude Test examinees will be limited to three opportunities to participate in the testing program. Scores are valid for five years.

Information regarding registration for the DAT can be found at the American Dental Association website (www.ada.org). At the "Education/Careers" tab, a link to the Dental Admission Test is available. At this site, students create a DENTPIN (Dental Personal Identifier Number) which is required to apply to a dental education program, application service, or test, or request a score report.

AADSAS AND APPLICATION TO THE UT COLLEGE OF DENTISTRY

The American Association of Dental Schools Application Services (AADSAS) is a centralized application processing service for applicants to dental schools. AADSAS enables the individual to file one application to apply to any of the 61 participating schools. The UT College of Dentistry participates in this service.

AADSAS collects data and transmits standardized applications to schools to which the student is applying. AADSAS is in no way involved with the appraisal, selection or rejection of applicants.

Students should apply to the UT College of Dentistry through AADSAS at the following web address: www.adea.org. The AADSAS web site also has a link to a Supplemental Information Form which should be completed as soon as possible *after* submitting the AADSAS application. Official transcripts from each college attended are sent to ADEA AADSAS as part of the application. UT transcripts can be requested in person at the One Stop Shop located in Hodges Library or online at registrar.tennessee.edu/.

Students selected for admission will be instructed to complete a Supplemental Application. This Supplemental Application is different from the Supplemental Information Form.

The College of Dentistry admits approximately 80 students annually for the class beginning in August. The application cycle begins on June 1 of the preceding year and continues through September 30.

LETTERS OF RECOMMENDATION

Letters of recommendation are not mandatory but are accepted and reviewed by the Admissions Committee and become part of the file.

Other dental schools may require letters of reference from faculty members and others who have known you. For this reason, students should make every effort to get to know professors. Letters of evaluation are processed through AADSAS.

ADMISSIONS COMMITTEE CANDIDATE REVIEW FACTORS

When considering candidates for possible admission, the Admissions Committee reviews the entire scope of information that is available on each applicant. For each candidate this includes the academic record (i.e., overall GPA, science GPA and last 30 semester credit hours GPA), DAT scores, responses to items on the Application Survey, interview assessment, and any other information provided by the candidate (e.g., personal statement, letters of recommendation, etc.). In addition, the committee will expect

evidence of the following factors in making the difficult choices among candidates:

- Demonstrated exploration of the profession of dentistry
- Demonstrated commitment to community service
- Evidence of critical thinking and problem-solving ability (e.g., performance in courses requiring this skill, such as lab segments or formal logic or research experiences)
- Full academic loads with evidence of a broad liberal arts and sciences education (i.e., fine arts, business, mathematics, humanities, computer science, etc.)
- A range of extracurricular activities, especially those demanding a significant leadership role.
- Demonstrated ability to balance full academic schedules with extracurricular involvement and/or employment (i.e., effective and efficient management of time)

GENERAL ADMISSION REGULATIONS FOR HEALTH SCIENCE CENTER IN MEMPHIS

1. Applicants who have made grades of less than "C" in required courses are required to repeat those courses. (Both grades are utilized in computing grade point averages.)
2. All science courses must include the complete lab requirement concurrent to those courses.
3. Correspondence/online courses are not accepted for required course work. Credit for elective courses from correspondence/online sources is limited to 6 semester hours (9 quarter hours) and should be approved by the Office of Admissions prior to scheduling.
4. Each applicant is expected to comply with the general requirements of the college attended, including the non-academic requirements.
5. The UT College of Dentistry accepts all CLEP and AP credits as long as The University of Tennessee acknowledges and awards said credits.
6. The Committee on Admissions reserves the right to require any candidate to complete additional course work irrespective of his or her academic average at the time of evaluation.
7. Applicants must be citizens or permanent residents of the United States at the time of application.
8. Questions regarding coursework or assistance in selecting specific courses may be answered by contacting the pre-health advisor and/or the Office of Admissions at the UT Health Science Center College of Dentistry (901-448-6268).

RESIDENCY POLICY FOR HEALTH SCIENCE CENTER IN MEMPHIS

The UT Health Science Center in Memphis is a state-supported institution, and qualified Tennesseans are given first priority; however, a certain number of Arkansas students are accepted each year under a formal agreement with that state. A few students from other states may also be accepted if they possess superior qualifications, with preference given to children of alumni. Applicants must be citizens or permanent residents of the United States at the time of application.

STATISTICS FOR 2018 ENTERING CLASS

Number of Applicants.....2085
Class Size..... 99 (6 repeats; 93 new)
 TN: 158; Accepted: 58 (2 repeats)
 AR: 87; Accepted: 24 (2 repeats)
 Out of State: 1450; Accepted: 17 (2 repeats)

Number of UTK Applications.....32
Number of UTK Acceptances.....12
Overall Mean GPA (accepted).....3.63
Science Mean GPA (accepted).....3.49
Minimum competitive GPA Level.....3.5 or higher
Average Age.....23

Mean DAT: Academic Perceptual Total Science
 19 19 19

Gender: Male Female
 848 838

Pre-dental education (all acceptances)
 Bachelor's.....92
 Master's.....5

ADDITIONAL INFORMATION IS AVAILABLE FROM:

Arts and Sciences Advising Services
313 Ayres Hall
University of Tennessee
Knoxville, TN 37996-1335
(865) 974-4481
<http://artsci.utk.edu/advising/>

College of Dentistry
875 Union Avenue
Memphis, Tennessee 38163
(901) 448-6200
<https://www.uthsc.edu/dentistry/>

American Dental Association
211 East Chicago Avenue
Chicago, IL 60611
(312) 440-2500
<http://www.ada.org>

American Dental Education Association (ADEA)
<http://www.adea.org>

American Academy of Pediatric Dentistry
<https://www.aapd.org/>

The information in this bulletin is subject to revision as additional material becomes available. Any new information will be posted immediately on the Health Professions bulletin board outside Arts and Sciences Advising Services (313 Ayres Hall). Students are strongly encouraged to check this bulletin board periodically and/or to consult with a health professions advisor on a regular basis in order to obtain the most accurate information possible.

ADMISSION TO THE UNIVERSITY OF TENNESSEE COLLEGE OF DENTISTRY IS AT THE DISCRETION OF THAT COLLEGE; ADMISSION TO THE UNIVERSITY OF TENNESSEE, KNOXVILLE AND COMPLETION OF THE PRE-DENTAL PROGRAM IN THE COLLEGE OF ARTS AND SCIENCES DOES NOT ASSURE ADMISSION TO THE UNIVERSITY OF TENNESSEE, COLLEGE OF DENTISTRY.

THE UNIVERSITY OF TENNESSEE, KNOXVILLE
EEO/TITLE IX/SECTION 504 STATEMENT

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services.