

DDS ELECTIVE FALL (DBEB)

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DBEB 2202 Geriatric Oral Health Care Needs (1.5 Credits)

Students will participate in teams to assess the status of geriatric oral health in community centers. It is essential to interact with the family and caregivers who maintain or improve physiological, psychological and social well-being of the participants and will involve collaboration with an interdisciplinary team to analyze hindrances in access to care and make appropriate recommendations about an oral health problem resolution involving the elderly. Pass/Fail

DBEB 3052 Creating Lifetime Patients (0.5 Credits)

This seminar series will illustrate how to ethically generate loyal, lifelong patients. This elective will instruct students on how to identify the individual values, personality, and oral health goals of every patient. Also emphasized will be the verbal skills and visual components that impress the patient, generate patient referrals, and cultivate their trust and loyalty for a lifetime. Instructor's personal training script included. Pass/Fail, F not in GPA

DBEB 3106 Spanish for Dental Professionals (0.5 Credits)

This course is intended to assist students evolving from their conversational Spanish into simple, professional, dental-applicable Spanish language skills to ease communication an interaction with Spanish-speaking-only patients. Pass/Fail, F not in GPA

DBEB 3112 Intellectual Disability Clinical Care at Brookwood (0.5 Credits)

This elective provides dental students an opportunity to receive clinically enriching experiences in diagnosis, treatment planning, and management of adult patients with Intellectual and Developmental Disabilities (I/DD), as well as providing contemplative discussions with faculty on the value of interdisciplinary interaction with physicians, behavioral specialists and nurses for collaborative care. Pass/Fail, F not in GPA

DBEB 4004 Intellectual Disability Inter-Professional Care (1 Credit)

This elective course aims to provide students with an introduction to the treatment needs of adults with I/DD and the importance of an integrated care plan with behavioral specialists, physicians and nurses. Students will spend sixteen hours total for the class with three-hour sessions at the Baylor College of Medicine Transitional Care Clinic; and ten, didactic sessions learning proper case selection, facial dysmorphia concerns, treatment planning, incremental desensitization and case coordination. Pass/Fail, F not in GPA

DBEB 4111 Introduction to Minimally Invasive Prosthodontics: Resin Bonded Fix Partial Dent (0.5 Credits)

This elective is designed to teach students to evaluate the factors that create a nice restoration, utilizing minimally invasive prosthodontics techniques. The evolution of minimalistic restorations will be presented and avoiding problems with each technique will be discussed. Clinical situations will be presented for discussion, analog and digital techniques will be compared, and the student will have the opportunity to prepare one, anterior minimalistic restoration—analog or digital. Pass/Fail, F not in GPA

DBEB 4210 Introduction to Dental Sleep Medicine (0.5 Credits)

Students will learn about Sleep Related Breathing Disorders (SRBD) and its effect on the quality of life: its effect on oral health and overall health. Students also learn about pathophysiology, risk factors, comorbidities, and what key anatomical structures to look for during examination in order to be able to screen and recognize SRBD, including Obstructive Sleep Apnea. Students will learn about the role of a dentist in screening and referring of patients for further evaluation; and treatment modalities, including Oral Appliance Therapy, and its mechanism on opening the pharyngeal airway. Pass/Fail

DBEB 4212 Head and Neck Interprofessional Oncology (0.5 Credits)

The goal of this course is for the dental student to receive clinically enriching experiences in diagnosis, treatment planning, and management of patients with head and neck malignancies and be involved in contemplative discussions with faculty from UTHealth Houston Schools of Dentistry and Medicine. The student will join a multidisciplinary team that includes surgical oncologists, physical medicine specialists, audiologists, and speech therapists, and will be expected to have an active, point-of-care role in providing dental information to cancer patients. Pass/Fail, F not in GPA

DBEB 4605 Clerkship-Honors in Prosthodontics (1 Credit)

Selected students will be exposed to an advanced level of prosthodontic care and will be required to document a patient's complete treatment, concluding with a case presentation to the department faculty, residents, and fellow honor students. Students will be introduced to clinical teaching and the possibility of advanced training in prosthodontics. Pass/Fail

DBEB 4712 Advanced Oral Surgery Honors (2 Credits)

Selected students will be given the opportunity to perform more complex dentoalveolar surgery procedures, develop skills using a surgical handpiece, and be exposed to parenteral sedation techniques under the supervision of oral surgery attending faculty. The course is intended to allow dental students interested in the specialty of oral and maxillofacial surgery to gain clinical experience performing more complex dentoalveolar surgery to include third molars. Pass/Fail

DBEB 4714 Mosaic Global Service in Vulnerable Patient Care (1.5 Credits)

In this course, we focus on three common student activities for global health learning in dental education: service learning, didactic learning, and experiential learning. This elective course provides second-year through fourth-year dental students and second-year dental hygiene students with an introduction to global service learning utilizing the resources of the global learning kit from Harvard School of Dental Medicine. Pass/Fail, F not in GPA

DBEB 4802 Introduction to Clear Aligner Treatment (1 Credit)

This elective provides fourth year dental students with an introduction to orthodontics clear aligner treatment, with emphasis on Invisalign®. Students will spend sixteen hours in both didactic and laboratory settings learning proper case selection, biomechanics of aligner treatment, software manipulation, and patient management and treatment with clear aligners. Pass/Fail, F not in GPA

DBEB 5001 Table Clinic (0.5-2 Credits)

Student driven research directed by faculty members. Pass/Fail

DBEB 5003 Investigative Research (1.5 Credits)

This course is designed for students who want to work on Dental, Oral, and Craniofacial (DOC) health-related research projects with UTSD faculty in the Fall Semester. The student will learn fundamental research skills in conducting experiments, analyzing data, scientific writing, and presentations. Pass/Fail

DBEB 5004 Special Projects (0.5-2 Credits)

Students will complete a project with oversight and approval by faculty. Pass/Fail

DBEB 5007 Beyond Silos: The Art of Observation (0.5 Credits)

Health science students may improve their skills of observation in a safe environment by first looking at art, translating into enhanced skills when observing medical and dental photographs, virtual scenarios, and in caring for the whole patient. In collaboration with the Museum of Fine Arts Houston, the UT Medical School, and School of Dentistry, students can spend three evenings (5:30-7:30 PM) at the MFAH enhancing observation and communication skills. Under the direction of experienced art educators and UT faculty, students experience a unique learning opportunity. Pass/Fail

DBEB 5008 Beyond Silos: Ethics, Historical Lesson (0.5 Credits)

This online and interprofessional course will explore ethics through the perspective of historical case studies and movies. Events in history will be analyzed for the role of health care providers and policy makers in acts that in retrospect many of us question the ethics of the people involved. Examples include the government's response to infectious diseases, such as AIDS and leprosy; informed consent and research integrity, as in the Tuskegee experiment; as well as genocide during the Holocaust and in Rwanda. The course will focus on exploring the lessons we can learn from history as we confront today's challenges. Pass/Fail

DBEB 5111 Dental Insurance Management in Private Practice (0.5 Credits)

This elective will serve to provide students a foundation of managing dental insurance as they enter private practice as either an associate dentist or practice owner. Accurate and ethical coding and billing will be emphasized. A working knowledge of dental insurance will also allow students to accurately evaluate the financial implications of plan participation. Pass/Fail

DBEB 5112 Advanced Dental Insurance Management in Private Practice (0.5 Credits)

This elective will provide students with a more detailed understanding of the role of insurance and the financial implications in a variety of practice styles, including private practice, DSO's, and corporate dentistry. There will be discussions of ethical dilemmas, contracts, staff training, and real-world insurance considerations designed to prepare students for life after dental school. Pass/Fail, F not in GPA

DBEB 5201 Special Project in Educational Research (1 Credit)

Prior to instructor approval of enrollment in this elective, students must submit a well-designed protocol for an educational research study. Students will conduct the research study during the academic year, culminating in the evaluation of the study and public presentation of the findings. Pass/Fail

DBEB 5203 Dental Fitness (0.5 Credits)

This elective is designed to stress the importance of taking care of the individual's body as it is subject to the rigors of performing four-handed dentistry. It will cover principles of how stressors occur; ergonomic preventive guidelines; strength, flexibility and conditioning techniques; and how to take care of the individual for a lifetime of practice. Current evidence-based studies will be part of the elective, along with accepted training principles. Pass/Fail, F not in GPA

DBEB 5205 Humanities and Ethics: Sacred Sites (1 Credit)

This course will introduce students to various religions of Houston and Harris County. By visiting places of worship and interacting with faith members, the topic of faith and impacts on health will be addressed. Religions that have been covered in the course in the past include Christianity, Islam, Hinduism, Judaism, Buddhism and Bahaiism. Each two-hour, place-of-worship site visit includes discussion with a religious leader. Pass/Fail, F not in GPA

DBEB 5908 Evaluation and Presentation of Scientific Research (1 Credit)

This elective is available to all dental students who desire to improve their oral presentation skills and knowledge about current research in a stimulating and critical-thinking environment. Students who participate in this elective will orally present scientific articles (40-45 minutes) or their own research results if they have sufficient data, including background information from published studies. Presenters will explain the strengths and weaknesses of their data and the rationale for their approach. Pass/Fail

DBEB 6801 Clinical Specialty Clerkship Honors in Pediatrics (1.5 Credits)

This elective is directed toward students who have a strong interest in pursuing a career in pediatric dentistry upon graduation and allows the student to further their knowledge in the field, gaining a broader perspective and more detailed knowledge of pediatrics. Pass/Fail, F not in GPA

DBEB 7115 Pediatric San Jose Clinic (0.5 Credits)

Students under Pediatric Dentistry faculty supervision will perform appropriate dental treatment for the San Jose Clinic pediatric patients. San Jose Clinic is a non-profit community-based, dental clinic with 13 chairs in downtown Houston. Students provide their own transportation. Pass/Fail

DBEB 7203 CAD/CAM Super User (0.5 Credits)

Faculty select students from each group practice for this CAD/CAM Super User Elective. This hands-on elective will serve as a training course for the users to develop their digital dentistry skills and allow them to troubleshoot difficult, clinical cases. The hands-on portion will cover scan and design of fixed restorations, evaluation and modification of designs, and design of occlusal guards and wax-ups. Pass/Fail, F not in GPA

DBEB 7204 Advanced Digital Dentistry (0.5 Credits)

Students will learn about advanced digital dentistry software that can be applied to clinical practice. This elective will teach the newest, digital dentistry methodologies. Lectures covering 3D-printing, digital smile design, and wax-ups are followed by demonstrations of the 3D printing process and a project. Pass/Fail, F not in GPA

DBEB 7208 Urgent Care (1 Credit)

Students, under faculty supervision, will perform appropriate dental treatment for Urgent Care. Pass/Fail

DBEB 7211 Looking at Dentistry in Shades of Gray (0.5 Credits)

In this elective, students address ethical issues of confidentiality, access to care, and the methods of informing patients through advertising, financial arrangements, and verbal or signed consent. Students will discuss ethical, decision-making that involves judging and deciding when there is an obligation to treat or a valid reason not to treat. Pass/Fail

DBEB 7603 Intellectual Disability Collaborative OH Nursing Care (1 Credit)

This elective course aims to provide the dental student with an introduction to the treatment needs of adults with intellectual disabilities and the importance of an integrated care plan with physicians and nurses. Students will have 10, one-hour didactic sessions learning proper case selection, collaborative treatment planning, and care coordination with nursing students, as well as two, three-hour sessions in a choice of four clinical settings. Pass/Fail, F not in GPA

DBEB 7706 Advanced Education in General Dentistry (1.5 Credits)

Students will sign up for one full week (Monday-Friday) with the Advanced Education in General Dentistry (AEGD) Residency Program outside of the Fall or Spring Semesters and Summer Session. Students will observe and assist AEGD residents in clinical patient care activities. Attend all seminars and conferences. Treat dental emergency patients presenting to AEGD dental clinic under direct faculty supervision. Pass/Fail