

DDS SPRING (DENS)

Course descriptions in school catalogs and the Course Search (<https://catalog.uth.edu/course-search/>) are correct at the time of publication. See myUTH (<https://uthidp.uth.edu/nidp/saml2/sso/?id=Campus-Affiliate-LOA2-DUO&sid=0&option=credential&sid=0>) for more recent course information and to register for courses.

DENS 1502 Gross Anatomy (4.5 Credits)

The course will be lecture and dissection of the head and neck region with an emphasis upon the acquisition of critical knowledge for a practicing dentist. Course Fee \$500. 0-100 (DENT) Begin 2001D

DENS 1512 Head and Neck Anatomy (4 Credits)

Upon completion of this course, the student should know the structures and arrangement of the human head and neck in detail and the general scheme of whole-body anatomy. The student will have received all the gross anatomical instruction necessary for the national board examination and for the practice of general dentistry. 0-100 (DENT) Begin 2001D Course fee: \$500.00

DENS 1513 Human Biology (4 Credits)

This course integrates the anatomy, histology, and physiology of the major system of the human body and how these topics interrelate in a healthy individual. 0-100 (DENT) Begin 2001D

DENS 1514 Oral Biology II (2 Credits)

This course provides in-depth information on oral histology and the temporomandibular joint. 0-100 (DENT) Begin 2001D

DENS 1544 Clinical Applications II (2.5 Credits)

The course is designed to be a small group learning opportunity for students to correlate topics presented in Head and Neck Anatomy, Neurosciences, Human Biology and Oral Biology II as well as other dental courses, through case-based discussions and projects. 0-100 (DENT) Begin 2001D

DENS 1624 Practice Management I (0.5 Credits)

Practice Management I is designed to begin the educational process of the student in business concepts and definitions related to dentistry. This course includes an introduction to the principles and practices of personal finance, and allows the student to begin to create his/her individually customized strategic plan for a successful career in dentistry. 0-100 (DENT) Begin 2001D

DENS 1652 Foundational Skills for Clinic II (1 Credit)

Students will continue to build on the concepts learned in Foundational Skills for Clinic I course. 0-100 (DENT) Begin 2001D

DENS 1672 Biomaterials I (1.5 Credits)

This course provides an applied science foundation for understanding important physical, chemical, and mechanical properties of dental materials. The effects of composition and manipulation on the properties and clinical success of selected dental materials will be emphasized. Appropriate biological properties will be described. Laboratory sessions are designed to familiarize the student with the handling of dental materials that will be used in the UTSD preclinical laboratories and clinics, as well as in their eventual professional practice. Upon successful completion of this course, the student will know how the composition and manipulation of selected dental materials affect their properties and clinical success. 0-100 (DENT) Begin 2001D

DENS 2706 Oral Diseases (4 Credits)

The course is designed to present a comprehensive background on a wide variety of diseases that affect the oral and maxillofacial regions. Information necessary to identify and manage disease in a private practice setting will be provided. Case-based discussions will support didactic instruction. 0-100 (DENT) Begin 2001D

DENS 2801 Preclinical Oral & Maxillofacial Surgery (1 Credit)

This preclinical course introduces students to oral and maxillofacial surgery and prepares them for clinical experience with dentoalveolar surgery. Students will have the opportunity to learn to thoroughly assess patients and to effectively diagnose and treat basic oral surgical problems encountered in general practice. Students are exposed to the basic principles of surgery, especially oral surgery. This course emphasizes the concepts of patient management: medical and dental history taking, review of systems, tissue handling, and wound repair. Students learn basic surgical principles associated with uncomplicated and complicated exodontia, soft tissue mucoperiosteal flap design, aseptic technique, and surgical armamentarium. Other areas of emphasis include assessing the importance of vital signs and assessing bleeding disorders as they relate to the surgical patient. The informed consent process and medicolegal issues are presented in the context of the clinician's duty and responsibility as it relates to standard of care issues and the surgery patient. This course also teaches students to develop an organization of thought in patient/case presentation. 0-100 (DENT) Begin 2001D

DENS 2804 Essentials in Medicine I (3 Credits)

The course is design to prepare students to recognize the physical signs of systemic disease while learning the essential techniques of medical history and physical. Students learn to collect adequate information of factual information, correlate and analyze clinical and radiographic findings, establish a differential diagnosis and develop a dental management plan based upon the patient's treatment needs. Pathology, pathophysiology, medical pharmacology, and dental management are emphasized. A practical application component will be provided. 0-100 (DENT) Begin 2001D

DENS 2915 Implantology I (1.5 Credits)

This course introduces the student to the clinical and laboratory aspects of placing and restoring dental implants for a two-implant assisted overdenture and a single-implant retained crown. The course will expand the student's knowledge and understanding of treatment planning for endosseous implants and provide hands-on training in the fabrication of an implant stent, surgical placement of implants, selection and placement of abutments, pickup of overdenture attachments and fabrication of a provisional restoration. 0-100 (DENT) Begin 2001D

DENS 2936 Behav Context-Dent Patient Mgmt (1 Credit)

This course familiarizes students with the behavioral science aspects of dental patient management. This course attempts to create an awareness of the unique developmental and behavioral facets of the dental patient at each stage of the life span, and to provide the student with the basic knowledge necessary to understand human behavior as it applies to the practice of dentistry. Behavioral concepts covered include cognitive and psychosocial development, aging and ageism, verbal and nonverbal communication, behavior management, stress and coping; pain, anxiety management, and smoking cessation. Pass/Fail

DENS 2961 Growth & Development (0.5 Credits)

This course introduces students to the basic concepts in physical growth and development. Information on physical growth and dental development is presented sequentially beginning with prenatal growth and extending into adult life where developmental changes continue at a slower pace. Students are introduced to basic concepts of postnatal human growth and development, to the nature of craniofacial growth, and to the theories of craniofacial growth. The etiology of malocclusion and the special developmental problems of children with malocclusion and dentofacial deformity are considered in some detail. Students should learn the basic techniques in the assessment of the developing child using four separate analyses: cephalometric, facial form, space, and hand/wrist analyses. Students should learn the skills necessary to evaluate and to suggest treatment plans for a number of frequently encountered clinical problems of children. 0-100 (DENT) Begin 2001D

DENS 2964 Pediatric Dentistry II: Treatment Concepts (1 Credit)

This course discusses diagnosis and treatment planning for the pediatric population's dental needs. Students will learn different diagnostic methods (including assessment, clinical examination, and radiographic examination), treatment planning options, (including indications and contraindications of restorative treatment, pulpal therapy, and space maintenance), and pharmacologic management of pain/infection in the pediatric population. This course should prepare students to become competent in the formulation of a comprehensive treatment plan for children. The didactic information obtained in this course will supplement the laboratory course, DEPS 2965. 0-100 (DENT) Begin 2001D

DENS 3622 Practice Management III (1 Credit)

This course presents the skills necessary for business management as part of a successful general dentistry practice. The course is designed as a capstone for Practice Management, as it seeks to synthesize and apply knowledge learned. 0-100 (DENT) Begin 2001D

DENS 3705 Oral Oncology (0.5 Credits)

This course enables students to recognize and manage head and neck oral cancer, make appropriate referrals, and manage the oral complications secondary to cancer treatment. 0-100 (DENT) Begin 2001D

DENS 3711 Endo III: Advanced Endodontics (1 Credit)

This course enables students to diagnose the need for and describe the endodontic treatment related to assessment of difficulty factors; traumatic injuries to teeth, including vital pulp exposures; root resorption; endodontic-periodontic relationships; surgical endodontics; pain and anxiety management; antibiotics, analgesics, and bleaching of vital and pulpless teeth; pediatric-endodontics; post-endodontic restorations, and case difficulty assessment; endodontic failures/retreatment; and geriatric endodontics. Additional clinical scenarios are also presented in this course. 0-100 (DENT) Begin 2001D

DENS 3723 Advanced Periodontics (1 Credit)

This course is designed to bring together concepts presented to students in previous courses in Periodontics. This course will focus on clinical application of these concepts in a case-based approach. The students will be required to make judgments when faced with clinical situations requiring integration of biomedical and clinical periodontics to deliver quality care to the patient. 0-100 (DENT) Begin 2001D

DENS 3806 Implant II: Treatment Planning (0.5 Credits)

This course exposes students to the complexities of implant case treatment planning and the decision-making process relative to conventional prosthodontics and implant supported prosthetics. This course will present multiple case scenarios. Topics of discussion include: how a case is assessed or "worked up," rationales for conventional or implant supported prosthetic restoration, decision-making regarding the selection of an implant system, the number of implants required and cost/time to completion considerations, rationales and uses for hard and soft tissue grafting, and post-restoration maintenance. 0-100 (DENT) Begin 2001D

DENS 3809 Essentials in Medicine III (2 Credits)

This is the capstone course in the Essentials in Medicine course series. In this course, the students will be challenged with medically complex patient cases through discussion, analysis and applications of relevant principles of medicine and therapeutics presented in Essentials I and II. 0-100 (DENT) Begin 2001D

DENS 3902 Implant Prosthodontics (1 Credit)

This course is a continuum of the ongoing Prosthodontic series of courses. The course is organized to provide an overview of Occlusion, Fixed Prosthodontics, Removable Prosthodontics, and Implant restorations. An important component of this course is the presentation of several case-based studies and clinical scenarios that involve diagnosis and treatment planning. These cases have been developed to challenge the student to investigate, analyze, justify, and objectively evaluate the outcomes of the proposed treatment plans. 0-100 (DENT) STOP USING

DENS 3902 Advanced Prosthodontics (1 Credit)

This course is a continuum of the ongoing Prosthodontic series of courses. The course is organized to provide an overview of Occlusion, Fixed Prosthodontics, Removable Prosthodontics, and Implant restorations. An important component of this course is the presentation of several case-based studies and clinical scenarios that involve diagnosis and treatment planning. These cases have been developed to challenge the student to investigate, analyze, justify, and objectively evaluate the outcomes of the proposed treatment plans. Pass/Fail

DENS 3932 Dental Public Health (1 Credit)

This course exposes students to the various processes important to the provision of dental care to the individual and the community, emerging non-traditional forms of private practice, and basic concepts of dental public health. Students gain knowledge of the principles of dental public health, various forms of financing of dental care, as well as different oral health care systems. 0-100 (DENT) Begin 2001D

DENS 3991 Integrated Board Review (1 Credit)

This course is not to teach new content, but to review information and develop critical thinking and problem-solving skills to help maximize student performance on the Integrated National Board Dental Examination. This course should not be considered a substitute for individual student preparation to take the National Board Dental Examination. Pass/Fail

DENS 4541 Emergency Procedures II (0 Credits)

This course brings together all of the individual medical emergency procedures presented in courses throughout the student's dental education. It is meant to serve as a method for understanding their use in the clinical situation, to develop a greater sense of confidence in their application, and provide "hands on" practice. Pass/Fail

DENS 4622 Laws and Regulations Affecting Dentistry (0.5 Credits)

This seminar series enables students to comply with the requirements of the various regulatory agencies associated with the practice of dentistry.

In particular, students should have the opportunity to gain sufficient understanding of the Occupations Code - Title 1, Title 2, Title 3 (Texas Dental Practice Act) /Rules and Regulations to ultimately pass the jurisprudence exam administered by the Texas State Board of Dental Examiners. Pass/Fail