

DDS SPRING (DENS)

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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 greatest amount of time and detail are directed toward the study of head and neck Anatomy using plastinated models. 0-100 (DENT) Begin 2001D Course fee: \$500

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, Oral Biology II, and 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 begins the educational process of the student in business concepts, and includes an introduction to the principles and practices of personal finance, allowing 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. 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. 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 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. 0-100 (DENT) Begin 2001D

DENS 2804 Essentials in Medicine I (3 Credits)

The course is designed to prepare students to recognize the physical signs of systemic disease, while learning the essential techniques of obtaining a medical history and physical examination. 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. 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. 0-100 (DENT) Begin 2001D

DENS 2961 Growth & Development (0.5 Credits)

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. 0-100 (DENT) Begin 2001D

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

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 for the pediatric population. 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 3706 Differential Diagnosis-Soft Tissue (1 Credit)

This course assists students in establishing a differential diagnosis for soft tissue pathoses occurring in the oral and paroral regions. This course is designed to present an orderly and sequential approach to the formulation of a working diagnosis. This involves learning the classification system of lesions, the characteristic features of these lesions, the relative incidence of these conditions, and the gender, age, anatomical site, and ethnic predilection of patients. Students learn to describe the characteristics of the more common oral and head and neck lesions. In addition, students provide at least three reasonable differential diagnoses for each lesion based on clinical description, symptomatology, and epidemiological data. Students also learn to formulate an appropriate treatment plan derived from the working diagnosis. 0-100 (DENT) Begin 2001D

DENS 3707 Differential Diagnosis-Hard Tissue (1 Credit)

This course assists students in establishing a working diagnosis based on the radiographic findings of patients affected by lesions or conditions involving the teeth, jaws, and adjacent oral anatomy. This course is designed to present an orderly and sequential approach to the formulation of a radiographic differential diagnosis. A differential diagnosis is obtained by including or excluding certain lesions or conditions based on their radiographic manifestations and clinical presentation. When coordinated with a patient's history and other pertinent clinical and laboratory data, a working diagnosis usually can be established. In many instances a biopsy and/or surgical treatment may be indicated. 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. 0-100 (DENT) Begin 2001D

DENS 3723 Advanced Periodontics (1 Credit)

This course is designed to bring together concepts presented to student in previous courses in Periodontics. This course will focus on clinical application of these concepts in a case-based approach. 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. 0-100 (DENT) Begin 2001D

DENS 3902 Advanced Prosthodontics (1 Credit)

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 clinical scenarios developed to challenge the student to investigate, analyze, justify, and objectively evaluate the outcomes of the proposed treatment plans. 0-100 (DENT) Begin 2001D

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 medical emergency procedures presented in courses throughout the student's dental education and serves as a method for understanding their use in the clinical situation. 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