

CDS

Conjoint Dental Science

CDS 611 CHILD GROWTH AND DEVELOPMENT PART I. (2)

A seminar course on nature and physiologic control of physical growth, for graduate students in dentistry. Prereq: Admission to a graduate program of the College of Dentistry; D.D.S. or D.M.D. degree.

CDS 612 CHILD GROWTH AND DEVELOPMENT PART II. (2)

A seminar course for graduate students in dentistry covering emotional and intellectual growth of children, and diseases and congenital anomalies of children. Prereq: Admission to graduate program of the College of Dentistry; D.D.S. or D.M.D. degree.

CDS 613 CONTEMPORARY LEADERSHIP IN DENTISTRY. (1)

The course will explore the current leadership dilemma in the health professions (specifically). The purpose is to prompt the extension of the role of oral health professionals to serve as leaders who engage a richer “public good” agenda as part of their role as doctor/teacher. The course will concentrate on important issues such as leadership development and theories of leadership; team building; personality preferences and leadership; peer assessment; transformational and transactional leadership; stress management; leading change; negotiation; and giving and receiving feedback. Prereq: Enrollment in one of the College of Dentistry’s post-doctoral programs.

CDS 631 DIAGNOSIS AND MANAGEMENT OF TEMPOROMANDIBULAR DISORDERS AND OROFACIAL PAIN. (1)

This course provides information regarding the normal anatomy and function of the masticatory system and then highlights some of the common disorders related to dysfunction of this system. Emphasis is placed on temporomandibular disorders and how they are identified and management in the clinical practice. Other disorders associated with orofacial pain complaints will be discussed so that students are able to identify these conditions and successfully manage them or refer the patient to the appropriate health care provider. Prereq: Admission to dental graduate program; D.D.S. or D.M.D. degree.

CDS 660 RESEARCH DESIGN, METHODS AND DISSEMINATION. (2)

This lecture/seminar course is designed to provide students with an overview of the basic principles of study design and protocol development, with a focus on clinical and translational research. It also is designed to expose students to the interplay between patient care and clinical/translational research and to provide the students with tools that will assist them in dissemination of their research findings. Prereq: Admission to dental graduate program.

CDS 670 ADVANCES IN ORAL AND MAXILLOFACIAL PATHOLOGY. (1)

This course consists of 16 hours of lecture on the major disease topics in Oral and Maxillofacial Pathology including oral mucosal, salivary gland and bone pathology. Current classifications of these major categories will be presented and selected topics of current importance will be discussed. Prereq: Admission to dental graduate program.

CDS 680 CLINICAL MEDICINE FOR POSTGRADUATE DENTAL STUDENTS. (2)

This course is designed to provide graduate students and dental residents with an advanced understanding of how various medical disorders and medical therapies can affect oral health and the delivery of dental care. Prereq: Admission to dental graduate program.

CDS 748 MASTER’S THESIS RESEARCH. (0)

Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.

CDS 768 RESIDENCE CREDIT FOR THE MASTER’S DEGREE. (1-6)

May be repeated to a maximum of 12 hours.

CDS 812 NORMAL HUMAN GROWTH AND DEVELOPMENT. (1)

This is a lecture course which introduces basic concepts of normal human growth and development from birth through adolescence. Lectures emphasize the time-dependent changes that normally occur during physical and psychological maturation. A special emphasis is directed toward basic knowledge and understanding of craniofacial growth and development of the teeth and occlusion. Prereq: Admission to the College of Dentistry or consent of course director.

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***CDS 813 MANAGEMENT I: INTRODUCTION TO MANAGEMENT FOR THE DENTIST. (1)**

This is the first in a series of conjoint courses to improve the management of patients by student dentists. The course is co-directed by the patient care Team Leaders. Special didactic and clinical activities are included to provide the student with an introduction to clinical protocol and to the fundamentals of patient management. The course spans both semesters of the academic year, and includes all clinical activities and interactions with Team Leaders. Prereq: Admission to the College of Dentistry.

CDS 815 INTRODUCTION TO CLINICAL DENTISTRY. (3)

This survey course presents an introduction to the dental field of operation (operatory), basic assisting procedures, preventive dentistry, infection control, application of sealants and oral isolation techniques. It is designed to prepare students to function in dental environments, safely and efficiently and to prepare them for the school-based sealant experience offered in CDE 815, Fundamentals of Dental Public Health. Prereq: Admission to the College of Dentistry or consent of the course director.

CDS 816 THE PROFESSION OF DENTISTRY. (1)

This course is an introduction to life in the profession of dentistry. The course will explore normal everyday morality, and consider whether a case can be made for an extraordinary morality or ethic for practitioners. The course will conclude with a brief review of the history of dentistry to enable the student to place the profession of dentistry in cultural and historical perspective. Prereq: Admission to the College of Dentistry.

CDS 818 THE PROFESSION OF DENTISTRY I. (1)

This course is an introduction to life in the profession of dentistry. The course will explore normal everyday morality, and consider whether a case can be made for an extraordinary morality or ethic for practitioners. The course will conclude with a brief review of the history of dentistry to enable the student to place the profession of dentistry in cultural and historical perspective. Prereq: Admission to the College of Dentistry or consent of Course Director.

CDS 819 SPECIAL TOPICS IN DENTISTRY I. (1)

This course is the first year of the two year longitudinal core curriculum in Interprofessional Healthcare Education. The purpose of this first-year course is to present current information on a wide variety of topics ranging from interprofessional collaborative care, culture and society, minority health issues, gender and age as factors in health care, alcohol and substance abuse, evidence-based practice and decision-making, the connection between a healthy work-life balance and being a successful practitioner, and the use of mindful meditation practices for maintaining a work-life balance, along with other subjects of relevance to students enrolled in the dental curriculum. In some cases, the course content applies directly to didactic and clinical courses in the curriculum. At other times, the material is intended to help students increase their success in the curriculum and become better caregivers. Seminar, 20 hours. Prereq: First year standing.

CDS 821 LOCAL ANESTHESIA. (1)

The action and dosage of local anesthetic agents used in dentistry are taught as are the proper injection techniques. The technique of venipuncture and administration of intravenous drugs are also included. Patient evaluation and emergency techniques for cardiac and respiratory resuscitation are reviewed. Prereq: ANA 534.

CDS 822 GERONTOLOGY/GERIATRIC DENTISTRY. (1)

This course is designed to help students gain an appreciation for the significant opportunities as well as challenges the aging population will bring to their oral health practice. This course will provide students basic knowledge and information in gerontology/geriatric dentistry. Prereq: Permission of course director.

CDS 823 MANAGEMENT II: CLINICAL PATIENT MANAGEMENT. (1)

CDS 823 is the second in a series of conjoint courses designed to improve the management of patients by student dentists. The course is directed by the patient care Team Leaders with other faculty. Special didactic and clinical activities are included to improve and maintain the students' ability to manage patients safely and efficiently. One of the primary goals of this course is to improve students' ability to interact with patients in an empathetic and professional manner. The course spans both semesters of the academic year and includes all clinical activities and interactions with Team Leaders. Prereq: CDS 813 or consent of course director.

CDS 824 ORAL DIAGNOSIS AND TREATMENT PLANNING. (1)

The purpose of this course is to prepare the student for clinical dentistry by presenting techniques of examination and diagnostic procedures that ultimately lead to diagnosis and treatment planning. Prereq: ODM 814 or consent of course director.

***CDS 828 PROFESSION OF DENTISTRY II. (1)**

This course focuses on ethical practice in clinical dentistry. In the life of a health-care clinician circumstances arise daily which are ethical in nature. The dentist, and the patient, must respond to these circumstances in ways that result in the best for all parties concerned. This course will explore the duties assumed by dentists in becoming a provider of oral health care for patients. In doing so, the major question to be addressed is, "How do dentists interact with their patients for the good of both?" Prereq: Approval of dean and/or his designee for academic affairs and the course director.

CDS 829 SPECIAL TOPICS IN DENTISTRY II. (1)

This course is the second year of the two year longitudinal core curriculum in Interprofessional HealthCare education. The course focuses primarily on team approaches to patient quality and safety and issues surrounding transitions in settings of patient care. Background information is presented through BlackBoard and students then meet in several interprofessional groups for discussions and completion of a group capstone project. There are also two required named lectures to attend and one session on Evidence Based Dentistry (EBD). Seminar, 16 hours. Prereq: CDS 819.

CDS 830 NEW DEVELOPMENTS IN DENTISTRY III. (1-2)

This course will cover selected new developments in dentistry or treat with added emphasis established dental skills and knowledge. The topics will be in such areas as the basic sciences, behavioral science, clinical dentistry, dental practice management, and community dentistry. When offered, this course will be required of third-year dental students. May be repeated to a maximum of four credits. Prereq: Third-year standing in the College of Dentistry; any course prerequisites will be announced.

***CDS 831 CONSCIOUS SEDATION. (1)**

This course is designed to teach and prepare the student dentist the principles of nitrous oxide-oxygen inhalation sedation and intravenous sedation in dentistry including a clinical training on venipuncture and intravenous drugs administration techniques. The management of emergencies associated with these techniques and an introduction to the principles of general anesthesia are also included. Prereq: CDS 821.

***CDS 833 MANAGEMENT III: CLINICAL PATIENT MANAGEMENT. (1)**

CDS 833 is the third in a series of conjoint courses to improve the management of patients by student dentists. The course is directed by the four patient care Team Leaders. Special didactic and clinical activities are included to improve and maintain the student dentist's ability to manage patients and provide care. The course spans both semesters of the academic year and includes all clinical activities and interactions with Team Leaders. Prereq: CDS 823.

CDS 835 DENTAL IMPLANTOLOGY. (2)

Dental implantology has become an integral part of dental services. This course contains information on patient centered criteria for implant services, surgical considerations, and prosthetically driven treatment results. The student will have the opportunity to familiarize him/herself with the components used in providing such treatment through a hands-on laboratory session. Prereq: Admission to College of Dentistry or discretion of course director.

CDS 836 DIAGNOSIS AND MANAGEMENT OF OROFACIAL PAIN. (3)

This course is designed to present information regarding the diagnosis and management of Orofacial Pain and Temporomandibular Disorders. The course will consist of a series of lectures and case presentations. The information provided in this course will allow the student to understand the dentist's role in managing complex orofacial pain problems. The area of temporomandibular disorders will be emphasized since the dentist plays a major role in managing these pain disorders. Prereq: ANA 534, OSG 820, and RSD 822.

CDS 838 THE PROFESSION OF DENTISTRY III. (1)

This course is an introduction to the issues of justice and how we define, appropriate, and ensure justice today. The ethical principle of justice is the touchstone for American law, and a vision for our judiciary system. While dentists, as members of society, comply with laws in a way common to all other citizens, they also have additional legal responsibilities which derive from the unique relationship dentist and dentists have with society generally and patient specifically. This course will explore the relationship of dentistry to society and attempt to explicate further the nature of professional responsibility. In so doing, the major question will be, "How do society and dentistry interact for the good of the public and the profession?" Prereq: Approval of dean and/or his designee for academic affairs and the course director.

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CDS 843 MANAGEMENT IV: CLINICAL PATIENT MANAGEMENT. (1)

CDS 843 is the fourth in a series of conjoint courses to improve the management of patients by student dentists. The course is directed by the patient care Team Leaders. Special didactic and clinical activities are also included to improve and maintain your ability to manage patients. The course spans both semesters of the academic year, including all clinical activities and interactions with Team Leaders. Prereq: CDS 833 or consent of course director.

CDS 844 DRUG MISUSE, ABUSE AND DEPENDENCY: WHAT DENTISTS NEED TO KNOW. (1)

This course is designed to provide new insights and understanding into prevention, recognition and treatment of patients with, and at risk for, drug misuse and abuse. The course enables dental students to understand addiction as primary, chronic and progressive disease and to demonstrate an understanding of the pharmacology, abuse potential, as well as the behavioral and physiological effects of the commonly abused drugs. Emphasis will be on increasing dental students skills and abilities to recognize the signs and symptoms of drug abuse; identify and manage patients at risk for drug problems; and become effective in providing successful care for drug dependent patients while minimizing their potential for relapse.

CDS 846 DIAGNOSIS AND MANAGEMENT OF OROFACIAL PAIN. (3)

This course will present information regarding the diagnosis and management of orofacial pain and temporomandibular disorders. The information provided in this course will allow the student to understand the dentist's role in managing complex orofacial pain problems. The area of temporomandibular disorders will be emphasized since the dentist plays a major role in managing these pain disorders. Prereq: ANA 534, OSG 820, and RSD 822.

CDS 860 SPECIAL TOPICS IN ORAL HEALTH. (1-3)

This course will engage students in a variety of activities including lectures, independent literature review and reading community-based projects, and individual or small group discussions to address current topics of special interest or concern in oral health. Projects and discussion areas for students participating in an interdisciplinary colloquium will be developed in conjunction with other health care providers. Prereq: Enrollment in the College of Dentistry; approval of the course director.

CDS 863 EXPLORING DENTAL TEACHING ELECTIVE. (1)

This course will provide dental students who have an interest in teaching an opportunity to learn about being a dental faculty member in a systematic way. This course will educate dental students on two main subjects: 1) Roles, responsibilities, and opportunities for dental educators in an academic institution, and 2) Effective teaching in the classroom and clinic. Lecture, 16 hours. Prereq: Open to all 4th year dental students. Open to 3rd year dental students with permission of the course director and the Academic Performance Committee.

CDS 865 FORENSIC ODONTOLOGY. (1)

Elective introductory course in forensic dentistry for fourth year dental students. Prereq: Must be fourth year dental student.

CDS 881 MAXILLOFACIAL DISEASE FOR THE HEALTH CARE PROFESSIONAL. (1)

Designed for motivated 4th year medical students who want to understand more about Hospice and Palliative Care. This rotation will present students with a multidisciplinary approach to caring for patients by working with doctors, nurses, home health care providers and chaplains. Prereq: MD 836/837 or consent of course director. (Same as SUR 875.)

CDS 885 ADVANCED DENTAL IMPLANTOLOGY ELECTIVE. (1)

Dental Implantology has become an integral part of dental services. This course contains information on patient centered criteria for advanced implant services, advanced surgical considerations, and advanced prosthetically driven treatment results. Additional topics include treatment planning for complex dental implant cases, mechanical and restorative complication related to implant dentistry, esthetic consideration for implant restorations, immediate implant placement and immediate provisionalization, and immediate/early loading protocols will be discussed. The student will have the opportunity to familiarize him/herself with multiple implant systems and multiple implant placement protocols. The student will have the opportunity to have literatures review on most current techniques and products. 12 hours Lecture, 8 hours Laboratory. Prereq: Successful completion of CDS 835.