

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 810 NEW DEVELOPMENTS IN DENTISTRY I. (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. Methods of instruction will vary, depending on topics. When offered, this course will be required of first-year dental students. May be repeated to a maximum of four credits. Prereq: First-year standing in the College of Dentistry; any course prerequisite will be announced.

CDS

Conjoint Dental Science

**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. Lecture, 22 hours. Prereq: Admission to the College of Dentistry or consent of course director.

**CDS 813 MANAGEMENT I: INTRODUCTION TO MANAGEMENT FOR THE DENTIST. (2)**

In this introductory course in management for the dentist, basic concepts will be presented which can be applied in the management of time, people, facilities and money. Instruction leading to certification in cardiopulmonary resuscitation is included. Lecture, 45 hours. Prereq: Admission to the College of Dentistry.

**CDS 815 INTRODUCTION TO CLINICAL AND COMMUNITY PRACTICE. (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. Lecture, 21 hours; lab, 20 hours; clinic, 16 hours. 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 819 SPECIAL TOPICS IN DENTISTRY. (1)**

This course will have first-year dental students consider important social, educational, and professional issues they will encounter during dental school and in their careers. The topics range from cultural diversity, professional and academic responsibility, sexual harassment awareness, minority health and related issues, to time management, personality type, and learning/teaching styles. Prereq: First year standing.

**CDS 820 NEW DEVELOPMENTS IN DENTISTRY. (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. Methods of instruction will vary, depending on topics. When offered, this course will be required of second-year dental students. May be repeated to a maximum of four credits. Prereq: Second-year standing in the College of Dentistry; any course prereqs will be announced.

**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. Lecture, six hours; self-instruction, 10 hours; clinic, five hours. Prereq: ANA 534; corequisite: OBI 822.

**\*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. Lecture, 17 hours. May be repeated to a maximum of two credits. Prereq: Permission of course director. (Same as GRN 720.)

**CDS 823 MANAGEMENT II: PATIENT COMMUNICATION. (1)**

The primary purpose of this course is to improve students' ability to interact with patients in an empathetic and professional manner. Proper management of all assigned patients is required. Instruction leading to recertification in cardiopulmonary resuscitation is provided. Lecture, 26 hours. Prereq: CDS 821 or consent of course director.

CDS

Conjoint Dental Science

**CDS 824 INTRODUCTION TO ORAL DIAGNOSIS AND TREATMENT PLANNING. (2)**

This course presents the rationale for the development of the University of Kentucky College of Dentistry Preliminary, Phase I and Phase II treatment plans and a method of critically evaluating treatment results. Basic UKCD clinical protocol is presented and discussed. Lecture, 25 hours. Prereq: CDS 815 or consent of course director.

**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 the principles of nitrous oxide-oxygen inhalation sedation and intravenous sedation in dentistry. The management of emergencies associated with these techniques and an introduction to the principles of general anesthesia are also included. Lecture, 21 hours; clinic, four hours. Prereq: CDS 821, OBI 824.

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

This course introduces the dental student to various special needs conditions and teaches the proper methods of physical management of special needs patients needed to provide dental care. Proper management of all assigned dental patients is required. Instruction leading to recertification in cardiopulmonary resuscitation is also included. Lecture, 26 hours; laboratory, 3 hours; clinic, 3 hours per term. 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. Lecture; 24 hours; laboratory, 12 hours. Prereq: Admission to College of Dentistry or discretion of course director.

**CDS 840 NEW DEVELOPMENTS IN DENTISTRY IV. (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. Methods of instruction will vary, depending on topics. When offered, this course will be required of fourth-year dental students. May be repeated to a maximum of four credits. Prereq: Fourth-year standing in the College of Dentistry; any course prerequisites will be announced.

**CDS 843 MANAGEMENT IV: GERIATRIC DENTISTRY. (2)**

Emphasis in this course is placed on developing abilities to make individual treatment decisions for elderly dental patients and acquiring positive attitudes towards the provision of oral health care to the aged. Students will make site visits to residential centers for the elderly. Proper management of all assigned dental patients and instruction leading to recertification in cardiopulmonary resuscitation are also included. Lecture, 23 hours; laboratory, 12 hours. Prereq: CDE 810 and 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 course will consist of lectures and one laboratory session. 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. Lecture, 29 hours; laboratory, 2 hours; clinic, 6 hours. Prereq: ANA 534, OBI 829, OSG 820, and RSD 822.