

RESTORATIVE DENTISTRY (DSRE)

DSRE 5001 - Introduction to Dentistry (0.1-5 Credits)

To introduce the beginning dental students to the program with an overview of dental concepts and procedures.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 5500 - Dental Anatomy (0.1-5 Credits)

Anatomical characteristics of the primary and permanent teeth in the human dentition, intra-arch relationships are considered in detail.

Grading Basis: Letter Grade

Typically Offered: Fall.

DSRE 5501 - Dental Anatomy Laboratory (0.1-5 Credits)

Waxing full crowns of each tooth type to correct anatomical form, emphasizing intra-arch relationships.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 5503 - Dental Materials 2 (0.1-5 Credits)

Course introduces materials used in the practice of dentistry. Their chemistry, physical properties, and biological interaction are discussed as well as their advantages, disadvantages, and methods of clinical use.

Grading Basis: Letter Grade with IP

Repeatable. Max Credits: 5.

Typically Offered: Summer.

DSRE 5504 - Dental Materials Science I (0.1-5 Credits)

Basic information about materials science includes physical, chemical, mechanical, and biological properties. This information provides the background for the study of specific materials used in dentistry.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 5508 - Indirect Single Tooth Restoration 1 (0.1-5 Credits)

This course in restorative dentistry teaches the treatment of lesions and defects of single teeth using indirect restorative principles and techniques. Cast gold is the restorative material taught in this course.

Grading Basis: Letter Grade with IP

Typically Offered: Summer.

DSRE 5520 - Introduction to Clinical Dentistry 1 (0.1-5 Credits)

Provide students with the foundational knowledge to learn/work in the school's clinical environment. Students will develop and demonstrate a competent understanding of HIPAA and the school's Infection Control rules/policies. Students will also develop an understanding of the role quality and safety in patient care and the use of axiUm.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 5521 - Introduction to Clinical Dentistry 2 (0.1-5 Credits)

This course will continue to prepare students for clinic. Topics covered provide a foundation for the practice of dentistry including Oral Health Literacy, Resiliency, Ergonomics and Training in 4-handed Dentistry including a Clinical Assist Session.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.

DSRE 5522 - Introduction to Clinical Dentistry 3 (0.1-5 Credits)

This course will continue to prepare students for the clinic. Topics covered include a review and testing of head/neck and intraoral anatomy knowledge, clinical application of this knowledge, an all-day 8 hour Kaplan NBDE Part I practice exam, 4 handed dentistry, clinical assist session and introduction to clinic.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Summer.

DSRE 6600 - Transition Clinic 1 (0.1-5 Credits)

This course will provide second year dental students with methods and techniques for diagnosis, treatment planning, and record keeping for general dental practice and will also serve as a platform to train students in the correct use of the Axiom software.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 6601 - Transition Clinic 2 (0.1-5 Credits)

Provide techniques for diagnosis, treatment planning and record keeping for general dental practice. Axiom software training. Perform simple oral diagnosis appointments, periodic oral evaluations and basic operative procedures. Students will be paired together rotating between assistant and operator.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.

DSRE 6602 - Transition Clinic 3 (0.1-5 Credits)

This is a follow on to T-Clinic 2. Students will be instructed how to complete very large amalgam and composite restorations, how to remove existing composite from natural teeth and other frequently encountered restorative issues that are seen in clinic. This will be a companion class to, but different from, previous operative courses.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Summer.

DSRE 6604 - Esthetic Dentistry (0.1-5 Credits)

This course is designed to present information to students about those clinical dentistry procedures or concepts which are performed primarily to enhance dental esthetics.

Grading Basis: Letter Grade with IP

Typically Offered: Summer.

DSRE 6606 - Indirect Single Tooth Restoration 2 (0.1-5 Credits)

Course teaches fundamental concepts, preparation, provisionalization, and restoration of single teeth with full gold crowns. Fundamental concepts, preparation and restoration of single teeth with cast gold onlays. Two onlay designs, a maxillary onlay design and a mandibular onlay design taught.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 6607 - Indirect Single Tooth Restoration 2 Laboratory (0.1-5 Credits)

Course provides practical simulated clinical experience in preparation, provisionalization, and restoration of single teeth with full gold crowns. Two onlay designs, a maxillary onlay design, and a mandibular onlay design are practiced.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 6609 - Treatment Planning (0.1-5 Credits)

Course will bridge the concepts learned in oral diagnosis, periodontics, restorative dentistry, radiology and transition clinic to help the students assimilate clinical information into clinically acceptable treatment plans that best meet patient needs. Department Consent Required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.

DSRE 6610 - Clinical Dental Materials (0.1-5 Credits)

This course integrates knowledge of dental materials with clinical dental practice.

Grading Basis: Letter Grade with IP

Repeatable. Max Credits: 5.

Typically Offered: Spring.

DSRE 6615 - Comprehensive Patient Care Clinic A (0.1-5 Credits)

An introductory clinic for dental students. Students will provide comprehensive dental care, refining technical skills, and learning patient management skills in a large group practice setting.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Summer.

DSRE 6617 - Occlusion Lecture (0.5-10 Credits)

The educational goal of this course is to teach the theory and indications for treating mandibular instability with devices and equilibration. The etiology, diagnosis and Treatment of occlusal trauma and mandibular dysfunction are introduced.

Grading Basis: Letter Grade with IP

Typically Offered: Spring.

DSRE 6618 - Occlusion Lab (0.5-10 Credits)

The laboratory portion of Occlusion Lecture, this course includes fabrication of various types of occlusal devices, equilibration exercise, and the proper mounting of study casts.

Grading Basis: Letter Grade with IP

Typically Offered: Spring.

DSRE 6645 - Cariology (0.1-5 Credits)

The course explores the etiology and microbiology of caries, patterns of disease progression, and approaches to prevention and treatment. Didactic instruction and clinical exercises will be offered in identifying caries and methods of detection.

Grading Basis: Letter Grade with IP

Repeatable. Max Credits: 5.

Typically Offered: Fall.

DSRE 7706 - Critical Appraisal of Translational Literature (0.1-5 Credits)

The purpose of this course is to develop proficiency in critical thinking and problem solving as it pertains to scientific inquiry and research methodology in translational research. Department consent required

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.

DSRE 7711 - Advanced and Digital Prosthodontics (0.1-5 Credits)

This course will address various Advance Prosthodontic topics; beginning with CAD/CAM dentistry and digital workflow, then removable partial denture designs, occlusal concepts, diagnosis and treatment planning, esthetics, and cementation for fixed prosthodontics restorations. Department consent required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.

DSRE 7712 - Implant Dentistry (0.1-5 Credits)

Concepts and applications of tissue integrated prostheses are presented and discussed. Topics include prosthetic techniques, diagnosis and treatment planning, analysis of current systems, qualifications and consent and clinical applications.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 7714 - Comp Pt Care Clinic B (0.6 Credits)

Grading Basis: Letter Grade

DSRE 7717 - Comprehensive Patient Care Clinic B (0.1-5 Credits)

Continuation of Comprehensive Patient Care Clinic A with additional emphasis on the treatment of pediatric, orthodontic, geriatric, and endodontics cases.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 7718 - Critical Thinking and Patient Care Seminar (0.1-5 Credits)

This course will provide the student with a practical application of the practice of evidence-based dentistry, critical thinking, formulation of clinical questions, critical appraisal of the literature and the translation of the biologic and social sciences to clinical patient care. Department consent required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 7719 - Comprehensive Patient Care Clinic C (0.1-5 Credits)

Comprehensive patient care activities with a focus on independence, student preparedness, technical skills, patient management and professionalism.

Grading Basis: Letter Grade with IP

Typically Offered: Spring.

DSRE 7721 - Comprehensive Patient Care Clinic D (0.1-5 Credits)

Continuation of Comprehensive Patient Care C with emphasis on effective practice management.

Grading Basis: Letter Grade with IP

Typically Offered: Summer.

DSRE 7935 - Treatment Planning and Case Presentation I (0.1-5 Credits)

Treatment planning concepts and presentation formats, focused on multidisciplinary approach, key tooth analysis, phased treatment plans and case presentation format and technique. Department consent required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 7936 - Treatment Planning and Case Presentation 2 (0.1-5 Credits)

Treatment planning concepts and presentation formats, focused on multidisciplinary approach, key tooth analysis, phased treatment plans and case presentation format and technique. Requisite: Department consent required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.

DSRE 8806 - Critical Appraisal of Translational Literature II (0.1-5 Credits)

The purpose of this course is to develop proficiency in critical thinking and problem solving as it pertains to scientific inquiry and research methodology in translational research. It provides a continued foundation for discussion of clinical events occurring in the student's clinical practice w/ emphasis on evidence-based dentistry. Department consent required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 8810 - Restorative Dentistry Advanced Clinical Training Service Seminar (0.1-5 Credits)

This seminar-type course is a broad discussion of advanced restorative techniques for complex prosthodontic rehabilitation or reconstruction cases. Specific topics such as aesthetics, TMJ considerations and materials application will be included.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall, Spring.

DSRE 8817 - Comprehensive Patient Care Clinic E (0.1-5 Credits)

Advanced comprehensive patient care including applied principles of practice management.

Grading Basis: Letter Grade with IP

Typically Offered: Fall.

DSRE 8827 - Comprehensive Patient Care Clinic F (0.1-13 Credits)

Continuation of advanced comprehensive patient care activities for DS 4 dental students not registered for Integrated Care Clinic Dentistry.

Grading Basis: Letter Grade with IP

Typically Offered: Spring.

DSRE 8837 - Comprehensive Patient Care Clinic G (0.1-15 Credits)

Continuation of advanced comprehensive patient care activities for DS 4 dental students not registered for Integrated Care Clinical Dentistry.

Grading Basis: Letter Grade with IP

Typically Offered: Summer.

DSRE 8945 - Treatment Planning and Case Presentation (0.1-5 Credits)

Treatment planning concepts and presentation formats, focused on multidisciplinary approach, key tooth analysis, phased treatment plans and case presentation format and technique. Department Consent Required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Fall.

DSRE 8946 - Treatment Planning and Case Presentation 4 (0.1-5 Credits)

Treatment planning concepts and presentation formats, focused on multidisciplinary approach, key tooth analysis, phased treatment plans and case presentation format and technique. Department Consent Required.

Grading Basis: Satisfactory/Unsatisfactory w/IP

Typically Offered: Spring.