

# DISEASE & RESTORATION OF HEALTH (DSRE)

---

## **DSRE 335. Clinical Pharmacology. 1.5 Unit.**

This course is designed to review general principles of pharmacology, provide evidence-based information on the therapeutic application of agents prescribed by oral healthcare providers and discuss the rationale for and clinical implications of other therapeutic agents prescribed to patients by other healthcare providers. Emphasis is placed on critical thinking in discussing the reciprocal influences of drug, patient, and procedure-related variable.

## **DSRE 370. Principles of Oral and Maxillofacial Surgery II. 1 Unit.**

This course is structured to help the student acquire a basic understanding of the advanced aspects of the specialty of oral and maxillofacial surgery and includes the process of diagnosis, surgical and adjunctive management of diseases, deformities and malformations of the oral cavity, jaws and associated structures.

## **DSRE 374. Fixed Prosthodontics. 1 Unit.**

The didactic portion of the course describes further development of principles and clinical applications introduced in REHE 259/260, Basic Procedures in Fixed Prosthodontics, with emphasis on diagnosis, treatment planning, clinical and laboratory procedures in fixed prosthodontics. Discussion and comprehensive overview of fundamentals and advanced methods of restoring function and esthetics for partially edentulous patients with fixed prostheses.

## **DSRE 391. Endodontics. 1 Unit.**

The didactic curriculum provides the major endodontic treatment information for this program. Specific subjects covered are diagnosis, pulp and periapical pathosis, radiology, pharmacology, anesthesia, pain management, emergency treatment, pulp treatment, trauma, mechanical innovations, apexification, bleaching, endodontic-periodontal complexities, preparation of endodontically treated teeth, and endodontic surgery, tooth-difficulty assessment and evidence based endodontics. The above information is designed to provide the student with a basic understanding of the field of endodontics.

## **DSRE 392. Nitrous Oxide and Conscious Sedation. .5 Unit.**

This course consists of lectures and inter-student nitrous oxide administration for the undergraduate dental student to become informed and trained in the safe and effective use of nitrous oxide-oxygen inhalation light conscious sedation. The student will also learn the pharmacology and clinical application of agents used for intravenous light and moderate conscious sedation in the control of pain and anxiety in dentistry.

## **DSRE 393. Principles of Oral and Maxillofacial Surgery I. 1 Unit.**

This didactic curriculum introduces the basic concepts of minor oral surgery relevant to the general dentist and also provides discussion on the following topics; medications used in oral surgery, management of the hospitalized patient, management of simple and complex odontogenic infections, management of complications in oral surgery, principles of diagnosis and treatment of facial trauma, and biopsy techniques in oral surgery.

## **DSRE 395. Introduction to Oral and Maxillofacial Surgery. .5 Unit.**

This didactic course is designed to prepare the student for oral surgery clinical rotations and is comprised of the following topics, review of local anesthesia, review of applied anatomy, infection control, patient assessment and case presentation, informed consent, oral surgical armamentarium, and principles of exodontia.

## **DSRE 396. Temporomandibular Disorders and Occlusion. 1 Unit.**

The National Academy of Science, Engineering, and Medicine, the Commission on Dental Accreditation, and the American Academy of Orofacial Pain recommend that all dentists and other health professionals need to understand the prevention, diagnosis, and management of temporomandibular disorders and orofacial pain. This clinically oriented course is designed to meet these recommendations and improve your care of these patients.