

# DENTAL DIAGNOSTIC AND SURGICAL (DDSS)

## DDSS 7010 Biology and Pathology of the Periodontium 6 cr

Selected topics in cell biology precedes a comprehensive and detailed survey of the periodontium, its constituent tissues and its function; the cell dynamics of inflammation and wound healing and the histopathology of the early and advanced periodontal lesion.

## DDSS 7030 Advanced Oral Radiology 1 cr

This course is proposed to accommodate the accreditation requirements of the Graduate Periodontal residency program, and to include other graduate level residents, due to the emerging three dimensional imaging being more utilized in the fields of dentistry.

## DDSS 7050 Oral Medicine and Oral Diagnosis 3 cr

This course provides the student, through clinical rotations, with the opportunity to enhance diagnostic and non-surgical management of oral pathologic conditions including mucosal and intrabony lesions, temporomandibular joint disorders, and oral manifestations of systemic disease in both otherwise healthy and medically compromised patients.

## DDSS 7120 Advanced Clinical Periodontics 4 cr

This seminar course will review contemporary clinical periodontics by considering assigned readings in current texts and review articles. This course is intended to assure that students have a comprehensive overview of conventional periodontal therapy early in their education.

## DDSS 7130 Occlusion 3 cr

A seminar series devoted to the diagnosis, treatment planning and management of patients with craniomandibular disorders.

## DDSS 7160 Basic Clinical Periodontics 2 cr

This course is given at the onset of the program to provide an opportunity to review the basic aspects of Periodontics. The lab component will review scaling and root planning techniques, instrumentation and oral hygiene aids to familiarize residents with North American amamentarium.

## DDSS 7210 Clinical Practice in Periodontics 18 cr

Designed to provide the clinical experience which is essential for specialty practice in Periodontics (circa 1600 hours).

## DDSS 7220 Essay/Research Project 0 cr

An essay/research project is required for each student. It is selected in consultation with, and approved by the department head. This course is graded pass/fail.

## DDSS 7230 Advanced Oral Pathology 6 cr

Common and/or significant oral and paraoral disorders, relevant to various dental specialties, are discussed using a seminar format. Recognition, description, etiopathogenesis, clinical and/or radiographic features, histopathologic findings, biologic behavior and management of such conditions are emphasized.

## DDSS 7240 Advanced Oral and Maxillofacial Surgery Seminar 1 3 cr

This course includes a thorough review of the applied scientific basis for the practice of oral and maxillofacial surgery and emphasizes surgical anatomy and pathology, diagnosis and technique. Instruction will be given by means of lectures, seminars, case presentations and a critical review of current literature. Year I.

## DDSS 7250 Clinical Advanced Oral and Maxillofacial Surgery 1 6 cr

The first year of hospital residency includes training in history taking and physical diagnosis; hospital protocols and ward procedure; minor oral surgery procedures and pain control techniques; operating room procedures and general in-patient care. Year I.

**DDSS 7260 Advanced Oral and Maxillofacial Surgery Seminar 2 3 cr**  
Lectures, seminars, case presentations and reviews of current literature will emphasize the state of current knowledge regarding the clinical practice of advanced oral and maxillofacial surgery. Year 2.

## DDSS 7270 Clinical Advanced Oral and Maxillofacial Surgery 2 6 cr

The second year of the hospital residency training program includes training in minor oral surgery, including dento-alveolar, pre-prosthetic surgery and implantology. It also provides an introduction to advanced oral and maxillofacial surgery and maxillofacial imaging. A rotation to Internal Medicine is included. Year II.

## DDSS 7280 Clinical Advanced Oral and Maxillofacial Surgery 3 6 cr

The third year of the hospital residency training program includes rotations in Anaesthesia, Internal Medicine, General and Plastic Surgery, Surgical Intensive Care and Emergency Room. It also includes training in advanced oral and maxillofacial surgery. An elective rotation may also be arranged. Year III.

## DDSS 7290 Clinical Advanced Oral and Maxillofacial Surgery 4 6 cr

The fourth year of the hospital residency training program is devoted to advanced oral and maxillofacial surgery. The student is designated chief resident and assumes a greater degree of responsibility in patient care and administrative activities. Year IV.

## DDSS 7300 Dental Implantology 3 cr

A seminar course devoted to providing an in-depth understanding of the basic and applied aspects of the placement of dental root form implants in humans. This course is a prerequisite to the actual surgical placement of implants undertaken in DDSS 7210.