

# ORAL DIAGNOSTIC SCIENCES (ORPT)

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## **ORPT 301. Dental Radiology. 1 Hour.**

Semester course; 1 lecture hour. 1 credit. This is an introductory course that covers radiation physics, radiation biology and geometrical principles as applied to radiology and radiographic anatomy. Students will study the radiographic anatomy of the head and neck and exposure and processing techniques for diagnostic radiographic examinations of the head and neck. Areas are covered with the intent to link these principles to the knowledge needed in clinical practice.

## **ORPT 324. Oral Pathology. 3 Hours.**

Semester course; 3 lecture hours. 3 credits. This course is designed to provide the student with a body of basic information on general and organ specific pathology. The purpose of the course is to enable the student to better recognize and interpret symptoms, signs and pathologic characteristics of organ, systemic and oral disease that will be encountered in practice. Included is study relating to the etiology, pathogenesis, prognosis, prevention and treatment of oral disease. Students will study the development, reactive and neoplastic conditions of the oral cavity with emphasis placed on the more commonly occurring diseases.

## **ORPT 540. Clinical Pathology Conference. 1 Hour.**

Semester course; seminar hours. 1 credit. Through this course, students develop advanced skills in the diagnosis and treatment of common oral pathologic findings.

## **ORPT 621. Dental Radiology. 1 Hour.**

Semester course; 1 lecture hour. 1 credit. Designed to provide the predoctoral dental student with an introduction to the theory, principles and techniques of diagnostic imaging and lay the groundwork for future studies in diagnostic interpretation.

## **ORPT 622. Oral Pathology. 3 Hours.**

Yearlong course; 3 lecture hours. 3 credits. A problem-solving/critical-thinking experience emphasizing the more common oral abnormalities. The soft tissue and osseous pathologic entities will be discussed individually as well as within differential diagnosis cluster. By the end of the course the student should, when presented with an abnormality, be able to establish a differential diagnosis, discuss the salient features and present a logical sequential approach to discovering the final diagnosis and management.

## **ORPT 700. Senior Selective in Oral Diagnostic Sciences. 1 Hour.**

Semester course; 50 clinical and 4 didactic hours. 1 credit. Prerequisites: D4 class status in good standing with above average grades in ORPT 621, ORPT 622, ORPT 732, and permission of the course director. This selective will allow the student to experience a variety of activities in oral and maxillofacial radiology, medicine, atypical facial pain and histopathology.

## **ORPT 701. D4 Selective in Forensic Dentistry. 1 Hour.**

Semester course; .5 lecture and 1.5 clinical hours. 1 credit. Enrollment restricted to students in the D.D.S. program as selected by the course director. This course will give selected students with an interest in expanding beyond the normal curriculum the opportunity to experience a variety of dental forensic activities, including working with the chief medical examiner's office in Richmond in the proper identification of unidentified bodies. Graded as Pass/Fail.

## **ORPT 732. Clinical Oral Pathology and Oral Medicine. 1 Hour.**

Semester course; 1 lecture hour. 1 credit. Designed to provide students with the knowledge to recognize, diagnose and treat the common diseases/conditions found in dental practice.

## **ORPT 737. Radiology Rotation. 1.5 Hour.**

1.5 year course; clinical contact hours. 1.5 credits earned following completion of both ORPT 737 and OPT 747. This three-semester progressive clinical science course prepares the predoctoral dental student to be a competent practitioner of oral and maxillofacial radiographic technique and diagnostic interpretation.

## **ORPT 747. Radiology Rotation. 1.5 Hour.**

1.5 year course; clinical contact hours. 1.5 credits earned following completion of both ORPT 737 and OPT 747. This three-semester progressive clinical science course prepares the predoctoral dental student to be a competent practitioner of oral and maxillofacial radiographic technique and diagnostic interpretation.