

Pathology Micro Biology

231 DDS Oral Pathology 1 1st semester Credit: 2 Hours

Course Description :

The course provides a basis for the clinical practice in which the students will be engaged during the coming years and after graduation. The students will gain sufficient knowledge to help them distinguish between oral tissues in health and disease, identify diseases of the teeth, periodontium, maxilla and mandible including the face, oral mucous membranes and associated soft tissues and orofacial manifestations of systemic diseases. The causes of the various diseases and the microscopic appearance of the developed lesions are emphasized. The underlying basic pathological principles are also stressed, in addition to the clinical appearance of the lesions, which is also studied to provide introductory basis for clinical differential diagnosis.

Course Director: Dr. Ahmed Qannam [DUC] and Dr. Manal AlSheddi [MUC].

153 DDS Oral Biology Credit: 3 Hours

Course Description:

251 MDS is a one-year course. It is given as a one hour lecture in the 1st semester and one lecture and one practical session in the 2nd semester of the same year.

Oral Biology course comprises instructions in the principles of oral anatomy and embryology, oral histology, and oral Physiology.

Course Director: Prof: Rita khounganian

232 DDS Oral Pathology 2 1st Semester Credit: 2 Hours

Course Description

This course is offered during the first half of the third year as a continuation of 231

MDS, which is taught during the second half of the second year. The course is offered as lectures, practical [microscopic] sessions and clinicopathologic conferences [CPC] arranged in such a way that the practical and the CPC sessions are correlated with the subject matter [topics] covered in the didactic lectures.

Course Director: Prof. R . Rajendran [DUC] and Dr.Dalal AlQahtani [MUC].

222 MAC General Microbiology and Immunology 1st Semester Credit: 3 Hours

Course Description

The course Microbiology for dental student is designed to provide and facilitate the learning in which the student can make acquaintance, both in a theoretical and practical context, with microorganisms as agents of human disease with relevance to dentistry. The major topics covered in this course will be:

1. Fundamentals of Immunology and Host-Parasite relationship.
2. Bacteria and Human Diseases caused by them.
3. Viruses and Human Diseases caused by them.
4. Fungi and Human Diseases caused by *Candida albicans*.
5. An Introduction to Oral Microbiology.

Course Director: Prof: Nasir Al Bagieh

421 MAC Clinical Microbiology 2nd Semester Credit: 1 Hour

Course Description

The constantly evolving flora of human infection, the recent researches in the aetiology of dental diseases, the advent of opportunistic and nosocomial infections, the newer and advanced diagnostic techniques and the varieties of currently available antibiotics, demand that the students keep abreast of contemporary advances in the field.

The oral microbiology course will specially emphasize and reinforce the earlier Microbiology 222 MAC course and other related basic biologic and clinical science disciplines with particular attention given to their meaningful correlation. The major topics covered in this course will be:

1. The primary oral infections including dental caries and periodontal disease.
2. Systemic infections with oral manifestations.
3. Infective diseases of occupational and personal concern.
4. Diagnostic, treatment and preventive aspect of these diseases.

Course Director: Prof: Nasir Al Bagieh