



| <b>Semester 1</b>                         |  |
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| <b>Course Title</b>                       | <b>Course Description</b>  |
| <b>Anatomy of the head and neck</b>       | This course provides dental students with a thorough understanding of head and neck anatomy with emphasis on function of different structures associated with the oral and maxillofacial region which have a great influence on oral health.   |
| <b>Microbiology and Basic Immunology</b>  | This course helps students to identify the most common oral pathogens in addition to basic immunology knowledge that handles the details of different immune mechanisms and their role in oral diseases. It also discusses the role of pathogens in spreading infection and how this can be used to structure infection control programs in the dental setting.  |
| <b>Oral and Maxillofacial Radiology I</b> | This course introduces basic principles of radiology and different techniques used in dentistry. Indications, contraindications and uses of each technique are also discussed. Additionally, it provides the student with necessary knowledge, skills and practice related to intra-oral and extra-oral radiography and radiological appearance of normal tissues to facilitate diagnosis of different oral lesions. |
| <b>Oral Medicine I</b>                    | This course aims to provide the student with knowledge and skills required to classify the oral ulcers and to describe the white and red lesions affecting the oral mucosa   |
| <b>Oral Diagnosis I</b>                   | This course aims to demonstrate the different techniques of clinical examination with detailed description of intra-oral examination and differential diagnosis of white and red lesions on each site of oral mucosa.  |
| <b>Oral Histology</b>                     | This course will provide the student with an introduction to oral soft and hard tissue histology.  |
| <b>Semester 2</b>                         |  |
| <b>Course Title</b>                       | <b>Course Description</b>  |
| <b>Oral Pathology</b>                     | This course will provide the student with knowledge and  |



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|  | skills necessary for reaching a definitive diagnosis through the microscopic picture of oral lesions and correlate it to the clinical data and radiographic picture of the different types of oral lesions.  |
| <b>Pharmacology</b>                          | This course helps students become acquainted with the most common drugs used in dentistry, their mode of delivery, mode of action, side effects and dosage. Moreover, it stresses on drugs interaction.  |
| <b>Oral and Maxillofacial Radiology II</b>   | This course helps the student to reach differential diagnosis of lesions in the head and neck area including oral lesions, salivary glands and TMJ. It also gives the student the knowledge and skills to interpret CBCT and MRI images of the oral lesions.   |
| <b>Oral Medicine II</b>                      | This course aims to provide the students with knowledge and skills required to acknowledge the TMJ disorders and occlusal abnormalities and to explain the orofacial pain.   |
| <b>Oral Diagnosis II</b>                     | This course aims to demonstrate lymph nodes examination with reference to the causes of cervical lymphadenopathy and to demonstrate detailed extra-oral examination including TMJ and masticatory muscles examination and to illustrate TMD  |
| <b>Oral Medicine and Diagnosis seminar I</b> | This course will allow the students to present the clinical cases they dealt with in the Oral Medicine clinics and discuss how they diagnose and manage them using knowledge and skills obtained from different courses and supported with Scientific References to achieve the goal of Evidence based Dentistry.    |
| <b>Oral Immunology</b>                       | This course provides the students with detailed knowledge about theories of autoimmunity, mucosal immune system, tolerance, and hypersensitivity reactions. Moreover, it discusses structure and function of major histocompatibility complex I and II in addition to their role in graft rejection and oral cancer. |



| <b>Semester 3</b>                             |   |
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| <b>Course Title</b>                           | <b>Course Description</b>   |
| <b>Oral Medicine III</b>                      | This course aims to provide the students with knowledge and skills required to understand the endocrine and to classify the oral pigmented lesions  |
| <b>Oral Diagnosis III</b>                     | This course aims to explain lab investigations for endocrine disorders and pigmented lesions  |
| <b>Oral Medicine and Diagnosis seminar II</b> | This course will allow the students to present the clinical cases they dealt with in the Oral Medicine clinics and discuss how they diagnose and manage them using knowledge and skills obtained from different courses and supported with Scientific References to achieve the goal of Evidence based Dentistry. |
| <b>Genetics</b>                               | This course provides the student with the basic knowledge regarding molecular basis of inheritance, gene expression, gene regulation, gene changes and how genetic variation relates to human health and disease.   |
| <b>Special care Dentistry I</b>               | This course aims to provide the students with knowledge and skills required to enable dental management of people with different physical disabilities including access to dental office, communication skills, consent, patient education and safety.  |
| <b>Psychology for dentists</b>                | It provides the dental students with the basic knowledge of psychology to improve their ability to communicate with different personalities and handle different situations professionally. It also discusses different psychological disorders and how to deal with them in addition to geriatric psychiatry.    |
| <b>Internal Medicine I</b>                    | This course aims to provide the students with knowledge and skills required to be able to identify and manage patients with chronic diseases at dental office or dental hospital.   |



| <b>Semester 4</b>                              |  |
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| <b>Course Title</b>                            | <b>Course Description</b>  |
| <b>Oral Medicine IV</b>                        | This course aims to provide the students with knowledge and skills required to acknowledge WBCs, RBCs and bleeding/clotting disorders  |
| <b>Oral Diagnosis IV</b>                       | This course aims to explain lab investigations for WBCs, RBCs disorders, bleeding or clotting disorders and auto-immune disorders  |
| <b>Oral Medicine and Diagnosis seminar III</b> | This course will allow the students to present the clinical cases they dealt with in the Oral Medicine clinics and discuss how they diagnose and manage them using knowledge and skills obtained from different courses and supported with Scientific References to achieve the goal of Evidence based Dentistry.  |
| <b>Journal Club I</b>                          | This course gives students a chance to attend an educational scientific meeting in which they could discuss published articles about different oral mucosal lesions & blood disorders which helps them to be aware of current research findings, teaching them to perform critical appraisal of an article, and encourage them to utilize research in evidence based practice. |
| <b>Special care Dentistry II</b>               | This course aims to provide the students with knowledge and skills required to enable dental management of people with geriatric disorders and also cardiovascular disorders at dental office or dental hospital   |
| <b>Internal Medicine II</b>                    | This course aims to provide the students with knowledge and skills required to be able to identify and manage patients with chronic diseases at dental office or dental hospital.  |



| <b>Semester 5</b>                             |   |
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| <b>Course Title</b>                           | <b>Course Description</b>   |
| <b>Oral Medicine V</b>                        | This course aims to provide the students with knowledge and skills required to understand SG disorders and other causes of oral swellings   |
| <b>Oral Diagnosis V</b>                       | This course aims to explain the diagnostic investigations of salivary gland disorders (including biopsy, CT, MRI and ultrasound) & other oral swellings   |
| <b>Oral Medicine and Diagnosis seminar IV</b> | This course will allow the students to present the clinical cases they dealt with in the Oral Medicine clinics and discuss how they diagnose and manage them using knowledge and skills obtained from different courses and supported with Scientific References to achieve the goal of Evidence based Dentistry.   |
| <b>Journal Club II</b>                        | This course gives students a chance to attend an educational scientific meeting in which they could discuss published articles about endocrine disorders, TMJ disorders, occlusal problems, salivary gland diseases & other oral swellings which helps them to be aware of current research findings, teaching them to perform critical appraisal of an article, and encourage them to utilize research in evidence based practice. |
| <b>Special care Dentistry III</b>             | This course aims to provide the students with knowledge and skills required to enable dental management of people with chronic diseases such as diabetes mellitus, renal and hepatic disorders at dental office or dental hospital  |
| <b>Dermatology</b>                            | This course aims to provide the students with knowledge and skills required to be able to   |



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|  | identify and manage patients with dermatological diseases associated with oral lesions at dental office or dental hospital |
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| <b>Semester 6</b>                                 |  |
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| <b>Course Title</b>                               | <b>Course Description</b>  |
| <b>Oral Medicine VI</b>                           | This course aims to provide the students with knowledge and skills required to identify oral potentially malignant lesions and other causes of oral cancer and to describe diseases acquired by HIV, HPV and CMV.  |
| <b>Sedation, General anesthesia and Emergency</b> | This course aims to provide the students with knowledge and skills required for management of patients with special needs under G.A and sedation at dental hospital.   |
| <b>Oral Medicine and Diagnosis seminar V</b>      | This course will allow the students to present the clinical cases they dealt with in the Oral Medicine clinics and discuss how they diagnose and manage them using knowledge and skills obtained from different courses and supported with Scientific References to achieve the goal of Evidence based Dentistry.  |
| <b>Journal Club III</b>                           | This course gives students a chance to attend an educational scientific meeting in which they could discuss published articles about oral potentially malignant & oral malignant lesions as well as diseases acquired by HIV, HPV & CMV which helps them to be aware of current research findings, teaching them to perform critical appraisal of an article, and encourage them to utilize research in evidence based practice. |
| <b>Special care Dentistry IV</b>                  | This course aims to provide the students with knowledge and skills required to enable dental management of difficult patients at dental office or dental hospital  |



**Rheumatology and  
Clinical Immunology**

This course aims to provide the students with knowledge and skills required to be able to identify and manage patients with rheumatological diseases or immunological disorders associated with oral manifestations at dental office or dental hospital

