

Semester 1	
Course title	Course Description
Anatomy of the head and neck:	This <i>course aims</i> at providing students with a thorough understanding of <i>head and neck anatomy</i> with emphasis on those structures associated with the oral and maxillofacial surgery. The <i>course</i> focuses on the <i>anatomy</i> , design and function of structures in the <i>head and neck</i> as they pertain to oral health.
Microbiology and immunology:	The course helps students identify the most common oral pathogens and the immune mechanisms the body uses to defend itself against them. This course handles details of the immune mechanism and the different immunoglobulins and their role in diseases. It also discusses the role of these pathogens in spreading infection and how this can be used to structure infection control programs in the dental setting
General Physiology:	This course helps students recognize the normal functions of the body's major systems. Digestive, cardiovascular, renal, pulmonary system are discussed in addition to blood physiology.
Oral and Maxillofacial Radiology I:	To provide the student with necessary knowledge and skills related to exposing, processing, interpreting and storing all types of extra and intra oral X rays. Indications, contraindications and uses of each type are also discussed
Oral Pathology I:	To provide foundation of knowledge and skills necessary for detection of oral lesions and correlate clinical data and radiographic picture to reach a differential diagnosis. This course stresses on diseases of the hard tissues including diseases of bone and salivary glands
General Pathology:	The course provides students with basic information in the field of general pathology and discusses pathologic processes including inflammation, degeneration and carcinogenesis in addition to discusses some diseases affecting the body systems and their relation to oral and maxillofacial Surgery.
Local and General anesthesia:	This course will provide the Students with Knowledge and skills in local and general anesthesia agents, techniques and their complications in addition to indication, contraindications, types and side effects of conscious sedation.

Semester 2	
Course title	Course Description
General Physical Examination:	This course will provide the students with basic skills of the general physical and focused system examination of different body system in addition to understand the principles of correct health examination and social history taking. The student should be able to performed a detailed 'head to toe' physical examination
Pharmacology:	Students become acquainted with the most common drugs used in oral and maxillofacial practice, their mode of delivery, mode of action, side effects and dosage. The course also stresses drugs interaction.
Oral and Maxillofacial Radiology II:	To provide the student with necessary knowledge and skills related to diagnostic radiology of jaws, neck and orofacial region including salivary glands and TMJ. It will emphasize the identification and planning for different oral and maxillofacial surgery operations.
Oral Pathology II:	This course will provide the student with Knowledge and skills necessary for reaching a definitive diagnosis through the microscopic picture of oral lesions and head and neck tumors. Diseases of salivary glands, white lesions, red lesions, manifestations of syndromes are discussed.
Oral &Dentoalveolar Surgery:	This course is designed to enable students to perform patient examination, formulate a treatment plan, and perform local anesthesia, and more advanced cases of teeth extraction. The students will be introduced to the basic principles of surgical extraction, principles of managing impacted teeth, cysts, and pre-prosthetic surgery. In addition, they will learn how to display a professional behavior towards patients and all members of the dental team.

Semester 3	
Course title	Course Description
General anesthesia and ICU (3M):	This course aims to provide the student with the basic skills to manage the patients in operating room and ICU and be able to estimate priorities of management in common medical emergencies
Emergency (1M):	This course aims to provide the student with the basic skills to provide emergency patient with proper care especially in cases of trauma with multiple organ injuries.
Internal medicine (2M)	This course aims to provide the student with the basic skills to understand the Principles of medical consultation, Indications for different laboratory investigations, Principles of management of chronic medical situations in relation to maxillofacial surgery.

Semester 4	
Course title	Course Description
General and Plastic surgery (3M):	This course aims to provide the student with the basic skills to understand closure of skin wounds & suturing techniques. The student will be introduced to Types & principles of skin grafts& different flaps of head & neck and Methods of excision of skin lesions related to maxillofacial surgery.
ENT (1M)	This course aims to provide the student with the basic skills to understand common ENT pathology including sinusitis ,otitis media, tonsillitis ,neck masses including thyroid masses and Elective &emergency airway management
Neurosurgery (1M)	This course aims to provide the student with the basic skills to recognize types of intracranial injuries, initial recognition& principles of management. Understand type & clinical picture of spinal injuries, Management of OMF Patients with spinal injuries. Be able to discuss etiology, signs& symptoms of meningitis ,cavernous sinus thrombosis ,traumatic carotid cavernous fistula & principles of their management
Clinical oncology (1M)	This course aims to provide the student with the basic skills to understand the post-surgical treatments provided to cancer patients and be able to collaborate with the team to provide proper chemo and radio therapy.



Semester 5	
Course title	Course Description
Oral and Maxillofacial surgery I:	This course is designed to enable students to formulate a treatment plan for the most common problems in oral and maxillofacial surgery. The students will be introduced to the principles of management of odontogenic infection, temporomandibular disorders and the use of laser in maxillofacial surgery.
Oral and Maxillofacial rotation I:	This clinical course will provide the student with the ability to manage and discuss cases they treat in the oral and maxillofacial surgery I and how to develop a treatment plan for them using knowledge and skills of different subjects.
Applied and Radiologic Anatomy:	This course will enable students to gain a better appreciation of the anatomical and radiographical relationships in the human body and apply this knowledge to understand basic surgical procedures by working through clinical and surgical case scenarios.

Semester 6	
Course title	Course Description
Oral and Maxillofacial surgery II:	The aim of this course is to serve as a foundation for successful hospital based oral and maxillofacial surgery practice by enabling students to recognize and discuss the management of conditions seen in the oral and maxillofacial surgery department in a hospital, namely maxillofacial trauma, jaw discrepancies and orthognathic surgery
Oral and Maxillofacial rotation II:	This clinical course will provide the student with the ability to manage and discuss cases they treat in the oral and maxillofacial surgery II and how to develop a treatment plan for them using surgical knowledge and skills. The psychomotor skills of the student related to performing different surgical procedures would further increase to include the management of in-Patients cases that include maxillofacial trauma.
Dental Implants I:	Student will learn the basic principles of dental implants and their use in maxillofacial surgery. They are introduced into the different types of implants, their indications and contraindications, surgical and prosthetic phases as well as maintenance of inserted implants.



Semester 7	
Course title	Course Description
Oral and Maxillofacial surgery III	The aim of this course is to serve as a foundation for successful hospital based oral and maxillofacial surgery practice by enabling students to recognize and discuss the management of conditions seen in the oral and maxillofacial surgery department in a hospital, namely oral cancer, tumors of the jaw, disorders of the salivary glands, and cleft lip and palate.
Oral and Maxillofacial rotation III:	This clinical course will provide the student with the ability to manage and discuss cases they treat in the oral and maxillofacial surgery III and how to develop a treatment plan for them using surgical knowledge and skills. The psychomotor skills of the student related to performing different surgical procedures would further increase to include the management of in-Patients cases that include maxillofacial tumors and reconstructive procedures.
Dental Implants II:	Student will learn the advanced principles of dental implants and their use in dentistry. They are introduced into the different types bone graft, sinus lifts and other advanced surgical procedures.

Semester 8	
Course title	Course Description
Current literature in Oral and Maxillofacial :surgery	The course provides students with information regarding integration of skills & knowledge in areas of diagnosis, treatment planning, and treatment of maxillofacial surgery. They are required to ability to provide recent treatment modalities in maxillofacial surgery.
Oral and Maxillofacial rotation IV:	This clinical course will provide the student with the ability to manage and discuss cases they treat in the oral and maxillofacial surgery and how to develop a treatment plan for them using surgical knowledge and skills. The psychomotor skills of the student related to performing different surgical procedures would further increase to include the management of most cases in maxillofacial surgery clinic.



