

جامعة الملك سعود
كلية طب الأسنان
King Saud University
College of Dentistry

الخطة الدراسية المعدلة
باللغة الإنجليزية

بكالوريوس طب الأسنان العام
Bachelor of General Dentistry

Reviewed 2017-2018

الخطة الدراسية المعدلة لكلية طب الأسنان
السنة التحضيرية

Course Code	Course Title	Credit Hours
FIRST SEMESTER		
101 CT	IT Skills	3
101 EPH	Fitness and Health Education	1
101 CI	University Skills	3
108 ENG	English	6
109 STAT	Biostatistics	3
SECOND SEMESTER		
109 ZOOL	General Zoology	3
109 PHYS	Physics	4
109 CHEM	Introduction to Organic Chemistry	3
115 ENGL	English for Medical Purposes	6
GRAND TOTAL		32

الخطة الدراسية المعدلة لكلية طب الأسنان
السنة الأولى

Course Code	Course Title	First Semester			Second Semester			Total
		Lecture	Practical	Clinic	Lecture	Practical	Clinic	
110 RDS	Dental Anatomy and Morphology	1	1	0	0	0	0	2
112 RDS	Introduction to Operative Dentistry	0	0	0	1	1	0	2
132 RDS	Basic Dental Materials	0	0	0	1	0	0	1
181 PCS	Introduction to Dentistry	1	0	0	0	0	0	1
182 PCS	Introduction to Behavioral and Preventive Dentistry	0	0	0	1	0	0	1
183 DEN	The Concept of Health Informatics	0	0	0	2	0	0	2
113 ANAT	Anatomy, Embryology and Histology	2	2	0	1	2	0	7
163 PHL	Biochemistry	2	0	0	2	0	0	4
113 PSL	General Physiology	2	1	0	1	1	0	5
101 IC	Introduction to Islamic Culture	2	0	0	0	0	0	2
102 IC	Islam and Society Construction	0	0	0	2	0	0	2
TOTAL		10	4	0	11	4	0	29

الخطة الدراسية المعدلة لكلية طب الأسنان
السنة الثانية

Course Code	Course Title	First Semester			Second Semester			Total
		Lecture	Practical	Clinic	Lecture	Practical	Clinic	
211 MFS	Introduction to Local Anesthesia	1	0	0	0	0	0	1
212 MFS	Introduction to Exodontia	0	0	0	1	0	0	1
253 DDS	Oral Biology and Histology	1	0	0	1	1	0	3
231 DDS	Oral Pathology -1-	1	1	0	0	0	0	2
242 DDS	Oral Diagnosis -1-	0	0	0	1	0	1	2
243 DDS	Clinical Oral and Maxillofacial Radiology 1	1	1	0	1	1	0	4
213 RDS	Pre-Clinical Operative Dentistry	1	2	0	1	2	0	6
233 RDS	Dental Materials Sciences	1	0	0	1	1	0	3
222 PCS	Preventive Dentistry	0	0	0	1	0	0	1
212 SDS	Introduction to Pre-Clinical Prosthodontics and Occlusion	0	0	0	1	1	0	2
281 DEN	Ethics in Dentistry	1	0	0	0	0	0	1
213 PHL	Dental Pharmacology -1-	1	0	0	1	0	0	2
221 MIC	General Microbiology and Immunology	2	1	0	0	0	0	3
231 PATH	General Pathology	2	1	0	0	0	0	3
101 ARAB	Arabic Language Skills	2	0	0	0	0	0	2
TOTAL		14	6	0	9	6	1	36

الخطة الدراسية المعدلة لكلية طب الأسنان
السنة الثالثة

Course Code	Course Title	First Semester			Second Semester			Total
		Lecture	Practical	Clinic	Lecture	Practical	Clinic	
311 MFS	Clinical Oral Surgery -1-	1	0	1	0	0	0	2
312 MFS	Clinical Oral Surgery -2-	0	0	0	1	0	1	2
331 DDS	Oral Pathology -2-	1	1	0	0	0	0	2
341 DDS	Oral Diagnosis -2-	1	0	1	0	0	0	2
343 DDS	Clinical Oral and Maxillofacial Radiology -2-	1	0	0	0	0	1	2
313 RDS	Clinical Operative Dentistry -1-	1	0	1	0	0	1	3
323 RDS	Pre-Clinical Endodontics	1	1	0	0	1	0	3
313 PCS	Clinical Periodontology -1-	1	0	1	1	0	1	4
312 POS	Pre-Clinical Pediatric Dentistry	0	0	0	1	1	0	2
323 SDS	Pre-Clinical Removable Prosthodontics	1	1	0	1	1	0	4
333 SDS	Pre-Clinical Fixed Prosthodontics	1	2	0	1	2	0	6
381 DEN	Cardiopulmonary Resuscitation	1	0	0	0	0	0	1
103 IC	Islamic Economic System	0	0	0	2	0	0	2
TOTAL		10	5	4	7	5	4	35

الخطة الدراسية المعدلة لكلية طب الأسنان
السنة الرابعة

Course Code	Course Title	First Semester			Second Semester			Total
		Lecture	Practical	Clinic	Lecture	Practical	Clinic	
411 MFS	Medical Emergencies in Dental Practice	1	0	0	0	0	0	1
413 MFS	Hospital Oral Surgery	0	0	1	0	0	1	2
422 DDS	Oral Medicine -1-	0	0	0	1	0	1	2
413 RDS	Clinical Operative Dentistry -2-	1	0	1	0	0	1	3
423 RDS	Clinical Endodontics	1	0	1	0	0	1	3
413 PCS	Clinical Periodontology -2-	1	0	1	1	0	1	4
413 POS	Clinical Pediatric Dentistry -1-	1	0	1	1	0	1	4
423 POS	Pre-Clinical Orthodontics	1	1	0	1	1	0	4
423 SDS	Clinical Removable Prosthodontics	1	0	1	0	0	1	3
433 SDS	Clinical Fixed Prosthodontics	1	0	1	0	0	1	3
411 MED	General Internal Medicine	1	0	0	1	0	0	2
411 SURG	General Surgery	1	0	0	0	0	0	1
411 ORL	Otolaryngology Head & Neck Surgery	0	0	0	1	0	0	1
421 MIC	Applied Microbiology	1	0	0	0	0	0	1
TOTAL		11	1	7	6	1	8	34

الخطة الدراسية المعدلة لكلية طب الأسنان
السنة الخامسة

Course Code	Course Title	First Semester			Second Semester			Total
		Lecture	Practical	Clinic	Lecture	Practical	Clinic	
491 DDS	Oral Medicine -2-	1	0	1	0	0	0	2
491 POS	Orthodontic Diagnosis and Treatment Planning	1	0	0	0	0	0	1
493 POS	Clinical Pediatric Dentistry -2-	0	0	1	0	0	1	2
491 PCS	Biostatistics in Dentistry	1	0	0	0	0	0	1
492 PCS	Dental Practice Management	0	0	0	1	0	0	1
493 PCS	Dental Public Health and Community Dentistry	1	1	0	1	1	0	4
493 SDS	Advanced Prosthodontics and Implantology	1	0	1	1	0	1	4
492 DEN	Geriatric Dentistry	0	0	0	1	0	0	1
493 DEN	Comprehensive Clinical Dentistry	1	0	4	1	0	4	10
491 PHL	Dental Pharmacology -2-	1	0	0	0	0	0	1
103 ARAB	Writing in Arabic Language	0	0	0	2	0	0	2
106 IC	Islamic Medical Jurisprudence	2	0	0	0	0	0	2
TOTAL		9	1	7	7	1	6	31

الخطة الدراسية المعدلة لكلية طب الأسنان

Number of Credit Hours	Year
32	Preparatory Year
29	First Year
36	Second Year
35	Third Year
34	Fourth Year
31	Fifth Year
197	TOTAL

وصف مختصر للمقررات باللغة الإنجليزية

First Year (29 Credit Hours)

COURSE NO.	:	110 RDS
COURSE TITLE	:	Dental Anatomy and Morphology
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation
LEVEL	:	First Year (First Semester)
CONTACT HOURS	:	1 Lecture = One Hour 1 Clinical Simulation = Three Hours Total ----- = Four Hours
PRE-REQUISITE COURSE:	:	None
COURSE DESCRIPTION:	:	

This course provides the students with the basic elements of tooth morphology as an essential pre-requisite for other dental courses. Using wax, students restore the missing coronal surfaces of complete tooth models by a wax carving technique. This reinforces the theoretical knowledge about tooth morphology and helps to develop the manual dexterity of students, which is essential for the practice of dentistry. Identification of natural tooth specimens forms a significant part of the practical component of this course.

COURSE NO.	:	112 RDS
COURSE TITLE	:	Introduction to Operative Dentistry

CREDIT HOURS	:	Two (2)
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CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation
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LEVEL	:	First Year (Second Semester)
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CONTACT HOURS	:	1 Lecture	= One Hour
		1 Clinical Simulation	= Three Hours
		Total -----	= Four Hours

PRE-REQUISITE COURSE:	None
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COURSE DESCRIPTION:

This course introduces the students to the field of operative dentistry by describing various techniques of diagnosing carious lesions and giving a wide overview of the instruments and procedures used in the operative dentistry clinical setting. The students Know and practice the methods of isolation of the operative field and how to prepare simple and compound restorative cavities.

COURSE NO. : **132 RDS**
COURSE TITLE : **Basic Dental Materials**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **First Year (Second Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total ----- = One Hour

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course teaches the students the dentistry aspect of material science that is necessary to enable them to understand the basic physical, chemical and mechanical properties of dental materials as they relate to the clinical applications. Also, students will be able to develop an appropriate understanding of the required criteria for the selection of materials for specific dental procedures.

COURSE NO. : **181 PCS**
COURSE TITLE : **Introduction to Dentistry**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **First Year (First Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total ----- = One Hour

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course provides the first year students with an overview of the basic concepts, principles and procedures of various specialties in dentistry. Special emphasis is given to the preventive aspects in each dental discipline. Orientation to the curriculum and regulations in pre-clinical and clinical areas are also provided.

COURSE NO. : **182 PCS**
COURSE TITLE : **Introduction to Behavioral and Preventive Dentistry**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **First Year (Second Semester)**

CONTACT HOURS : **1 Lecture** = **One Hour**
Total = **One Hour**

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course addresses the preventive and behavioral aspects in dentistry with particular emphasis on understanding of the human behavior towards prevention, patient management and the ethical responsibilities inherent to the dental profession. Also, communication skills as they relate to the clinical settings in dentistry are highlighted in this course.

COURSE NO. : **183 DEN**
COURSE TITLE : **The Concept of Health Informatics**

CREDIT HOURS : **Two (2)**

CREDIT UNITS : **2 Lectures**

LEVEL : **First Year (Second Semester)**

CONTACT HOURS : **2 Lectures = Two Hours**
Total : **Total = Two Hours**

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course is a broad introduction to the health informatics to deal with creativity, communications and organizing information. A deeper understanding of health informatics can help the students to recognize how informatics can effectively contribute to their various learning efforts and how its methods can be exploited to elevate the state of the art in education, research, and patient care. Special emphasis is directed toward electronic health records and the use of computer and technology in dentistry.

COURSE NO.	:	113 ANAT
COURSE TITLE	:	Anatomy, Embryology and Histology
CREDIT HOURS	:	Seven (7)
CREDIT UNITS	:	2 Lectures + 2 Practical (First Semester) 1 Lecture + 2 Practical (Second Semester)
LEVEL	:	First Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		2 Lectures = Two Hours
		2 Practical = Four Hours
Second Semester		1 Lecture = One Hour
		2 Practical = Four Hours
Total.....	=	Eleven Hours

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course teaches the students the basic knowledge of macroscopic anatomy (morphology), general embryology and development of the face, neck and skull; and the microscopic anatomy (histology) for students of the college of dentistry. It is taught by the Department of Anatomy at the College of Medicine.

COURSE NO.	:	163 PHL
COURSE TITLE	:	Biochemistry
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	2 Lecture / Semester
LEVEL	:	First Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester	2 Lectures	= Two Hours
Second Semester	2 Lectures	= Two Hours
Total		= Four Hours

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course provides the dental students with an overview of the basic principles of biochemistry, with special attention to the biological structures in the oral cavity. Protein and blood biochemical properties are among the major topics discussed in this course. Biochemistry of oral structures such as bone, cementum and enamel is taught in this course. Also, biochemical aspects of dental diseases are covered in this course.

COURSE NO.	:	113 PSL
COURSE TITLE	:	General Physiology
CREDIT HOURS	:	Five (5)
CREDIT UNITS	:	2 Lectures + 1 Practical (First Semester) 1 Lecture + 1 Practical (Second Semester)
LEVEL	:	First Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		2 Lectures = Two Hours
		1 Practical = Two Hours
Second Semester		1 Lecture = One Hour
		1 Practical = Two Hours
Total -----		= Seven Hours

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course provides the students with the essential facts and concepts of medical physiology. The students are oriented on the normal functions of various parts of the body and their interrelation to maintain a homeostatic environment and how this will aid in the understanding of clinical practice. Students will also be trained to think independently and will be encouraged to integrate their knowledge into clinical examples. This course is taught by the Department of Physiology at the College of Medicine.

رمز المقرر	:	١٠١ سلم	:	المدخل إلى الثقافة الإسلامية	إسم المقرر
الساعات المعتمدة	:	(٢) ساعتان			
الوحدات المعتمدة	:	(٢) محاضرتان			
المستوى	:	السنة الأولى (الفصل الأول)			
ساعات التواصل	:	(٢) محاضرتان = (٢) ساعتان			
المتطلبات السابقة	:	لا يوجد			

وصف المقرر:

يهدف هذا المقرر إلى ترسیخ العقيدة الإسلامية الصحيحة، وربط الأجيال المسلمة بمصادر الإسلام الأساسية، وإبراز أهمية تحول هذه المعرفة إلى واقع حي في سلوك المسلم، مع تعريف الشباب بما يحيط بهم من المخاطر المعاصرة، وإيجاد الحلول الإسلامية المناسبة للمشكلات التي تثيرها النظريات والنظم الوضعية مع رد شبهاتها، وكذا التعريف بأسس الحضارة الإسلامية، وبيان واقع الأمة الإسلامية وأسباب تخلفها وسبل النهوض بها.

رمز المقرر	:	١٠٢ سلم	:	الإسلام وبناء المجتمع
الساعات المعتمدة	:	(٢) ساعات	:	
الوحدات المعتمدة	:	(٢) محاضرتان	:	
المستوى	:	السنة الأولى (الفصل الثاني)	:	
ساعات التواصل	:	(٢) محاضرتان = (٢) ساعات	:	
المجموع	=	(٢) ساعات	:	
المتطلبات السابقة	:	لا يوجد	:	
وصف المقرر:				

يهدف هذا المقرر للتعریف العام بنظامي المجتمع والأسرة في الإسلام وبالأسس التي يقومان عليها، ووسائل تقوییمها، وبيان أهم المشكلات والشبه المثارة حول المجتمع والأسرة، ومناقشتها وإبطالها، وإبراز حكم التشريع في عموم ما يتعلّق بشؤونهما.

Second Year (36 Credit Hours)

COURSE NO.	:	211 MFS
COURSE TITLE	:	Introduction to Local Anesthesia
CREDIT HOURS	:	One (1)
CREDIT UNITS	:	1 Lecture
LEVEL	:	Second Year (First Semester)
CONTACT HOURS	:	1 Lecture = One Hour
		Total = One Hour

PRE-REQUISITE COURSE: **113 ANAT (Anatomy, Embryology and Histology)**

COURSE DESCRIPTION:

This course covers the assessment of patients and their suitability for local anesthesia and surgery, pain control, neuro-anatomy of the oral cavity and peri-oral tissue, neuro-physiology, pharmacokinetics of the drugs used in local anesthesia, possible local and systematic complications of local anesthesia, and how to avoid and manage such complications. Also, the course includes description of the injection techniques of different types of local anesthesia and all required tools and materials.

COURSE NO.	:	212 MFS
COURSE TITLE	:	Introduction to Exodontia
CREDIT HOURS	:	One (1)
CREDIT UNITS	:	1 Lecture
LEVEL	:	Second Year (Second Semester)
CONTACT HOURS	:	1 Lecture = One Hour Total = One Hour

PRE-REQUISITE COURSE: **113 ANAT (Anatomy, Embryology and Histology)**

COURSE DESCRIPTION:

This course covers the different methods for extraction (intra-alveolar and trans-alveolar), the required instruments, and different suture types and materials. It also covers the indications and contraindications of teeth extraction, post-operative instructions, and possible complications which may occur during or after extraction and how to recognize and manage such complications.

COURSE NO.	:	253 DDS
COURSE TITLE	:	Oral Biology and Histology
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture - First Semester 1 Lecture + 1 Practical - Second Semester
LEVEL	:	First Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester	:	1 Lecture = One Hour
Second Semester	:	1 Lecture = One Hour
		1 Practical = Three Hours
Total -----	=	Five Hours

PRE-REQUISITE COURSE: None

COURSE DESCRIPTION:

This course comprises instructional and practical demonstration of the principles of oral anatomy, embryology, histology, and physiology. The students learn about the interrelationship between macroscopic, microscopic structures and functions of the oral tissues. Also, students understand the chemical composition of enamel, dentin, cementum, bone and the major similarities/differences among them.

COURSE NO.	:	231 DDS									
COURSE TITLE	:	Oral Pathology -1-									
CREDIT HOURS	:	Two (2)									
CREDIT UNITS	:	1 Lecture + 1 Practical									
LEVEL	:	Second Year (First Semester)									
CONTACT HOURS	:	<table> <tr> <td>1 Lecture</td> <td>=</td> <td>One Hour</td> </tr> <tr> <td>1 Practical</td> <td>=</td> <td>Three Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	1 Lecture	=	One Hour	1 Practical	=	Three Hours	Total -----	=	Four Hours
1 Lecture	=	One Hour									
1 Practical	=	Three Hours									
Total -----	=	Four Hours									

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course provides the students with the required knowledge to distinguish between oral tissues in the state of health and disease. It also enable the students to identify diseases of the teeth, periodontium, maxilla and mandible, oral mucous membranes and associated soft tissues. The causes of the various oral diseases and the microscopic appearance of the developed lesions are emphasized. In addition, the study of clinical appearance of lesions provides the student with basis for clinical differential diagnosis of different lesions.

COURSE NO.	:	242 DDS									
COURSE TITLE	:	Oral Diagnosis -1-									
CREDIT HOURS	:	Two (2)									
CREDIT UNITS	:	1 Lecture + 1 Clinic									
LEVEL	:	Second Year (Second Semester)									
CONTACT HOURS	:	<table> <tr> <td>1 Lecture</td> <td>=</td> <td>One Hour</td> </tr> <tr> <td>1 Clinic</td> <td>=</td> <td>Three Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	1 Lecture	=	One Hour	1 Clinic	=	Three Hours	Total -----	=	Four Hours
1 Lecture	=	One Hour									
1 Clinic	=	Three Hours									
Total -----	=	Four Hours									

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

The course is the first course to expose the students to the patient's encounter in the clinical setting. Students learn the basic knowledge and skills involved in the diagnostic process and treatment planning in the dental practice. The clinical training enables the students to effectively communicate with the patients, interview them and carry out a general appraisal and a systematic examination of the extra-oral and intra-oral structures.

COURSE NO.	:	243 DDS
COURSE TITLE	:	Clinical Oral and Maxillofacial Radiology -1-
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation / Semester
LEVEL	:	Second Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Clinical Simulation = Three Hours
Second Semester		1 Lecture = One Hour
		1 Clinical Simulation = Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course introduces the students to the field of oral radiology and teaches them about the basic physics and equipment behind the production of x-rays, their properties and interaction which results in the formation of the radiographic image. In addition, the radiographic techniques involved in producing various radiographic images and the requirements for film processing are covered in this course. Radiation protection of patients and dental staff from the harmful effects of x-rays and interpretation of simple lesions as caries, periodontal and periapical diseases from radiographic images are also covered in this course.

COURSE NO.	:	213 RDS
COURSE TITLE	:	Pre-Clinical Operative Dentistry
CREDIT HOURS	:	Six (6)
CREDIT UNITS	:	1 Lecture + 2 Clinical Simulation / Semester
LEVEL	:	Second Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		2 Clinical Simulation = Six Hours
Second Semester		1 Lecture = One Hour
		2 Clinical Simulation = Six Hours
Total -----		= Fourteen Hours

PRE-REQUISITE COURSE: **110 RDS (Dental Anatomy and Morphology)**
112 RDS (Introduction to Operative Dentistry)

COURSE DESCRIPTION:

This course focuses on the principles of cavity preparation for the currently available restorative materials and the physical manipulative characteristics of restorative materials and cavity restoration. This course prepares the students to provide the major portion of dental care to their patients by simulating the clinical setting for cavity preparation and restoration and performing standardized exercises on typodont jaw models mounted on mannequins.

COURSE NO.	:	233 RDS
COURSE TITLE	:	Dental Materials Sciences
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture - First Semester
		1 Lecture + 1 Practical - Second Semester
LEVEL	:	Second Year (First and Second Semester)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
Second Semester		1 Lecture = One Hour
		1 Practical = Three Hours
Total -----		= Five Hours

PRE-REQUISITE COURSE: **132 RDS (Basic Dental Materials)**

COURSE DESCRIPTION:

This course provides basic information about direct and indirect restorative materials, bonding agents, and the concept of adhesive dentistry. It also provides the students with understanding of the impression materials and gypsum products used in the dental practice. The course is complemented with basic information of prosthodontic, endodontic, periodontic, and orthodontic materials and with a presentation on dental implant materials, designs, and special considerations.

COURSE NO. : **222 PCS**
COURSE TITLE : **Preventive Dentistry**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Second Year (Second Semester)**

CONTACT HOURS : **1 Lecture** = **One Hour**
Total = **One Hour**

PRE-REQUISITE COURSE: **182 PCS (Introduction to Behavioral and Preventive Dentistry)**

COURSE DESCRIPTION:

This course provides the students with an understanding of concepts and methods of prevention of common dental diseases such as dental caries and periodontal diseases. It emphasizes the factors involved in the causation of these diseases and the primary preventive measures to protect against them.

COURSE NO.	:	212 SDS									
COURSE TITLE	:	Introduction to Pre-Clinical Prosthodontics and Occlusion									
CREDIT HOURS	:	Two (2)									
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation									
LEVEL	:	Second Year (Second Semester)									
CONTACT HOURS	:	<table> <tr> <td>1 Lecture</td> <td>=</td> <td>One Hour</td> </tr> <tr> <td>1 Clinical Simulation</td> <td>=</td> <td>Three Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	1 Lecture	=	One Hour	1 Clinical Simulation	=	Three Hours	Total -----	=	Four Hours
1 Lecture	=	One Hour									
1 Clinical Simulation	=	Three Hours									
Total -----	=	Four Hours									

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This first course in prosthodontics provides the students with a basic knowledge concerning the static and dynamic aspects of occlusion and the importance of occlusion to all facets of dentistry. The clinical simulation phase of this course helps the students to understand and develop some basic technical skills in prosthodontics and occlusion.

COURSE NO. : **281 DEN**
COURSE TITLE : **Ethics in Dentistry**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Second Year (First Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total : **Total = One Hour**

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

The course covers the main aspects of ethics and the code of professional conduct in the health profession, particularly in dentistry. In addition, the course covers the legislative aspects of practicing health care and dentistry in the Kingdom of Saudi Arabia.

COURSE NO.	:	213 PHL
COURSE TITLE	:	Dental Pharmacology -1-
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	1 Lecture
LEVEL	:	Second Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester	1 Lecture	= One Hour
Second Semester	1 Lecture	= One Hour
Total -----	-----	= Two Hours

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course is concerned with the general principles in pharmacology including pharmacokinetics and pharmacodynamics. The course gives emphasis on pharmacological actions and therapeutic applications of drugs used in dentistry. A special focus is given for topical drugs to be used in the oral cavity and for local preparations used in the dental practice.

COURSE NO.	:	222 MIC									
COURSE TITLE	:	General Microbiology and Immunology									
CREDIT HOURS	:	Three (3)									
CREDIT UNITS	:	2 Lectures + 1 Practical									
LEVEL	:	Second Year (First Semester)									
CONTACT HOURS	:	<table> <tr> <td>2 Lectures</td> <td>=</td> <td>Two Hours</td> </tr> <tr> <td>1 Practical</td> <td>=</td> <td>Two Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	2 Lectures	=	Two Hours	1 Practical	=	Two Hours	Total -----	=	Four Hours
2 Lectures	=	Two Hours									
1 Practical	=	Two Hours									
Total -----	=	Four Hours									

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course provides the students with the required knowledge to make acquaintance, both in theoretical and practical context, with microorganisms as agents of human disease with relevance to dentistry. The major topics covered in this course include fundamentals of immunology and host-parasite relationship, bacteria and human diseases, viruses and human diseases, fungi and human diseases, and introduction to the oral microbiology.

COURSE NO.	:	231 PATH									
COURSE TITLE	:	General Pathology									
CREDIT HOURS	:	Three (3)									
CREDIT UNITS	:	2 Lectures + 1 Practical									
LEVEL	:	Second Year (First Semester)									
CONTACT HOURS	:	<table> <tr> <td>2 Lectures</td> <td>=</td> <td>Two Hours</td> </tr> <tr> <td>1 Practical</td> <td>=</td> <td>Two Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	2 Lectures	=	Two Hours	1 Practical	=	Two Hours	Total -----	=	Four Hours
2 Lectures	=	Two Hours									
1 Practical	=	Two Hours									
Total -----	=	Four Hours									

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course teaches the basic principles of disease processes and the application of these principles to the study of particular diseases in various tissues, organs and systems of the body (Systemic Pathology). The students are guided to correlate the microscopic pathological changes with the clinical manifestations and to appreciate the role of pathology in the medical research. This course is provided by the Department of Pathology at the College of Medicine.

رمز المقرر	:	١٠١ عرب	:	المهارات اللغوية	اسم المقرر
الساعات المعتمدة	:	(٢) ساعتان			
الوحدات المعتمدة	:	(٢) محاضرتان			
المستوى	:	السنة الثالثة (الفصل الأول)			
ساعات التواصل	:	(٢) محاضرتان = (٢) ساعتان			
المتطلبات السابقة	:	لا يوجد			
وصف المقرر:					

يهدف المقرر إلى تنمية قضايا الفهم والاستيعاب في جوانبها المتعددة، وتنمية مهارات المحادثة وعرض الأفكار لتوسيع المخزون اللغوي وإدراك طرائق الاستعانة بالوسائل المساعدة في ذلك، إضافة إلى تنمية مهارات التفكير الناقد والإبداعي. كذلك يسعى المقرر إلى تعزيز إمكانات التعبير المتعددة، ورفع قدرات مستخدم اللغة على العبارة المناسبة في المقام.

Third Year (35 Credit Hours)

COURSE NO.	:	311 MFS
COURSE TITLE	:	Clinical Oral Surgery 1
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	1 Lecture + 1 Clinic
LEVEL	:	Third Year (First Semester)
CONTACT HOURS	:	1 Lecture = One Hour 1 Clinic = Three Hours Total ----- = Four Hours
PRE-REQUISITE COURSE:		211 MFS (Introduction to Local Anesthesia) 212 MFS (Introduction to Exodontia)

COURSE DESCRIPTION:

This course is an introduction to the minor oral surgical procedures that are essential to the general dental practitioner. The application of local anesthesia and the performance of simple extractions are both demonstrated and practiced in this clinical course. The management of oral infections and possible complications of tooth extraction such as bleeding and dry socket is taught in this course.

COURSE NO.	:	312 MFS									
COURSE TITLE	:	Clinical Oral Surgery 2									
CREDIT HOURS	:	Two (2)									
CREDIT UNITS	:	1 Lecture + 1 Clinic									
LEVEL	:	Third Year (Second Semester)									
CONTACT HOURS	:	<table> <tr> <td>1 Lecture</td><td>=</td><td>One Hour</td></tr> <tr> <td>1 Clinic</td><td>=</td><td>Three hours</td></tr> <tr> <td>Total -----</td><td>=</td><td>Four Hours</td></tr> </table>	1 Lecture	=	One Hour	1 Clinic	=	Three hours	Total -----	=	Four Hours
1 Lecture	=	One Hour									
1 Clinic	=	Three hours									
Total -----	=	Four Hours									
PRE-REQUISITE COURSE:	:	211 MFS (Introduction to Local Anesthesia) 212 MFS (Introduction to Exodontia)									

COURSE DESCRIPTION:

This course teaches more in-depth the advanced oral surgical procedures. The principles of diagnosis and treatment of facial trauma, which includes fractures of the mandible and the middle third of the facial skeleton, are also learned in this course. The students learn the importance of early diagnosis of oral malignancy by performing a biopsy from suspected oral lesions and how to liaise with the oral pathologist to reach to the definite diagnosis. The different types of antibiotics used in oral surgery; their therapeutic doses and mode of action are also demonstrated in this course.

COURSE NO.	:	331 DDS									
COURSE TITLE	:	Oral Pathology -2-									
CREDIT HOURS	:	Two (2)									
CREDIT UNITS	:	1 Lecture + 1 Practical									
LEVEL	:	Second Year (Second Semester)									
CONTACT HOURS	:	<table> <tr> <td>1 Lecture</td> <td>=</td> <td>One Hour</td> </tr> <tr> <td>1 Practical</td> <td>=</td> <td>Three Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	1 Lecture	=	One Hour	1 Practical	=	Three Hours	Total -----	=	Four Hours
1 Lecture	=	One Hour									
1 Practical	=	Three Hours									
Total -----	=	Four Hours									
PRE-REQUISITE COURSE:		253 DDS (Oral Biology and Histology)									
		232 DDS (Oral Pathology -1-)									

COURSE DESCRIPTION:

This course is taught with supplemental practical (microscopic) sessions and clinicopathologic conferences to be correlated with the topics covered in the didactic component of the course. Selected oral and maxillofacial diseases are studied from the following perspective: etiology, pathogenesis, clinical profiles, light microscopic appearance, differential diagnoses, prognosis and principles of management.

COURSE NO. : **341 DDS**
COURSE TITLE : **Oral Diagnosis -2-**

CREDIT HOURS : **Two (2)**

CREDIT UNITS : **1 Lecture + 1 Clinic**

LEVEL : **Third Year (First Semester)**

CONTACT HOURS	:	1 Lecture	=	One Hour
		1 Clinic	=	Three Hours
		Total -----	=	Four Hours

PRE-REQUISITE COURSE: **242 DDS (Oral Diagnosis -1-)**

COURSE DESCRIPTION:

This course aims to improve the clinical skills of students in taking dental and medical history and performing a thorough clinical examination of the oral and para-oral structures. Students also learn how to refer a patient for dental or medical consultation, how to request the appropriate laboratory or radiographic investigations, and how to interpret the results of these diagnostic investigations. The course emphasizes the etiology, clinical picture, provisional diagnosis, and management of common lesions of the oral cavity.

COURSE NO.	:	343 DDS
COURSE TITLE	:	Clinical Oral and Maxillofacial Radiology -2-
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	1 Lecture - First Semester 1 Clinic - Second Semester
LEVEL	:	Third Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
Second Semester		1 Clinic = Three Hours
Total -----		= Four Hours

PRE-REQUISITE COURSE: **243 DDS (Clinical Oral and Maxillofacial Radiology -1-)**

COURSE DESCRIPTION:

This course provides a comprehensive overview of the radiographic interpretation and differential diagnosis of developmental, pathological lesions and fractures of the jaws and associated structures. The course also covers the advanced imaging modalities, including CT, MRI, and nuclear medicine, and their uses in the head and neck region.

COURSE NO.	:	313 RDS
COURSE TITLE	:	Clinical Operative Dentistry -1-
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture + 1 Clinic - First Semester 1 Clinic - Second Semester
LEVEL	:	Third Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester	1 Lecture	= One Hour
	1 Clinic	= Three Hours
Second Semester	1 Clinic	= Three Hours
Total -----		Seven Hours

PRE-REQUISITE COURSE: 213 RDS (Pre-Clinical Operative Dentistry)
211 MFS (Introduction to Local Anesthesia)

COURSE DESCRIPTION:

This course is the first clinical operative dentistry course that builds on the preceding principles and techniques presented in the clinical simulation courses with an expansion on the area of diagnosis and treatment planning. Attention is given to the efficient utilization of the clinical facilities and the need for proper management and care of patients. The students are expected to carry out simple restorative procedures under close supervision.

COURSE NO.	:	323 RDS
COURSE TITLE	:	Pre-Clinical Endodontics
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation - First Semester 1 Clinical Simulation - Second Semester
LEVEL	:	Third Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour 1 Clinical Simulation = Three Hours
Second Semester		1 Clinical Simulation = Three Hours
Total -----		= Seven Hours

PRE-REQUISITE COURSE: 213 RDS (Pre-Clinical Operative Dentistry)

COURSE DESCRIPTION:

The scope of this course is to enable students to understand, recognize, diagnose and successfully treat pulpal involved or potentially involved teeth. Important fundamentals are stressed with emphasis on the correlation between basic clinical and biological principles. The course includes clinical simulation exercises to perform endodontic treatment on mounted extracted human teeth.

COURSE NO.	:	313 PCS
COURSE TITLE	:	Clinical Periodontology 1
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Clinic / Semester
LEVEL	:	Third Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Second Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Total -----		Eight Hours

PRE-REQUISITE COURSE: None

COURSE DESCRIPTION:

This course teaches topics related to the periodontium in health and diseases. The etiology, pathogenesis, diagnosis, and treatment of periodontal disease are covered in this course. The knowledge and practice of instrumentation in periodontics are also learned and practiced in this course. The principles and techniques of disease prevention are emphasized.

COURSE NO.	:	312 POS									
COURSE TITLE	:	Pre-Clinical Pediatric Dentistry									
CREDIT HOURS	:	Two (2)									
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation									
LEVEL	:	Third Year (Second Semester)									
CONTACT HOURS	:	<table> <tr> <td>1 Lecture</td> <td>=</td> <td>One Hour</td> </tr> <tr> <td>1 Clinical Simulation</td> <td>=</td> <td>Three Hours</td> </tr> <tr> <td>Total -----</td> <td>=</td> <td>Four Hours</td> </tr> </table>	1 Lecture	=	One Hour	1 Clinical Simulation	=	Three Hours	Total -----	=	Four Hours
1 Lecture	=	One Hour									
1 Clinical Simulation	=	Three Hours									
Total -----	=	Four Hours									

PRE-REQUISITE COURSE: **213 RDS (Pre-Clinical Operative Dentistry)**

COURSE DESCRIPTION:

This course introduces the students to the field of pediatric dentistry. It focuses on the diagnosis and prevention of disease, the preservation of the natural dentition and the restoration of health, function and esthetics of stomatognathic system in children. The goal of the clinical simulation sessions is the development of psychomotor skills of the students to provide quality dental care to their pediatric patients.

COURSE NO.	:	323 SDS
COURSE TITLE	:	Pre-Clinical Removable Prosthodontics
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation / Semester
LEVEL	:	Third Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour 1 Clinical Simulation = Three Hours
Second Semester		1 Lecture = One Hour 1 Clinical Simulation = Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE: SDS 212 (Introduction to Pre-Clinical Prosthodontics and Occlusion)

COURSE DESCRIPTION:

This first course in removable prosthodontics covers both complete dentures and removable partial dentures. The clinical simulation component teaches the students the technical aspect of complete and removable partial denture construction. The course is designed to enable the students to understand the biological, mechanical, as well as the esthetic aspects of complete and partial denture treatment modality.

COURSE NO.	:	333 SDS
COURSE TITLE	:	Pre-Clinical Fixed Prosthodontics
CREDIT HOURS	:	Six (6)
CREDIT UNITS	:	1 Lecture + 2 Clinical Simulation
LEVEL	:	Third Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		2 Clinical Simulation = Six Hour
Second Semester:		1 Lecture = One Hour
		2 Clinical Simulation = Six Hours
Total -----		= Fourteen Hours

PRE-REQUISITE COURSE: 212 SDS (Introduction to Pre-Clinical Prosthodontics and Occlusion)
213 RDS (Pre-Clinical Operative Dentistry)

COURSE DESCRIPTION:

This course represents the orientation phase to the discipline of fixed prosthodontics. It provides the students with a framework to learn the scientific basis and the fundamental principles of fixed prosthodontics. It prepares the students for the practice of sound clinical fixed prosthodontics work through a clinical simulation phase of mechanical and technical procedures.

COURSE NO. : 382 DEN
COURSE TITLE : Cardio-Pulmonary Resuscitation

CREDIT HOURS : One (1)

CREDIT UNITS : 1 Lecture

LEVEL : Third Year (Second Semester)

CONTACT HOURS : 1 Lecture = One Hour
Total = One Hour

PRE-REQUISITE COURSE: None

COURSE DESCRIPTION:

This course teaches the basic anatomy of cardiovascular respiratory system with emphasis on vital signs and common medical emergencies and the first aid procedures. The course is composed of practical demonstrations of the cardiopulmonary resuscitation procedure and the students will be certified in Basic Life Support and First Aid.

إسم المقرر	:	النظام الاقتصادي في الإسلام	:	١٠٣ سلم	رمز المقرر
الساعات المعتمدة	:	(٢) ساعتان	:		
الوحدات المعتمدة	:	(٢) محاضرتان	:		
المستوى	:	السنة الثالثة (الفصل الثاني)			
ساعات التواصل	:	(٢) محاضرتان	=	(٢) ساعتان	
المجموع	=	(٢) ساعتان			
المتطلبات السابقة	:	لا يوجد			
وصف المقرر:					

يهدف المقرر إلى التعريف بالمنهج الإسلامي للحياة الاقتصادية في علاقة الإنسان بالمال جمعاً وإنفاقاً وعلاقة أفراد المجتمع المالية بعضهم مع بعض توزيعاً وتدالياً، وبيان القواعد والأحكام الشرعية التي تضبط الحياة الاقتصادية، والمعاملات المالية مع المقارنة الموجزة بالنظم الاقتصادية الوضعية بهدف بيان سمات الاقتصاد الإسلامي وخصائصه الأساسية.

Fourth Year (34 Credit Hours)

COURSE NO. : **411 MFS**
COURSE TITLE : **Medical Emergencies in Dental Practice**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Fourth Year (First Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total ----- = One Hour

PRE-REQUISITE COURSE: **311 MFS (Clinic Oral Surgery -1-)**
312 MFS (Clinic Oral Surgery -2-)

COURSE DESCRIPTION:

This course introduces the students to the medical management of medically compromised patients and how to deal with emergencies in the dental chair. It also emphasizes the recognition and management of allergic reactions and the use of antibiotics as premedication in appropriate cases.

COURSE NO.	:	413 MFS
COURSE TITLE	:	Hospital Oral Surgery
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	1 Clinic
LEVEL	:	Fourth Year (First and Second Semester)
CONTACT HOURS	:	
First Semester	1 Clinic	= Three Hours
Second Semester	1 Clinic	= Three Hours
Total -----		= Six Hours

PRE-REQUISITE COURSE:	312 MFS (Clinic Oral Surgery -1-)
	311 MFS (Clinic Oral Surgery -2-)

COURSE DESCRIPTION:

This is a clinical course in advanced oral surgery which trains the students to carry out more complicated minor oral surgical procedures under local anesthesia. Cases such as retained roots, impacted teeth, alveoloplasty, and orofacial infections are assigned to the students to treat under faculty supervision. Also, students are introduced to the surgical implant dentistry. Students also learn about hospital rules and protocols and introduced to the operating room and major maxillofacial surgeries.

COURSE NO. : **422 DDS**
COURSE TITLE : **Oral Medicine -1-**

CREDIT HOURS : **Two (2)**

CREDIT UNITS : **1 Lecture + 1 Clinic**

LEVEL : **Fourth Year (Second Semester)**

CONTACT HOURS	:	1 Lecture	=	One Hour
		1 Clinic	=	Three Hours
		Total -----	=	Four Hours

PRE-REQUISITE COURSE: **341 DDS (Oral Diagnosis -2-)**

COURSE DESCRIPTION:

This course covers topics of general oral medicine that are important to the general dental practitioner. This is supported by clinical sessions in which students encounter and manage patients with different oral lesions. Some of these clinical sessions are undertaken at other governmental hospitals.

COURSE NO.	:	413 RDS
COURSE TITLE	:	Clinical Operative Dentistry -2-
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture + 1 Clinic
		- First Semester
		1 Clinic
		- Second Semester
LEVEL	:	Fourth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Second Semester		1 Clinic = Three Hours
Total -----		= Seven Hours

PRE-REQUISITE COURSE: **313 RDS (Clinical Operative Dentistry -1-)**

COURSE DESCRIPTION:

This course aims at reinforcing the previous knowledge gained in the early operative dentistry courses and update of the students with newly developed restorative materials and techniques. The clinical sessions are directed toward the clinical application of different cavity preparation and restoration principles. In addition, students are trained to perform esthetic restorative dentistry in the anterior and posterior teeth.

COURSE NO.	:	423 RDS
COURSE TITLE	:	Clinical Endodontics
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture + 1 Clinic - First Semester 1 Clinic - Second Semester
LEVEL	:	Fourth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour 1 Clinic = Three Hours
Second Semester		1 Clinic = Three Hours
Total -----		= Seven Hours
PRE-REQUISITE COURSE:		323 RDS (Pre-Clinical Endodontics) 313 RDS (Clinical Operative Dentistry -1-)

COURSE DESCRIPTION:

This course teaches the students how to perform clinical procedures of endodontic therapy with emphasis on integrating clinical and biological principles. Major pulpal and periradicular pathologies and their signs and symptoms are discussed. The students learn and practice how to treat endodontically involved anterior and posterior teeth and how to manage endodontic emergencies.

COURSE NO.	:	413 PCS
COURSE TITLE	:	Clinical Periodontology -2-
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Clinic / Semester
LEVEL	:	Fourth Year (First and Second Semester)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Second Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE: **313 PCS (Clinical Periodontology -1-)**

COURSE DESCRIPTION:

This course covers the treatment of different types of periodontal diseases, the interrelationship between periodontics and other related dental disciplines, the surgical approaches in the management of moderate to advanced periodontal diseases, the role of occlusion in periodontal diseases, the surgical aspect of implant dentistry, and the management of peri-implant tissues in health and disease.

COURSE NO.	:	413 POS
COURSE TITLE	:	Clinical Pediatric Dentistry -1-
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Clinic
LEVEL	:	Fourth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester	1 Lecture	= One Hour
	1 Clinic	= Three Hours
Second Semester	1 Lecture	= One Hour
	1 Clinic	= Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE: 312 POS (Pre-Clinical Pediatric Dentistry)
313 RDS (Clinical Operative Dentistry -1)

COURSE DESCRIPTION:

This course addresses the different aspects of diagnosis, management, and treatment of dental problems in pre-school and school age children. The clinical component of the course is the first exposure of students to clinical pediatric dentistry. The students are expected to perform the clinical procedures commonly associated with children's dentistry. Patients with age ranging from 8 to 14 years are typically assigned to the students according to the course requirement.

COURSE NO.	:	423 POS
COURSE TITLE	:	Pre-Clinical Orthodontics
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Clinical Simulation
LEVEL	:	Fourth Year (First and Second Semester)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Clinical Simulation = Three Hours
Second Semester		1 Lecture = One Hour
		1 Clinical Simulation = Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE: None

COURSE DESCRIPTION:

This course provides the students with a background of normal occlusion and the etiology and diagnosis of various types of malocclusion. The students learn how to perform analysis of orthodontic cases and gain a broad overview of the orthodontic management of different malocclusion classifications. Also, preventive orthodontic measures to avoid the development of some orthodontic problems in children are emphasized.

COURSE NO.	:	423 SDS
COURSE TITLE	:	Clinical Removable Prosthodontics
CREDIT HOURS	:	Three (3)
CREDIT UNITS	:	1 Lecture + 1 Clinic (First Semester) 1 Clinic (Second Semester)
LEVEL	:	Fourth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour 1 Clinic = Three Hours
Second Semester		1 Clinic = Three Hours
Total -----		= Seven Hours

PRE-REQUISITE COURSE:	323 SDS
	(Pre-Clinical Removable Prosthodontics)

COURSE DESCRIPTION:

This course covers the different phases of treatment in removable partial and complete dentures. The clinical component of the course allows the students to practice common clinical procedures for patient examination, motivation, and treatment with complete and removable partial prosthodontic work.

COURSE NO.	:	433 SDS
COURSE TITLE	:	Clinical Fixed Prosthodontics
CREDIT HOURS	:	Four (3)
CREDIT UNITS	:	1 Lecture + 1 Clinic (First Semester) 1 Clinic (Second Semester)
LEVEL	:	Fourth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour 1 Clinic = Three Hours
Second Semester		1 Clinic = Three Hour
Total -----		= Seven Hours

PRE-REQUISITE COURSE: **333 SDS (Pre-Clinical Fixed Prosthodontics)**
313 RDS (Clinical Operative Dentistry -1-)

COURSE DESCRIPTION:

The course provides a framework for the students to transfer their preclinical knowledge in fixed prosthodontics into clinical application. The clinical phase equips the students with the fundamental skills for sound clinical fixed prosthodontic practice through comprehensive management of a number of clinical cases. Reinforcement of the mutual interdependence of high-quality clinical and technical activities for the attainment of precise and predictable clinical outcome is the major emphasis of this course.

COURSE NO.	:	411 MED
COURSE TITLE	:	General Internal Medicine
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	2 Lectures
LEVEL	:	Fourth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester	1 Lecture	= One Hour
Second Semester	1 Lecture	= One Hour
Total -----	-----	= Two Hours

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course is designed purposely for the dental students to give an overview of the different specialties of internal medicine and their relevance to dentistry. The course covers the diagnosis and management of medically complicated cases which are likely to be encountered in the dental practice. The course is offered by the Department of Internal Medicine from the College of Medicine.

COURSE NO.	:	411 SURG
COURSE TITLE	:	General Surgery

CREDIT HOURS	:	One (1)
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CREDIT UNITS	:	1 Lecture
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LEVEL	:	Fourth Year (First Semester)
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CONTACT HOURS	:	1 Lecture = One Hour
		Total = One Hour

PRE-REQUISITE COURSE:	None
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COURSE DESCRIPTION:

This course focuses on the identification and management of various surgical problems in the head and neck region in particular. It is directed toward building the confidence in the dental students to refer patients with pathological conditions in the head and neck region to the appropriate specialization upon their recognition during routine dental visits. Also, the students learn about the complications of common surgical procedures and the required precautions to be undertaken during the dental visits. This course is offered by the Department of General Surgery at the College of Medicine.

COURSE NO. : **411 ORL**
COURSE TITLE : **Otolaryngology Head & Neck Surgery**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Fourth Year (Second Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total : **= One Hour**

PRE-REQUISITE COURSE: **None**

COURSE DESCRIPTION:

This course familiarizes the students with the common ENT conditions related to the dental and maxillofacial surgery practice. The course delivers the basic knowledge concerning the anatomy of the ear, nose and throat region. It also gives an overview of the diagnosis and management of common ENT problems. The course is offered by the Department of ENT from the College of Medicine.

COURSE NO. : **421 MIC**
COURSE TITLE : **Applied Microbiology**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Fourth Year (First Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total ----- = One Hour

PRE-REQUISITE COURSE: **221 MIC**
(General Microbiology and Immunology)

COURSE DESCRIPTION:

This course updates the students on the constantly evolving flora of human infection and the recent research in the etiology of dental diseases. It also emphasizes the newly developed and advanced diagnostic techniques and the currently available antibiotics.

Fifth Year (31 Credit Hours)

COURSE NO.	:	491 DDS
COURSE TITLE	:	Oral Medicine -2-

CREDIT HOURS	:	Two (2)
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CREDIT UNITS	:	1 Lecture + 1 Clinic
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LEVEL	:	Fifth Year (First Semester)
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CONTACT HOURS	:	1 Lecture	=	One Hour
		1 Clinic	=	Three Hours
		Total -----	=	Four Hours

PRE-REQUISITE COURSE:	422 DDS (Oral Medicine -1-)
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COURSE DESCRIPTION:

This course covers aspects of the proper management of medically compromised patients, infection control in the office, and the proper use and pitfalls of prescription drugs. Pertinent laboratory tests and interpretation of the results are also part of the clinical exercises in this course. Students examine patients with systemic diseases for evaluation and treatment planning and present clinical cases with complete investigation results and treatment plan. Some of the clinical sessions are carried out in associated hospitals for the availability of patients.

COURSE NO. : **491 POS**
COURSE TITLE : **Orthodontic Diagnosis and Treatment Planning**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture/Seminar**

LEVEL : **Fifth Year (First Semester)**

CONTACT HOURS : **1 Lecture/Seminar** = **Three Hours**
Total ----- = **Three Hours**

PRE-REQUISITE COURSE: **423 POS (Pre-Clinical Orthodontics)**

COURSE DESCRIPTION:

This course consists of tutorial sessions to analyze and discuss orthodontic cases to cover the following aspects: orthodontic diagnosis and treatment planning, early orthodontic treatment, orthodontic management of skeletal problems, assessment of patients for orthognathic surgery, adjunctive orthodontic treatment for adults, and iatrogenic effects of orthodontic therapy. Students are expected to actively participate in the class by generating hypotheses to explain the problem under discussion, contributing resources and knowledge to the group, and demonstrating the ability to understand and apply the available evidence to analyze the case.

COURSE NO.	:	493 POS
COURSE TITLE	:	Clinical Pediatric Dentistry -2-
CREDIT HOURS	:	Two (2)
CREDIT UNITS	:	1 Clinic / Semester
LEVEL	:	Fifth Year (First and Second Semester)
CONTACT HOURS	:	
First Semester	1 Clinic	= Three Hours
Second Semester	1 Clinic	= Three Hours
Total -----	-----	= Six Hours

PRE-REQUISITE COURSE: **413 POS (Clinical Pediatric Dentistry -1-)**

COURSE DESCRIPTION:

This course requires the students to provide comprehensive dental treatment for children with age of 3 to 8 years presenting with a wide range of dental problems. Emphasis is given on the patient's education aspect, treatment planning, prevention of dental problems, restorative procedures, pulp therapy, and dental space management.

COURSE NO. : **491 PCS**
COURSE TITLE : **Biostatistics in Dentistry**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Fifth Year (First Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total ----- = One Hour

PRE-REQUISITE COURSE: **182 DEN- The Concept of Health Informatics**
222 PCS- Preventive Dentistry

COURSE DESCRIPTION:

This course aims at providing students with an understanding of concepts, principles and methods of biostatistics for dental research with emphasis on using software packages for data analysis. Class activities focus on the concepts of statistical methods and solving practical problem using statistical computer software such as Excel, SPSS and Minitab. Assignment of literature readings and analysis are also part of this course.

COURSE NO. : **492 PCS**
COURSE TITLE : **Dental Practice Management**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Fifth Year (Second Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total ----- = One Hour

PRE-REQUISITE COURSE: **222 PCS (Preventive Dentistry)**

COURSE DESCRIPTION:

This course provides the graduating students with the basic tools to understand the general principles of health care industry to enable them to make better managerial decisions in their future dental practice. The need for this course emerged after the recognized dynamic changes in the health care market in KSA, especially after the wide spread of private health institutes and the establishment of health insurance principles and regulations. Recognized guest speakers from the private sector are invited to participate in the course and highlight the principles of dental practice management considering the current market needs and regulations with real life examples.

COURSE NO.	:	493 PCS
COURSE TITLE	:	Dental Public Health and Community Dentistry
CREDIT HOURS	:	Four (4)
CREDIT UNITS	:	1 Lecture + 1 Practical / Semester
LEVEL	:	Fifth Year (First and Second Semesters)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Practical = Three Hours
Second Semester		1 Lecture = One Hour
		1 Practical = Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE: **222 PCS (Preventive Dentistry)**

COURSE DESCRIPTION:

This course is designed to augment the awareness to the principles and activities of dental public health among the students. The application of sciences of epidemiology and biostatistics in the dental public health is demonstrated. The students are required to design and carry out appropriate awareness campaigns concerning some common oral health problems in KSA. Also, students are asked to critically evaluate scientific articles addressing the major issues of dental public health.

COURSE NO.	:	493 SDS
COURSE TITLE	:	Advanced Prosthodontics and
		Implantology

CREDIT HOURS	:	Four (4)
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CREDIT UNITS	:	1 Lecture + 1 Clinic / Semester
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LEVEL	:	Fifth Year (First and Second Semesters)
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CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Second Semester		1 Lecture = One Hour
		1 Clinic = Three Hours
Total -----		= Eight Hours

PRE-REQUISITE COURSE:	423 SDS (Clinical Removable Prosthodontics)
	433 SDS (Clinical Fixed Prosthodontics)

COURSE DESCRIPTION:

This course provides the student with advanced knowledge and clinical experience in the comprehensive management of variety of prosthodontic cases including fixed prosthodontics, removable partial and complete dentures, and dental implants. Emphasis is given to the restoration of dental implants, overdentures, and maxillofacial prosthesis.

COURSE NO.	:	492 DEN
COURSE TITLE	:	Geriatric Dentistry
CREDIT HOURS	:	One (1)
CREDIT UNITS	:	1 Lecture
LEVEL	:	Fifth Year (Second Semester)
CONTACT HOURS	:	1 Lecture = One Hour Total = One Hour
PRE-REQUISITE COURSE:		411 MFS (Medical Emergencies in Dental Practice) 423 SDS (Clinical Removable Prosthodontics)

COURSE DESCRIPTION:

This course introduces the students to the biology of aging process and how it affects oral health. The management of age related changes of the elderly population and psychological aspects of aging and age related systemic changes are covered. Students are taught on the proper dental management of elderly patients in all dental disciplines, including preventive dentistry.

COURSE NO.	:	493 DEN
COURSE TITLE	:	Comprehensive Clinical Dentistry
CREDIT HOURS	:	Ten (10)
CREDIT UNITS	:	1 Lecture + 4 Clinics / Semester
LEVEL	:	Fifth Year (First and Second Semester)
CONTACT HOURS	:	
First Semester		1 Lecture = One Hour
		4 Clinic Sessions = Twelve Hours
Second Semester		1 Lecture = One Hour
		4 Clinic Sessions = Twelve Hours
Total -----		= Twenty Six Hours
PRE-REQUISITE COURSE:		433 SDS (Clinical Fixed Prosthodontics)
		423 SDS (Clinical Removable Prosthodontics)
		423 RDS (Clinical Endodontics)
		413 PCS (Clinical Periodontology -2-)
		413 RDS (Clinical Operative Dentistry -2-)

COURSE DESCRIPTION:

This course is designed to cover all clinical disciplines in dentistry. This is a conjoint course by all dental departments where contributors from all dental disciplines participate in both the lectures and the clinical sessions. Theoretical part of the course is designed to cover a wide aspect of advanced dental topics related to comprehensive dental care. The clinical sessions are conducted to amalgamate the clinical experience gained by the students in previous clinical courses and provide them with a foundation and consolidation for the comprehensive patient dental care.

COURSE NO. : **491 PHL**
COURSE TITLE : **Dental Pharmacology -2-**

CREDIT HOURS : **One (1)**

CREDIT UNITS : **1 Lecture**

LEVEL : **Fifth Year (First Semester)**

CONTACT HOURS : **1 Lecture = One Hour**
Total : **Total = One Hour**

PRE-REQUISITE COURSE: **213 PHL (Dental Pharmacology -1-)**

COURSE DESCRIPTION:

This course re-emphasizes the principles of clinical pharmacology and drug therapy as it relates to the dental practice. Drug therapy principles such as patient compliance, significance of taking drug history and proper writing of a prescription are particularly considered. Drug-drug and food-drug interactions and hazards of drug use during pregnancy and lactations are discussed in the course.

رمز المقرر	:	١٠٣ عرب
اسم المقرر	:	التحرير العربي
الساعات المعتمدة	:	(٢) ساعات
الوحدات المعتمدة	:	(٢) محاضرتان
المستوى	:	السنة الخامسة (الفصل الثاني)
ساعات التواصل	:	(٢) محاضرتان = (٢) ساعات
المجموع	=	(٢) ساعات
المتطلبات السابقة	:	لا يوجد
وصف المقرر:		

يهدف المقرر إلى تنمية قدرة الطالب على الكتابة العربية الصحيحة من الناحية الصرفية والأدبية والبلغية، وصحة الرسم الكتابي، واكتساب الطالب القدرة على تقسيم موضوع الكتابة إلى فقرات متسلسلة تسلسلاً منطقياً. كذلك يعزز المقرر قدرات الطالب في كتابة الفقرة والمقالة، وتطوير الفقرة إلى مقالة، والتلخيص، وكتابة التقارير، والسيرة الذاتية، والرسائل الإدارية.

إسم المقرر	:	106 سلم الفقه الطبي
الساعات المعتمدة	:	(٢) ساعات
الوحدات المعتمدة	:	(٢) محاضرتان
المستوى	:	السنة الخامسة (الفصل الأول)
ساعات التواصل	:	(٢) محاضرتان = (٢) ساعات المجموع = (٢) ساعات
المتطلبات السابقة	:	لا يوجد
وصف المقرر:		

يهدف المقرر إلى تعريف الطالب الجامعي بأهم الأحكام الشرعية المتعلقة بالمهن الصحية والمرضى، وتنمية روح المسؤولية الدينية عند الممارسة السريرية. فبعد أن يعزز المقرر لدى الطالب فضل تعلم الطب وممارسته في الدين الإسلامي، يلقي المقرر الضوء على أبرز الواجبات والحقوق الشرعية المتعلقة بالممارس الطبي ويناقش الأحكام الشرعية لأهم النوازل الطبية التي صدرت بها قرارات من المجامع الفقهية الإسلامية.