

رؤية  
2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA



جامعة حائل  
University of Ha'il



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# Bachelor of dental medicine & surgery (BDS) GUIDE

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## Introduction

The Bachelor of dental medicine & surgery program was established after the approval of The Custodian of the Two Holy mosques King Abdullah bin Abdul-Aziz Al Saud -(May Allah have mercy on him) in 1432 AH.

A six-year program, the program commences with the first preparatory year (health field) in the preparatory college. Subsequently, the Dentistry program is followed by five years dedicated to the study of basic and advanced medical and dental courses of the dental medicine & surgery program. The student will conclude his / her academic year with a training year - internship for Excellence - the student exercises his clinical training in the types of dental and medical services

In the field of dentistry, after which the student receives a certificate of Bachelor of Den-tal Medicine & Surgery. The program plan includes 211 hours accrued between universi-ty requirements and general requirements of the specialty. The courses included in the program are approved by the university according to national and international quality systems.

The program is mainly providing the graduated students with different knowledge and skills, theoretical and practical experiences and professional values to deliver medical services and research for the community.

### Program vision

The Bachelor of dental medicine & surgery Program (BDS) is a pioneer in achieving the highest standards of professional education and training in the field of dentistry according to the requirements of the work market at the national and international levels.

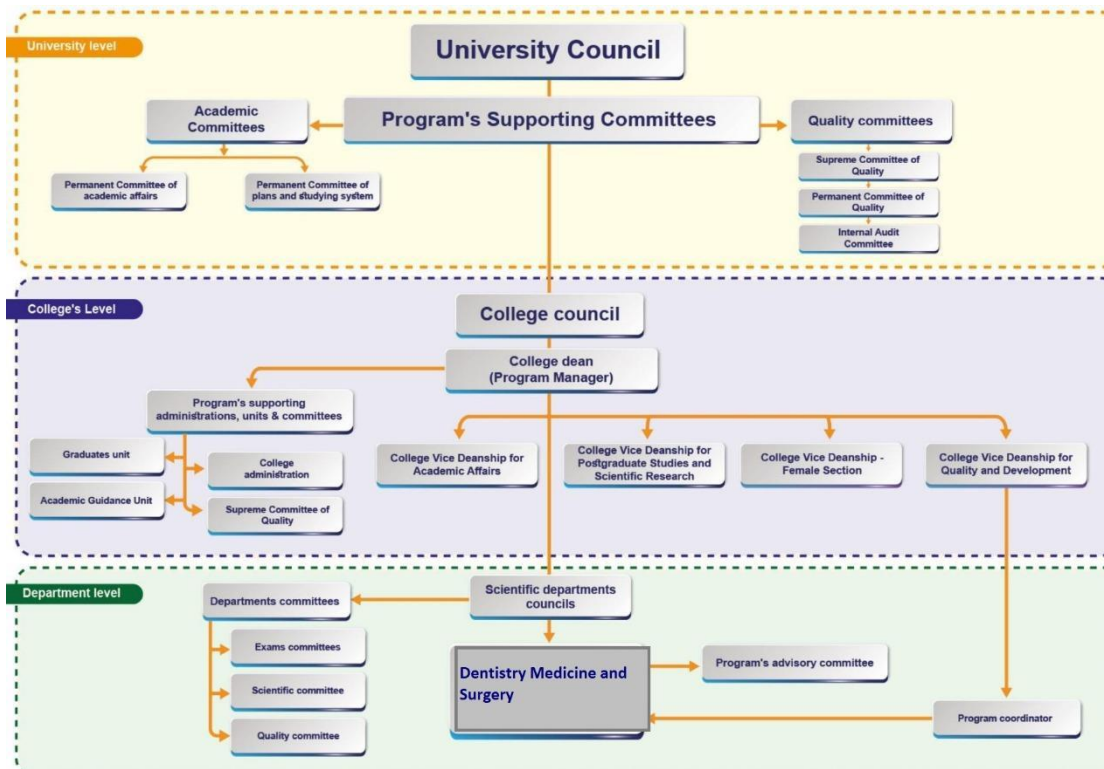
### Program mission

Produce a scientifically and professionally distinguished competitive dentist with active contribution toward oral research and scientific professional programs and providing improved treatment services that fulfill societal needs based on ethical principles.

### Program objectives

1. Prepare a professionally qualified graduate to be competent dental health care professionals.
2. Develop dental scientific research according to community development priorities.
3. Actively contribute to the discipline in the community through the provision of excellent oral health care treatments delivered to a diverse population.
4. Build students' capabilities for utilization of human, knowledge, skills and technical resources for continuously contribution in education programs and lifelong learning.

## Organization chart of program



## Admission requirements

### GENERAL ENTRY REQUIREMENTS FROM UNIVERSITY OF HA'IL

1. The student should be a Saudi national / born to a Saudi mother.
2. The student should be a holder of Grade-12 certificate.
3. The student's Grade-12 certificate must be within 5 year validity.
4. The student must maintain good conduct.
5. Selecting major / specialization upon finishing preparatory year is subject to faculty rules & regulations.
6. All students who pass the health sciences preparatory year will be subjected to the selection process according to their grades accomplished in the preparatory year.

### ENTRY REQUIREMENTS FOR DENTISTRY PROGRAM

1. Students must fulfill all the entry requirements for UOH.
2. Students must pass the health sciences preparatory year and submit to selection process (for dentistry program) by the Deanship of admissions & registrations (depending upon their GPA 3.5 & number of seats available).
3. The student should be medically fit before selecting a major, must pass a medical examination to prove that he/she is free of infectious diseases and physically/mentally healthy to complete the program of study.
4. To pass the acceptance interview.
5. To pass the acceptance exam
6. Students should be proficient in English language with respect to reading, writing & speaking skills.

## Graduation requirements

### REQUIREMENTS FOR COMPLETION OF Bachelor of dental medicine & surgery PROGRAM

1. Students must complete and pass the theoretical and clinical requirements of Dentistry Program courses.
2. Students must spend a 12 months of the internship program with it relative requirements.



## Academic reference standards of program

Bachelor of dental medicine & surgery graduate should be able to demonstrate sound knowledge and skills to be a qualified and effective member dental profession.

By the end of the Dental Surgery Program, the graduate should acquire the following skills:

### 1. Knowledge and Understanding

1. Recognize basic and evidence-based knowledge of all fields of dentistry.
2. Demonstrate knowledge of management of various clinical cases of dentistry and deal with dento-medical emergencies
3. Obtain and interpret patient data, followed by synthesizing and implementing a comprehensive diagnosis and treatment plan and referral plan to manage patients with various dental conditions properly.
4. Practicing oral/dental healthcare by advocating oral/dental health promotion and oral/dental disease prevention based on the Saudi healthcare system's principles for the benefit and wellbeing of individual patients, communities, and populations.

### 2. Skills

1. Apply appropriate communication skills (verbal and written) to interact with dental patients and their families and exchange information, professional knowledge, and experience with professional colleagues.
2. Demonstrate basic research skills by critically appraising the scientific literature related to dentistry and demonstrating the ability to integrate scientific research with clinical practice for optimum evidence-based oral/dental healthcare.



### 3. Values

1. Display of ethical, moral, and legal values in dental practice.
2. Demonstrate excellence in professionalism in dental practice by striking the correct balance between satisfying the patient's demands and maintaining professional standards of appropriate treatment.

### Program intended learning outcomes (PLO's)

#### 1. Knowledge and Understanding

- K1)** Describe anatomical, physiological, histological, and pathological features as well as the microbiological and biochemical composition of dent facial and related structures in health and disease.
- K2)** Explain the clinical and radiographic features for diagnosis and treatment of various conditions of dent facial and related structures.
- K3)** Recall the principles of Diagnosis, prevention and management of Medical and dental conditions, for comprehensive patient rehabilitation

#### 2. Skills

- S1)** Develop critical thinking and reasoning skills based on the principles of fundamental Sciences for management plan of dental disorders.
- S2)** Elucidate the principles from scientific research and literature required to practice Evidence-based dentistry.
- S3)** Communicate effectively with patients, guardians and interdisciplinary teams using verbal and written communication skills for comprehensive dental care.
- S4)** Correlate between the normal and abnormal or facial structures and functions with the clinical and radiological features of oral and dental conditions in health and disease for appropriate management plan.
- S5)** Demonstrate hand-eye coordination skills for clinical examination, diagnosis, and treatment of different clinical, surgical, restorative and preventative procedures to restore

- S6)** Implement management strategies for individual and community health promotion with special emphasis on oral disease Prevention.
- S7)** Apply cognitive and information technology skills in problem-solving and clinical reasoning in academic and clinical dentistry settings

### **3. Values**

- V1)** Adhere to the ethical, professional, and legal responsibilities in research and dental practice.
- V2)** Share collaborative teamwork and leadership values, with a responsibility to maintain professional competence.

## Study plan of program

### FIRST YEAR

FIRST SEMESTER					SECOND SEMESTER				
CODE	COURSE TITLE	CRED	LECT	LAB	CODE	COURSE TITLE	CRED	LECT	LAB
PENG 001	Prep English 1	3	20	0	PENG 003	Prep English 3	3	20	0
PENG 002	Prep English	3	20	0	PENG 008	Prep English 4	3	20	0
PBIO 121	Preparatory Biology	3	2	2	PCHM 121	Preparatory Chemistry	3	2	2
PCOS 001	Prep Computer Skills	2	2	0	PMDC 101	Medical Foundations	2	2	0
PCSK 001	Communication Skills	2	2	0					
PHYS 121	Medical Physics	3	2	2					
<b>TOTAL (CREDIT)</b>		<b>16</b>			<b>TOTAL (CREDIT)</b>		<b>11</b>		

### SECOND YEAR

FIRST AND SECOND SEMESTERS							
CODE	COURSE TITLE	CRED	LECT	LAB	CLINICAL	PRE-REQUISITE	CO-REQUISITE
DBS 212	Dental Anatomy	2	1	1	0		
RDS 217	Dental Biomaterials	2	1	1	0		
DBS 211	Biochemistry	2	1	1	0	2 <sup>nd</sup> SEMESTER ONLY	
DBS 218	Human Anatomy	3	2	1	0		
DBS 214	General Histology & Embryology	2	1	1	0	2 <sup>nd</sup> SEMESTER ONLY	
DBS 219	Human Physiology	3	2	1	0		
ARAB 101	Arabic Language	2	2		1 <sup>st</sup> SEMESTER ONLY		
ARAB 102	Arabic Composition	2	2		2 <sup>nd</sup> SEMESTER ONLY		
IC 101	Intro. to Islamic Culture	2	2		1 <sup>st</sup> SEMESTER ONLY		
IC 102	Islam and society building	2	2		2 <sup>nd</sup> SEMESTER ONLY		
ENGL 110	Advanced English Language	3	3		1 <sup>st</sup> SEMESTER ONLY		
**DBS 225	Introduction to Basic Dental Sciences	1	1		1 <sup>st</sup> SEMESTER ONLY		
<b>TOTAL CREDIT</b>		<b>18 (1<sup>st</sup> semester) + 18 (2<sup>nd</sup> semester) = 36</b>					

## THIRD YEAR

FIRST AND SECOND SEMESTERS							
CODE	COURSE TITLE	CRED	LECT	LAB	CLINICAL	PRE-REQUISITE	CO-REQUISITE
DBS 323	Oral Biology & Histology	2	1	1	0	DBS 214	-
OMF 314	Oral Radiology	2	1	1	0	-	-
RDS 326	Preclinical Operative Dentistry	3	1	2	0	DBS 212, RDS 217	-
RDS 327	Preclinical Removable Prosthodontics	2	1	1	0	RDS 217	-
DBS 321	Microbiology	2	1	1	0	DBS 218, DBS 214	-
DBS 324	Pharmacology	1	0		0	DBS 219	1 <sup>st</sup> SEMISTER ONLY
DBS 313	Dental pharmacology	1	1	0	0	DBS 324	2 <sup>nd</sup> SEMISTER ONLY
DBS 316	General Pathology	1	1	0	0	DBS 214	-
IC 103	Economic system in Islam	2	2	1 <sup>st</sup> SEMISTER ONLY		-	-
IC 104	Basics of political system	2	2	2 <sup>nd</sup> SEMISTER ONLY		-	-
PDS 313	Ethics in dentistry	1	1	1 <sup>st</sup> SEMISTER ONLY		-	-
*PDS 314	Health informatics	1	1	1 <sup>st</sup> SEMISTER ONLY		-	-
**PDS 322	Introduction to Preventive Dentistry	1	1	1 <sup>st</sup> SEMISTER ONLY		-	-
**RDS 328	Introduction to Operative Dentistry	1	1	2 <sup>nd</sup> SEMISTER ONLY		-	-
**OMF 316	Introduction to Laser Dentistry	1	1	2 <sup>nd</sup> SEMISTER ONLY		-	-
TOTAL CREDIT		18 (1 <sup>st</sup> semester) + 17 (2 <sup>nd</sup> semester) = 35					

## FOURTH YEAR

FIRST AND SECOND SEMESTERS							
CODE	COURSE TITLE	CRED	LECT	LAB	CLINICAL	PRE-REQUISITE	CO-REQUISITE
DBS 422	Oral & Maxillofacial Pathology	2	1	1	0	DBS 323, DBS 316	
OMF 413	Oral Diagnosis & Oral Medicine	2	1	0	1	DBS 323, OMF 314	
PDS 416	Periodontics – 1	2	1	0	1	DBS 323	
RDS 413	Clinical Operative Dentistry – 1	2	1	0	1	RDS 326	
RDS 424	Preclinical Endodontics	2	1	1	0	RDS 326, RDS 217	
RDS 415	Clinical Removable Prosthodontics	2	1	0	1	RDS 327	
RDS 425	Preclinical Fixed Prosthodontics	2	1	1	0	RDS 217, RDS 326	
OMF 415	Pain control & exodontia	2	1	0	1	DBS 313, OMF 314	
DBS 415	General Medicine	1	1	0	0	DBS 321, DBS 316	1 <sup>st</sup> SEMISTER ONLY
DBS 417	General Surgery	1	1	0	0	DBS 415, DBS 218	2 <sup>nd</sup> SEMISTER ONLY
TOTAL CREDIT		17 (1 <sup>st</sup> semester) + 17 (2 <sup>nd</sup> semester) = 34					

## FIFTH YEAR

FIRST AND SECOND SEMESTERS							
CODE	COURSE TITLE	CRED	LECT	LAB	CLINICAL	PRE-REQUISITE	CO-REQUISITE
PDS 521	Research Methodology, Biostatistics & Evidence based dentistry	2	1	1	0	2 <sup>nd</sup> SEMISTER ONLY	
PDS 519	Preclinical Pedodontics	2	1	1	0	RDS 413, RDS 424	
PDS 517	Periodontics - 2	2	1	0	1	PDS 416	
PDS 518	Preclinical Orthodontics	2	1	1	0	OMF 314, DBS 323	
RDS 514	Clinical Operative Dentistry - 2	2	1	0	1	RDS 413	
RDS 511	Clinical Endodontics	2	1	0	1	RDS 424	
RDS 512	Clinical Fixed Prosthodontics	2	1	0	1	RDS 425	
OMF 512	Oral and Maxillofacial Surgery	2	1	0	1	OMF 415	
*RDS 522	Integrated digital dentistry	1	1	0	0	1 <sup>st</sup> SEMISTER ONLY	
*RDS 523	Practice management in Dentistry	1	1	0	0	2 <sup>nd</sup> SEMISTER ONLY	
TOTAL CREDIT		15 (1 <sup>st</sup> semester) + 17 (2 <sup>nd</sup> semester) = 32					

## SIXTH YEAR

FIRST AND SECOND SEMESTERS							
CODE	COURSE TITLE	CRED	LECT	LAB	CLINICAL	PRE-REQUISITE	CO-REQUISITE
RDS 616	Comprehensive care clinics	6	2	0	4	RDS 514, RDS 511, RDS 512, RDS 415, OMF 512, PDS 517	
PDS 612	Clinical Pedodontics	2	1	0	1	PDS 519	
PDS 611	Clinical Orthodontics	2	1	0	1	PDS 518	1 <sup>st</sup> SEMISTER ONLY
PDS 615	Oral and Dental Public Health	2	1	1	0	PDS 521	
OMF 611	Advanced Oral & Maxillofacial Surgery	2	1	0	1	OMF 512	
RDS 619	Esthetic dentistry	1	1	0	0	RDS 512, RDS 514	1 <sup>st</sup> SEMISTER ONLY
*RDS 621	Geriatric dentistry	1	1	0	0	RDS 415	2 <sup>nd</sup> SEMISTER ONLY
RDS 618	Dental implantology	2	1	1	0	RDS 415, RDS 512, PDS 517, OMF 512	2 <sup>nd</sup> SEMISTER ONLY
PDS 623	Research project - 1	1	0	1	0	PDS 521	1 <sup>st</sup> SEMISTER ONLY
PDS 624	Research project - 2	1	0	1	0	PDS 623	2 <sup>nd</sup> SEMISTER ONLY
TOTAL CREDIT		16 (1 <sup>st</sup> semester) + 16 (2 <sup>nd</sup> semester) = 32					

TOTAL CREDIT HOURS = 196

## Study Plan Framework

Requirements	Credits
1. University requirements	15
2. Faculty requirements	27
3. Department requirements	154
4. Free courses (from outside the faculty)	0
	196

## Courses description

### Second year

Course Title	Code/No	Credits			
General Histology & Embryology	DBS 214	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This course aims at enhancing study of 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 Title	Code/No	Credits			
Biochemistry	DBS 211	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This course is designed to provide 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.					

Course Title	Code/No	Credits			
Human Anatomy	DBS 218	CRED	LECT	LAB	CLINICAL
		3	2	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> The course contents include anatomy Of the head and neck thorax, thoracic wall and diaphragm, thoracic cavity superior mediastinum, anterior mediastinum, middle mediastinum and heart, posterior mediastinum, pleura, lungs, osteology Of the thoracic wall, abdominal wall, abdominal muscles, back muscles, nervous system, cranial cavity and meningeas, central nervous system, cerebral hemispheres (forebrain, brain stem, cerebellum, spinal cord, cranial nerves, peripheral nerves, brachial plexus and lumbo-sacral plexuses.					



Course Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Dental Biomaterials	RDS 217	2	1	1	0
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

**Course description:**

This is a 2 credit hour course (includes 1 hour of lecture & 2 hours of practical) The course teaches knowledge of the basics of Dental Biomaterials which is essential for the dental students specially those who are in the primary years develops skills through a series of lectures, accompanied by laboratory and or practical sessions.

This course will provide the undergraduate students With the background of the different materials used in dentistry, its characteristics, chemical and physical properties and its manipulation.

Course Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Dental anatomy	DBS 212	2	1	1	0
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

**Course description:**

This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of laboratory exercises). This is the first pre-clinical operative course that consists of one main component, Dental Anatomy and Morphology. It is designed to provide the student with the basic elements of tooth morphology as an essential pre-requisite for other dental courses. The course comprises lectures and practical sessions. Using wax, students restore the missing coronal surfaces of complete tooth models by a wax carving technique. This is designed to reinforce the theoretical knowledge gained in the lectures, as well as contribute towards the development of manual dexterity, a skill which is essential in the practice of dentistry. Identification of natural tooth specimens forms a significant part of the practical component of the course.

Course Title	Code/No	Credits			
Islam and society building	IC102	CRED	LECT	LAB	CLINICAL
		2	2	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( )				
<b>Course description:</b> This course out line has been compiled to meet the need of the students for reconstruction in Islamic society for strengthening the foundation of faith as well as face the challenge of modification helping in purification of thought and character building of students.					

### Third year

Course Title	Code/No	Credits			
Human Physiology	DBS 219	CRED	LECT	LAB	CLINICAL
		3	2	1	0
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This course aims to provide 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 in a clinical setting. This course is taught by the Department of Physiology at the College of Medicine . IN UOH					

Course Title	Code/No	Credits			
General Pathology	DBS 316	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This course deals with the basic concepts of various disease processes relevant to the medical and dental students.					

Course Title	Code/No	Credits			
Microbiology	DBS 321	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
Course description: This course is designed to provide the dental student with the required knowledge, 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 Title	Code/No	Credits			
Pharmacology	DBS 324	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This course is concerned with the general principles in pharmacology including pharmacokinetics and pharmacodynamics and their significance in dental practice. The course gives emphasis on pharmacological actions and therapeutic applications of drugs used or implicated in dentistry. Topics include drugs affecting the autonomic nervous system, antimicrobial agents, and analgesics. A special focus is given for drugs used locally to treat hard and soft tissue ailments and for preparations used locally in the dental practice.					

Course Title	Code/No	Credits			
Oral Biology & Histology	DBS 323	CRED	LECT	LAB	CLINICAL
		2	1	1	0
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of laboratory exercises). This course comprises of the dynamics of oral physiology like Pain Pathway, Taste, Occlusion of teeth, Mastication, Deglutition & Temporomandibular joint, and Mineralization of hard tissues, Calcium & phosphate metabolism and the clinical considerations of the above listed topics. It also covers development of face, oral cavity and related structures is covered in this course. It covers in detail the formation and structure of all the hard & soft tissues of the tooth; namely Enamel, Dentin, Pulp and Cementum. In addition this course also covers the supporting tissues of the teeth like periodontal ligament, alveolar bone, salivary glands and maxillary sinus.					

Course Title	Code/No	Credits			
Preclinical Operative Dentistry	RDS 326	CRED	LECT	LAB	CLINICAL
		3	1	2	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of preclinical exercises). This preclinical course includes a theoretical and practical component. The theoretical component is designed to give the third year students basic cognitive knowledge of the principles, terminology, instruments, materials and techniques utilized in the practice of Operative Dentistry. The practical component provides the student with the initial experience in the application of restorative procedures for managing the carious process on phantom heads.					

Course Title	Code/No	Credits			
Oral Radiology	OMF 314	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )		Second semester ( ✓ )		
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of laboratory exercises).An introduction to dental radiology as a branch of dentistry for diagnostic, treatment planning and following-up purposes. Complete examination of the oral cavity needs both clinical and radiographic investigations, therefore this course of dental radiology offers the way of examining the hidden parts of teeth and their supporting structures. This course is considered as an introductory course that includes lectures, demonstrations and practical applications on the previously given lectures. It is consisted of a series of weekly lectures and practical's covering various intraoral periapical techniques extending over two terms.					

Course Title	Code/No	Credits			
Pre-Clinical Removable Prosthodontics	RDS 327	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 2 hours of preclinical exercises). This is a course pertaining to the study of the basic principles involved in restoration of both partially missing teeth and completely edentulous arches, and associated structures with the removable denture as it relates to comprehensive clinical management and proper rehabilitation of the patient. It is the first course in Removable Prosthodontics, consists of didactic and practical components for both complete and removable partial dentures..					

Course Title	Code/No	Credits			
Ethics in dentistry	PDS 313	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )		Second semester ( )		
<b>Course description:</b> This is a 1 credit hour course (incudes 1 hour of lecture) taken over a single semester of an academic year. This course will review the health care principles used in dentistry to help identify, clarify and support choices when faced with an ethical problem or dilemma. A principle is a general normative standard of conduct that is derived from morality and traditions in health care. Each principle will be presented and discussed with examples from the practice of dentistry and dental hygiene.					

Course Title	Code/No	Credits			
Health informatics	*PDS 314	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( ) Elective (✓)	First semester ( ✓ )      Second semester ( )				
<b>Course description:</b> This is a 1 credit hour course (incudes 1 hour of lecture) taken over a single semester of an academic year. This course introduces students to the healthcare system in the Kingdom. The players, providers, and agencies involved are identified along with their roles and responsibilities. Upon successful completion of this course, students will be able to demonstrate a basic understanding of the healthcare delivery system in the Kingdom, identify the payment systems for healthcare and describe current concepts important to healthcare.					



#### Fourth year

Course Title	Code/No	Credits			
General Medicine	DBS 415	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This course is designed purposely for the dental students to give an overview of the different specialties of general medicine which will be beneficial for their dental practice. The teaching, which consists of a series of lectures, will cover the diagnosis, approach, management and complications of cases which are most likely to be encountered in the dental profession.					

Course Title	Code/No	Credits			
Oral Diagnosis & Oral Medicine	OMF 413	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics). This course is concerned with the diagnosis and non-surgical management of the diseases affecting the oro-facial tissues, especially the oral mucous membrane, but also other associated tissues and structures such as the salivary glands, bone, and the facial tissue. It includes also the management of oral manifestations of systemic diseases.					

Course Title	Code/No	Credits			
General surgery	DBS 417	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This course focuses on the identification and management of the various surgical problems related to the head and neck region in particular. It is directed towards 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.

Course Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Preclinical Endodontics	RDS 424	2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				

**Course description:**

This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of preclinical exercises). This course is expected to:

1. Prepare the student to demonstrate a mastery of the morphology of the pulpal spaces.
2. Prepare the student to demonstrate the ability to state the theoretical and biological principles of every endodontic clinical procedure.
3. Prepare the student to demonstrate a mastery of performing the basic and the fundamental operative procedures in the field of endodontics.
4. Prepare the student to demonstrate a mastery of the dental materials and instruments used in endodontics.
5. Prepare the student to demonstrate the mastery of recognizing the different levels of sophistication and complexity of endodontic cases that his patients present.
5. Prepare the student to be able to evaluate his own clinical competency and know the extent of his diagnosis, treatment planning and operative capabilities.

Course Title	Code/No	Credits			
Clinical Operative Dentistry – 1	RDS 413	CRED	LECT	LAB	CLINICAL
		4	1	0	3
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics). This course 1. Gives an insight to the contemporary concepts of caries prevention, detection and management. 2. Conventional & contemporary Cavity design with minimum cavity extension, materials used in the various conservative procedures, their manipulation and properties. 3. Clinical sessions and demonstrations will help the students to develop skills to utilize the materials in conservative techniques. 4. To impart knowledge for the management and comprehensive dental care of patients requiring complex operative dentistry procedures. 5. To develop acceptable psychomotor skills for the management of complex operative dentistry procedures.					

Course Title	Code/No	Credits			
Preclinical Fixed Prosthodontics	RDS 425	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )	Second semester ( √ )			
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of preclinical exercises). Fixed Partial Prosthodontics is a branch of Prosthetics Dentistry pertaining to the restoration of damage tooth/teeth and the replacement of one or more missing teeth with an artificial substitute that is permanently attached to the prepared abutment. This is the first course in Fixed Prosthodontics designed to familiarize the students about the fabrication of fixed					

prosthodontics and develop the skills in tooth preparation using models. Also, to experience the laboratory aspects in the construction of artificial crown.

Course Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Oral & Maxillofacial Pathology	DBS 422	2	1	1	0
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

**Course description:**

This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of laboratory exercises). 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 Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Periodontics – 1	PDS 416	2	1	0	1
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

**Course description:**

It is a 4 credit hour course (includes 1 hour of Didactic teaching and 3 hours of Clinics). The course training programme commences in the 4th Year BDS with lectures, group discussions and practical exercises. This course consists of a didactic, preclinical, and clinical components with 2 credit Hours. The course will cover the Periodontium in health. The course covers about the etiology, the pathogenesis, and the diagnosis of early periodontal diseases. The course will equip the students with principles and techniques of disease prevention.

Course Title	Code/No	Credits			
Pain control & exodontia	OMF 415	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics). The 4th year Basic Oral Surgery & Pain control is Introductory in nature to the world of Oral surgery. This course draws upon the knowledge gathered by the student in the following subjects like: General & dental anatomy, Pharmacology, Oral diagnosis. The course is divided into 3 sections. Local anesthesia, its administration, Anatomy of the Oral & maxillofacial region relevant to the practice of exodontia and Exodontia. The student is Introduced to the concept of Painless surgery and operative procedures with the use of Local anesthesia. The armamentarium used for the same and the delivery of the local aesthetic agents using various techniques. The student will be taught about the various instruments used in Oral surgery. After the mastery of these basic elements the student is taught about the methods of Dental extraction or Exodontia. The course provides the student with opportunities to administer local anaesthesia in Phantom head models before practicing on actual patients.					

Course Title	Code/No	Credits			
Clinical Removable Prosthodontics	RDS 415	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics). The students are trained how to accomplish the diagnosis and develop accurate treatment planning for removable prosthodontics in both complete and partially edentulous subject, and how to design a definitive removable restoration, through teaching and demonstration of basic clinical procedures with the integration of knowledge and skills in their pre-clinical course.					

Course Title	Code/No	Credits			
General surgery	DBS 417	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This course focuses on the identification and management of the various surgical problems related to the head and neck region in particular. It is directed towards 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.					

**Fifth year**

Course Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Periodontics - 2	PDS 517	2	1	0	1
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

**Course description:**

It is a 2 credit hour course (includes 1 hour of Didactic teaching and 3 hours of Clinics). The course training programme commences in the 5th Year BDS with lectures, group discussions and practical exercises. This course consists of a didactic and clinical component with four credit hours. The course will cover about the etiology and pathogenesis of moderate to advanced periodontal diseases. It also covers the examination, diagnosis, treatment planning of moderate to advanced periodontal diseases. The course covers different treatment modalities of moderate to advanced periodontal diseases including nonsurgical and surgical approaches.

Course Title	Code/No	Credits			
		CRED	LECT	LAB	CLINICAL
Clinical Endodontics	RDS 511	2	1	0	1
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

**Course description:**

This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics). This course is given to the 5th year level students who have successfully completed course NAN 442 in theory and practical part. It continues with the endodontic instruction learned in NAN 442 and elaborates on the theoretical part, while giving students clinical experience and exposure to actual patient treatment. The emphasis of the course is the integration between the clinical and biological principles. The students will be trained to treat endodontic ally involved teeth – anterior and posterior. In addition, they will be trained to manage endodontic emergencies; traumatic injuries.



Course Title	Code/No	Credits			
Oral and Maxillofacial Surgery	OMF 512	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> This Oral & maxillofacial surgery course which is conducted in the 5th year will consist of 1 hour of lecture followed by 3 hours of clinical session in a week. In this course the student will apply and further improve upon the knowledge gathered in the 4th year NAN 462 course which is also a pre-requisite for this course. This course will provide the student with the following to practice oral & maxillofacial surgery at this level: <ol style="list-style-type: none"><li>1. Assess the patient, draw out a treatment plan and execute it by the help of his instructor</li><li>2. Practice the use of local anaesthesia and perform simple Exodontia under supervision</li><li>3. Manage medically compromised patients who require exodontia along with prevention / management of medically emergencies</li><li>4. Recognize &amp; manage dental infections &amp; its sequelae</li><li>5. Basic management of post extraction Haemorrhage</li><li>6. Introduction to the management of odontogenic Cysts &amp; other diseases affecting the maxillary sinus.</li><li>7. Introduction to pre-prosthetic surgery by which a patient is prepared to receive a complete or partial denture with minimal surgical intervention if needed</li></ol>					

Course Title	Code/No	Credits			
Research Methodology, Biostatistics & Evidence based dentistry	PDS 521	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( )	Second semester ( √ )			
<b>Course description:</b> This is a 2 credit hour pre-requisite course for Oral and dental public health (NAN 634). The basic aim of this course is to make students familiar with data and research methodology. The course provides basic understanding of summarizing/analyzing/interpreting and presenting data, its use and implication in research. Others objective include development of knowledge and ability to understand write and cite scientific literature. This course is underpinned by epidemiology, dental public health. The course will provide benefits in development of skills required for proposal and report submission for 6th year Oral and dental public health course.					

Course Title	Code/No	Credits			
Clinical Fixed Prosthodontics	RDS 512	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics). This is the clinical component of the two courses in Fixed Prosthodontics designed to experience the actual treatment procedure in the clinic by the clinicians. It covers the diagnosis and treatment planning, appropriate prosthesis selection, governing principles in tooth preparation, and various clinical patient management, trouble shooting and home care instructions.					

Course Title	Code/No	Credits			
Preclinical Orthodontics	PDS 518	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )	Second semester ( ✓ )			
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour lecture & 2 hours of laboratory) and is taught throughout the two semesters of one academic calendar for the 5th year dental students. It is designed to provide information to the dental students about the basic of orthodontics to comprehensive orthodontic assessment with as much information about orthodontics as is possible in the time allotted.					

Course Title	Code/No	Credits			
Preclinical Pedodontics	PDS 519	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( √ )		
<b>Course description:</b> It is a 2 credit hour course includes 1 hour of Didactic teaching and 3 hour of Laboratory technique. Basic objective of this course is to introduce students to pediatric dentistry, focusing on developing their skills for clinical pediatric course by utilizing the opportunity to learn and development of essential skills requirement by working in laboratory.					

Course Title	Code/No	Credits			
Clinical Operative Dentistry - 2	RDS 514	CRED	LECT	LAB	CLINICAL
		2	1	0	1
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				

### Course description:

This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of clinics).  
This course

1. The course gives an insight to the contemporary concepts of caries prevention, detection and management.
2. Conventional & contemporary Cavity design with minimum cavity extension, materials used in the various conservative procedures, their manipulation and properties.
3. Clinical sessions and demonstrations will help the students to develop skills to utilize the materials in conservative techniques.
4. To impart knowledge for the management and comprehensive dental care of patients requiring complex operative dentistry procedures.
5. To develop acceptable psychomotor skills for the management of complex operative dentistry procedures.

Course Title	Code/No	Credits			
Practice management in Dentistry	*RDS 523	CRED	LECT	LAB	CLINICAL
		1	1	0	0
<b>Prerequisites</b>	<b>Completed preparatory year successfully</b>				
Compulsory ( ✓ ) Elective ( )	First semester ( )      Second semester ( ✓ )				

### Course description:

This is a 1 credit hour course (includes 1 hour of lecture) taken over a single semester of an academic year. It is a comprehensive review of the dental practice model, metrics and key performance systems that are part of every dental practice. It will cover up-to-date and relevant practical and simple dental practice management proven strategies and solutions which will support building, growing, leading or managing any dental practice setting and foster operational effectiveness and real life business principles specific to dentistry. The course involves a combination of learning modes that combine classroom content, knowledge tools to use, customized case scenarios, recommended reading, resource handout and clear path of goals for each step of the way.

Course Title	Code/No	Credits			
Integrated digital dentistry	*RDS 522	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )		Second semester ( )		
<b>Course description:</b> This is a 1 credit hour course (incudes 1 hour of lecture) taken over a single semester of an academic year. This course aims to introduce the 6th year students to basic concepts of digital dentistry like CAD/CAM, milling, 3D printing, 3D radiology etc.					

### SIXTH YEAR

Course Title	Code/No	Credits			
Oral and Dental Public Health	PDS 615	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour lecture & 3 hours field activity) that seeks to qualify the students to meet the needs of the community, predominantly those related to oral health in accordance with the community's social and cultural circumstances. This division organizes and conducts outreach programs and symposia, which are held at health centers, community service centers and other facilities. This division also provides oral health care education and treatment for residents of social care homes.					

Course Title	Code/No	Credits			
Clinical Orthodontics	PDS 611	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> It is a 2 credit hour course (includes 1 hour of Didactic teaching and 3 hours of Clinics) which is given through an academic year over two semesters. A combination of didactic and lab sessions will be undertaken on a weekly basis throughout a period of 30 weeks, in the form of four hour teaching experiences per week. The design of the course will provide the students with reviewing of the basic knowledge of craniofacial growth and development, orthodontic diagnosis, and basic orthodontic techniques.					

Course Title	Code/No	Credits			
Research project - 1	PDS 623	CRED	LECT	LAB	CLINICAL
		1	0	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( )				
<b>Course description:</b> Research Project 1 is designed to introduce dental students to the fundamental aspects of developing a research topic and formulating a research question using the FINER criteria (Feasibility, Innovation, Ethical considerations, Novelty, Relevance). This course, to be taken in the first semester of the sixth year, builds upon the knowledge acquired in previous courses such as Intro to Research and Research Methodology and Biostatistics, enhancing students' capabilities in conducting scientific research.					

Course Title	Code/No	Credits			
Comprehensive care clinics	RDS 616	CRED	LECT	LAB	CLINICAL
		6	2	0	4
Prerequisites	Completed preparatory year successfully				
Compulsory ( ✓ ) Elective ( )	First semester ( ✓ )      Second semester ( ✓ )				
<b>Course description:</b> This is a 6 credit hour course (includes 2 hours of lecture &12 hours of clinics). By the end of this course, the students should be able to: 1. Diagnose different ailments of oral cavity and its related structures using proper diagnostic tools. 2. Develop a comprehensive treatment plan for the prevention and treatment of oral conditions so that each patient can be maintained in or restored to a healthy functioning esthetic condition. 3. Perform competently preventive and therapeutic procedures, which are used by general dentist for the treatment of patients.					



Course Title	Code/No	Credits			
Advanced Oral & Maxillofacial Surgery	OMF 611	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> The 6th year Oral Surgery Course is a continuation of the 5th year course with the same objectives. The course is a didactic and clinical course in advanced Oral and Maxillofacial Surgery. It prepares the student to gain knowledge to carry out minor oral and maxillofacial surgical procedures under local anaesthesia. During the 6th year course, special emphasis is put on the management of oral and maxillofacial injuries, TMJ disorders, oral carcinoma, orthognathic surgery, salivary gland diseases, odontogenic and non-odontogenic tumors of the oral cavity. In addition the basic knowledge related to the field of bone pathology and bone implantology is fully covered.					

Course Title	Code/No	Credits			
Clinical Pedodontics	PDS 612	CRED	LECT	LAB	CLINICAL
		2	1	0	1
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )      Second semester ( √ )				
<b>Course description:</b> It is a 2 credit hour course (includes 1 hour of Didactic teaching and 3 hours of Clinics) teaching students the normal growth of dentition and oral structures and their pathological disorder as well as teaching the students about preventive and therapeutic techniques for inherited and acquired dental problems in children.					

Course Title	Code/No	Credits			
Geriatric dentistry	*RDS 621	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( )	Second semester ( √ )			
<b>Course description:</b> This is a 1 credit hour course (incudes 1 hour of lecture) taken over a single semester of an academic year. Geriatric dentistry is the delivery of dental care to older adults involving the diagnosis, prevention, and treatment of problems associated with normal aging and age-related diseases as part of an interdisciplinary team with other health care professionals.					

Course Title	Code/No	Credits			
Dental implantology	RDS 618	CRED	LECT	LAB	CLINICAL
		2	1	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( )	Second semester ( √ )			
<b>Course description:</b> This is a 2 credit hour course (includes 1 hour of lecture & 3 hours of preclinical exercises). This course is designed to introduce both the basic and advanced concepts and principles related to dental and oral implant ology. The course will cover several topics, including historical perspectives, implant biomaterials, principles of placement, hard and soft tissue reconstructions, restorative principles, and maintenance. The information provided will be beneficial for those who seek professional structured training in implant dentistry.					

Course Title	Code/No	Credits			
Esthetic dentistry	RDS 619	CRED	LECT	LAB	CLINICAL
		1	1	0	0
Prerequisites	Completed preparatory year successfully				
Compulsory (√) Elective ( )	First semester (√ )	Second semester ( )			
<b>Course description:</b> The course is a one-year programme consisting of a one-hour lecture and a three-hour practical session in the first semester of the same year. Aesthetic Dentistry is a specialized field that focuses on enhancing the visual appeal of dental restorations, primarily via the use of colour and form. Aesthetic Dentistry is a crucial course in dentistry that focuses on the simultaneous use of technical and creative skills. This enables students to produce exceptional aesthetic and functional outcomes. In addition, it is essential for them to have a comprehensive understanding of the various aesthetic materials that are accessible, as well as their clinical uses, application methods, and constraints in a practical setting. .In order to excel in Aesthetic dentistry, it is crucial for the dental team to have a deep understanding of the pertinent principles, particularly those related to smile design, and to be knowledgeable about the many treatment approaches that span multiple disciplines. Ensuring efficient communication among the dental team, dental technologist, and especially the patient is crucial in achieving the objectives of aesthetic dentistry, such as patient satisfaction and the prevention of unfulfilled, perhaps unreasonable, expectations. These factors serve as the basis and support for achieving good aesthetic dentistry.					

Course Title	Code/No	Credits			
Research project - 2	PDS 624	CRED	LECT	LAB	CLINICAL
		1	0	1	0
Prerequisites	Completed preparatory year successfully				
Compulsory ( √ ) Elective ( )	First semester ( √ )	Second semester (   )			
<b>Course description:</b> Research Project 2, to be undertaken in the following semester, focuses on the practical implementation of research design, methodology, and ethical considerations in dental research. The course aims to deepen students' understanding of the scientific research process, from design to data analysis, emphasizing the application of ethical practices and data integrity.					

### Program key performance indicator (KPI's)

Standard	Code	Key Performance Indicators	Description
<b>-1- Mission and Goals</b>	<b>KPI-P-01</b>	Percentage of achieved indicators of the program operational plan objectives (i8)	Percentage of performance indicators of the operational plan objectives of the program that achieved the targeted annual level to the total number of indicators targeted for these objectives in the same year
	<b>KPI-P-02</b>	The awareness and support of the teaching staff and administrators of the mission of the program/institution (i2)	Percentage of faculty and program staff who are aware of the program / institution's mission using a questionnaire / interview to the total number of faculty and staff.
<b>-3- Teaching and Learning</b>	<b>KPI-P-03</b>	Students' Evaluation of quality of learning experience in the program (i10)	Average of overall rating of final year students for the quality of learning experience in the program on a five-point scale in an annual survey
	<b>KPI-P-04</b>	Students' evaluation of the quality of the courses (i6)	Average students overall rating for the quality of courses on a five-point scale in an annual survey

Standard	Code	Key Performance Indicators	Description
	<b>KPI-P-05</b>	Completion rate ( <b>i12</b> )	Proportion of undergraduate students who completed the program in minimum time in each cohort
	<b>KPI-P-06</b>	First-year students retention rate ( <b>i1</b> )	Percentage of first-year undergraduate students who continue at the program the next year to the total number of first-year students in the same year
	<b>KPI-P-07</b>	Students' performance in the professional and/or national examinations	Percentage of students or graduates who were successful in the professional and / or national examinations, or their score average and median (if any)
	<b>KPI-P-08</b>	Graduates' employability and enrolment in postgraduate programs ( <b>i14,19</b> )	Percentage of graduates from the program who within a year of graduation were: a. employed b. enrolled in postgraduate programs during the first year of their graduation to the total number of graduates in the same year
	<b>KPI-P-09</b>	Average number of students in the class	Average number of students per class (in each teaching session/activity: lecture, small group, tutorial, laboratory or clinical session)
	<b>KPI-P-10</b>	Employers' evaluation of the	Average of overall rating of employers for the proficiency of the program graduates on a five-point scale in an annual survey

Standard	Code	Key Performance Indicators	Description
		program graduates proficiency (i26)	
	KPI-P-11	Student evaluation of the Value and Quality of Field Activities (i15)	Percentage of students' satisfaction with the presence and quality of field activities during the semester and the academic year at the program / college / university.
-4- Students	KPI-P-12	Students' satisfaction with the offered services (i18,28)	Average of students' satisfaction rate with the various services offered by the program (restaurants, transportation, sports facilities, academic advising, ...) on a five-point scale in an annual survey
-5- Teaching Staff	KPI-P-13	Ratio of students to teaching staff (i9)	Ratio of the total number of students to the total number of full-time and full-time equivalent teaching staff in the program
	KPI-P-14	Percentage of teaching staff distribution a. Gender b. Branches c. Academic Ranking	Percentage of teaching staff distribution based on: a. Gender b. Branches c. Academic Ranking
	KPI-P-15	Proportion of teaching staff leaving the program (i37)	Proportion of teaching staff leaving the program annually for reasons other than

Standard	Code	Key Performance Indicators	Description
			age retirement to the total number of teaching staff.
	KPI-P-16	Percentage of publications of faculty members (i36)	Percentage of full-time faculty members who published at least one research during the year to total faculty members in the program
	KPI-P-17	Rate of published research per faculty member (i42)	The average number of refereed and/or published research per each faculty member during the year (total number of refereed and/or published research to the total number of full-time or equivalent faculty members during the year)
	KPI-P-18	Citations rate in refereed journals per faculty member (i44)	The average number of citations in refereed journals from published research per faculty member in the program (total number of citations in refereed journals from published research for full-time or equivalent faculty members to the total research published)
	KPI-P-19	Relevance of the qualifications and experience of faculty members to the courses they teach (i17)	Percentage of faculty members with qualifications and experience of the courses they are studying compared to the total number of courses offered during the academic year.

Standard	Code	Key Performance Indicators	Description
	<b>KPI-P-20</b>	The percentage of full-time teaching staff members and the others of administrative staff that participate in community services activities (i49)	Number of full-time faculty, other staff and administrators engaged in a community service activity during the academic year compared to the total number of faculty, other staff and administrators
<b>-6- Learning Resources, Facilities, and Equipment</b>	<b>KPI-P-21</b>	Satisfaction of beneficiaries with the learning resources (i13,27,33)	Average of beneficiaries' satisfaction rate with the adequacy and diversity of learning resources (references, journals, databases... etc.) on a five-point scale in an annual survey.



**Facilities (Classrooms – Laboratories - Specialized equipment - ....etc)**

<b>Number of Academic Programs</b>	<b>1</b>
<b>Number of Vice Deanships</b>	<b>4</b>
<b>Numbers of clinics</b>	<b>120</b>
<b>Numbers of Labs</b>	<b>8</b>
<b>Numbers of Classroom</b>	<b>13</b>
<b>Number of Campuses</b>	<b>2</b>

## Clinics







## Labs









## Classroom







## Graduates employment opportunities

**Bachelor of dental medicine & surgery (BDS)** is of the strongest dentistry school program that graduate a special dentist in the Saudi specialization. This specialty poss a high chances and opportunities as general dental practitioner and researcher and teaching assistant in any of these medical field area for examples.

- Governmental and private Hospitals as general dental practitioner.
- Medical care centers (governmental and private as general dental practitioner).
- Special dental clinics as general dental practitioner.
- Dental related medical industries, and working as delegates or supervisors in the dental materials and materials companies.
- Research and development related to dentistry as researcher.
- Supervision jobs in government departments and medical supplies in the Ministry of Health, hospitals and government clinics, and other governmental health facilities.
- Membership of teaching staff in colleges and universities as teaching assistant.
- Supervision jobs in private medical institutions, and other medical professions related to dent.