



**Program Guide,
Faculty of Dentistry**

Prepared by

Faculty Dean

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Coordinator of the Development, Quality and Accreditation Unit

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Contents

	Contents	Page
1	About the Faculty	4
2	Address by His Excellency the Dean of the faculty	5
3	Means of communication with the faculty and its various units	6
4	Faculty organizational structure	6
5	staff members guide	7
6	Vision, mission and core values	10
7	The proposed Study Plan of the Faculty of Dentistry at Najran – University	10
8	Courses description	16
	A- Description of the courses in the Department of Preventive Dentistry	16
	B- Description of the courses of the Department of Dental Restoration Sciences	20
	C- Department of Prosthodontics Sciences	24
	D- Department of Oral and Maxillofacial Surgery and Diagnostic Sciences	27
	E- Description of the courses of the Department of Supplementary Dental Sciences SDS	31
9	Prerequisites for Faculty of Dentistry courses	35
10	Expected Recruiters for Graduates	36
11	Program Goals, Graduate Attributes:	38
12	Program learning outcomes	38
13	Learning Resources, Facilities, and Equipment	39
14	The academic advising system followed in the Faculty of Dentistry	41
15	The executive rules of Najran University regarding the visiting student	43
16	Transfer from one university to another university	44
17	Dental and Surgery Program Admission Requirements	45
18	Field experience of internship year	47

About the Faculty of Dentistry

The Faculty of Dentistry at Najran University is one of the faculties in which the university abounds within the contract of its unique academic system. The Higher Education Council Resolution No. 2962/1, held on November 29, 1428 AH, culminated in the supreme approval No. 1093/MB dated 11/11/1428 AH By approving the establishment of the Faculty of Dentistry at Najran University, and by its opening, it joined its counterparts in the Kingdom to become one of the tributaries of the dental specialty and one of the distinctive edifices in teaching this vital and important specialty.

The Faculty of Dentistry was established at Najran University as one of the faculties of this university that was racing against time to develop its faculties in various health and non-health fields, as a result of the Kingdom's policy to expand in the field of higher education, especially the health disciplines that the Kingdom desperately needs, and with the support of the university administration, the first reception was received A class of students in the year 1430 AH and their number was nineteen students after passing the preparatory year. The faculty started with temporary headquarters and then moved to its new huge building in the university city in the year 1435 AH, and the faculty contains all the modern requirements for education such as :classrooms Sophisticated terraces, laboratories, advanced training equipment, dental clinics equipped with the latest chairs, medical equipment, radiology and sterilization departments. It contains 54 clinics for training students and treating patients, and 103 clinics are under preparation, which gives the student a great opportunity for practical and clinical training and provides services The faculty is now conferring a bachelor's degree in dentistry and surgery, and is looking forward to starting postgraduate studies in the future, Allah willing.

The faculty includes four scientific departments, namely: :

- 1- Department of Preventive Dentistry**
- 2- Department of Restorative Dentistry**
- 3- Department of Prosthodontics**
- 4- Department of Maxillofacial Surgery and Diagnostics.**

Address by His Excellency the Dean of the faculty



Praise be to Allah, Lord of the Worlds, and prayers and peace be upon the noble prophets and messengers, our Prophet Muhammad and his family and companions peace be upon them.

The Deanship of the Faculty believes in the importance of the university student, whom the university administration gives all care and appreciation to take a leading role in promoting the process of construction and achievement. Studying in this program and moving forward to keep pace with the horizons of science towards a comprehensive national vision and the faculty 's realization of the slogan of our leading university, student first,

We welcome you to the Faculty of Dentistry at Najran University and we are pleased to put in your hands the comprehensive program guide that has been prepared to contain the most important information related to the academic aspects, the study plan of the faculty , and all the regulations that concern the university student during his academic career. The guide also includes an introduction to the departments of the faculty and the various departments . There is no doubt that informing the student of the program guide enlightens him on the academic path and avoids what hinders him during the study .

I pray Allah, the Almighty to repay the steps and bless the efforts in achieving what we want from science and knowledge to enhance the march of effective construction, including the pride of this honourable homeland and the achievement of its vision

With all the best of luck and success for all our students.

**Dean of the Faculty of Dentistry
Dr. Ahmed bin Mohammed Al-Shuja Al-Asiry**

Means of communication with the faculty and its various Departments:
E-mail of the scientific departments and clinics in the faculty

sr	DEPARTMENT/UNIT	E-mail
1	Department of Preventive Dentistry	pd_dentistry@nu.edu.sa
2	Department of Restorative Dentistry	rd_dentistry@nu.edu.sa
3	Department of Prosthodontics	p_dentistry@nu.edu.sa
4	Department of Oral and Maxillofacial Surgery	om_dentistry@nu.edu.sa
5	Faculty Clinics	dc_dentistry@nu.edu.sa

sr	Faculty Address:	University City in Najran
1	Twitter	dentistry.nu.edu.sahttp://
2	Faculty email	dentistry@nu.edu.sa
3	Telephone no.	0175428749

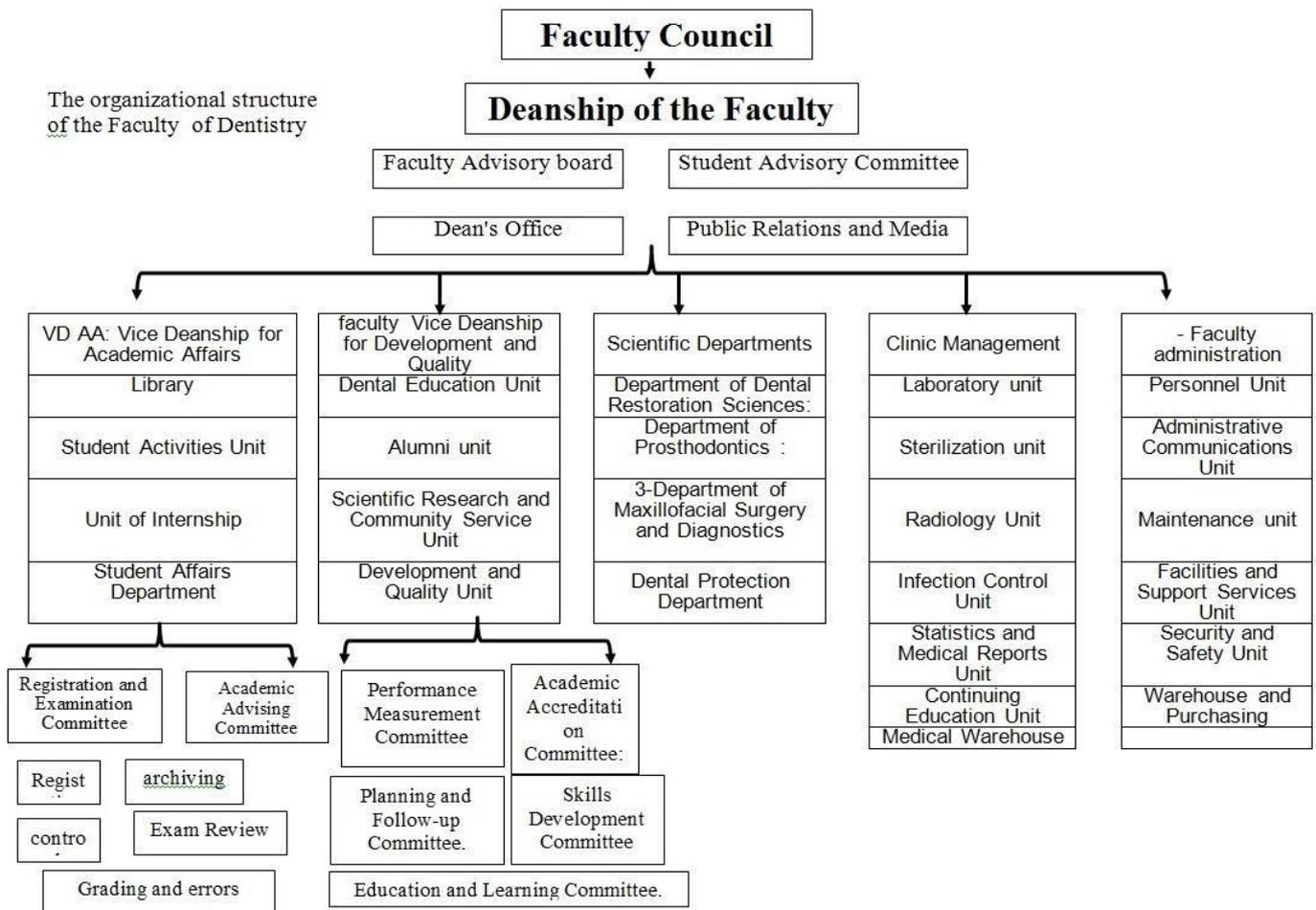
Faculty organizational structure

1- The career structure of the faculty's academic and administrative leaders:

Faculty Dean
Dr. Ahmed bin Mohammed Al-Shuja Al-Asiry
Vice Dean for Academic Affairs and Head of the Department of Prosthodontics
Dr. Khaled Shuwail Al Hindi
Vice Dean for Development and Quality
Dr. Ahmed Alelyani
Head of Department of Restorative Dentistry
Dr. Walid Sayed Abdullah Asiri
Head of Department of Maxillofacial Surgery and Diagnostics
Dr. Mohammed al Ja'ara
Head of Department of Preventive Dentistry
Dr. Abdul Rahman Asiri
Clinic Manager
Dr/ Abdul Majid Al-Shahrany
Coordinator of the Academic Development, Quality and Accreditation Unit
Dr. Abdelnasser Mohammed Imam
Director of Administration
Mr / Ahmed Mohammed laagam Al Saleh

2- Faculty organizational structure

The organizational structure of the Faculty of Dentistry



Staff Members Guide

Faculty Dean		
Dr. Ahmed bin Mohammed Al-Shuja Al-Asiri		amyahia@nu.edu.sa
Vice Deanship for Academic Affairs		
Dr. Khaled Shuwail Al Hindi		kdalhendi@nu.edu.sa
Vice Dean for Development and Quality		
Dr. Ahmed Alelayani		aaalelyani@nu.edu.sa
Head of Department of Restorative Dentistry		
Dr. Walid Sayed Abdullah Asiri	Assistant Professor and Head of Department	wsasiri@nu.edu.sa

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Dr. Rami Al-Hamrani	Demonstrator (in a scholarship)	-----
Department of Prosthodontics		
Dr. Khaled Shuwail Al Hindi	Assistant Professor and Head of Department	kdalhendi@nu.edu.sa
Dr. Abdelnasser Mohammed Imam	Associate professor	amemam@nu.edu.sa
Dr. Osama Hassan Degreeri	Assistant Professor	qhdajriri@nu.edu.sa
Dr.Omair Saeed AlDawah	Assistant Professor	osaldowah@nu.edu.sa
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Dr. Mohammed Hamad Al-Yamy	Demonstrator (in a scholarship)	_____
Dr. Zafer Saleh Al-Qahtani	Demonstrator (in a scholarship)	_____

Department of Preventive Dentistry

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Dr. Mahmoud Talal Talab	Demonstrator (in a scholarship)	-----
Dr. Khaled Mashhour	Demonstrator (in a scholarship)	_____
Dr. Nayef Al-Qanea Al Qahtani	Demonstrator (in a scholarship)	_____

3-Department of Maxillofacial Surgery and Diagnosis

Dr. Mohammed Mohsen al Jaara	Assistant Professor and Head of Department	mmaljarah@nu.edu.sa
Dr/Moataz Ali Hassan	Lecturer	mamuhammed@nu.edu.sa
Dr. Suleiman Al Suhaim	Lecturer	sssuheim@nu.edu.sa
Dr. Fahad Moegeb Al-Yamy	Demonstrator	fmalyami@nu.edu.sa
Dr. Anas Al-Ghamdi	Demonstrator	abalghamdi@nu.edu.sa
Dr. Mohammed Abdullah Al-Asiri	Lecturer (in a Scholarship)	_____
Dr. Ahmed Al Meshari	Demonstrator	_____

Vision

To strive for excellence in dentistry domains locally and regionally.

Mission

Mission of BDS program

Preparing and qualifying highly-efficient and competitive graduates in dentistry, providing excellent dental services for community, and contributing effectively to dental scientific research

Mission of college of dentistry

To prepare competent graduates in the field of dentistry, contribute effectively to scientific research and provide community services through an encouraging educational environment and governed procedures based on national values.

core values

Honesty It is the fulfillment of duties and fulfillment of rights improve

Responsibility : It is a positive interaction with tasks

Truthfulness It is the matching of words to deeds

Patience to be patient

Humility Accepting advice and being civilized in dealing with others

Commitment: It is the fulfillment of a promise and covenant in all transactions

Transparency: It is clarity and impartiality in performing the task

The Initiative: It is the self-motivation to work and

Collaboration The ability to work in a team spirit

Justice: It is giving everyone his right

Mastery and Creativity : Creating an appropriate environment to stimulate creative thinking and distinguished work

The proposed Study Plan of the Faculty of Dentistry at Najran University

Faculty program

At the request of the Faculty of Dentistry, Najran University grants a bachelor's degree in dentistry and its surgery, and the duration of study is 6 academic years to obtain a bachelor's degree, including the preparatory year in addition to a year of internship.

1- Preventive Dental Sciences VDS

No.	Course code	Course title	Credit units	Theo	Pract	Level
1	111VDS	Behavioral science and medical ethics	2	2	0	3
2	211VDS	Preventive dentistry	1	1	0	6
3	311VDS	Periodontal prophylaxis	2	1	3	8
4	411VDS	Pediatric dentistry (preclinical)	2	1	2	9
5	412VDS	Periodontology I	2	1	3	9
6	413VDS	Periodontology II	2	1	3	10
7	414VDS	Pediatric dentistry (clinical)	3	2	3	10

8	415VDS	Orthodontics I	3	2	2	10
9	511VDS	Dental public health & Community dentistry I	2	1	3	11
10	512VDS	Dental public health & Community dentistry II	2	1	3	12
11	513VDS	Orthodontics II	3	2	3	11
12	514VDS	Comprehensive pediatric dentistry clinic	3	1	6	12
Total			26	15	31	
Total contact hours				46		

2- Restorative Dental Sciences RDS

No.	Course code	Course title	Credit units	Theo	Pract	Level
1	121RDS	Dental biomaterial I	1	1	0	3
2	122RDS	Dental biomaterial II	3	2	2	4
3	123RDS	Dental anatomy I	2	1	2	3
4	124RDS	Dental anatomy II	2	1	2	4
5	221RDS	Operative dentistry (preclinical I)	3	1	4	5
6	222RDS	Operative dentistry (preclinical II)	3	1	4	6
7	321RDS	Operative dentistry (clinical I)	3	2	3	7
8	322RDS	Endodontics (preclinical)	2	1	2	8
9	421RDS	Operative dentistry (clinical II)	2	1	3	9
10	422RDS	Endodontics (clinical)	3	2	3	10
11	521RDS	Comprehensive care clinic I	5	1	12	11
Total			29	14	37	
Total contact hours				51		

3- Prosthetic Dental Sciences PDS

No.	Course code	Course title	Credit units	Theo	Pract	Level
1	231PDS	Removable Prosthodontics (preclinical I)	4	2	4	5
2	232PDS	Removable Prosthodontics (preclinical II)	2	1	2	6
3	331PDS	Fixed Prosthodontics (preclinical I)	2	1	2	7
4	332PDS	Removable Prosthodontics (clinical I)	3	2	3	7
5	333PDS	Removable Prosthodontics (clinical II)	3	2	3	8
6	334PDS	Fixed Prosthodontics (preclinical II)	2	1	2	8
7	431PDS	Removable Prosthodontics (clinical III)	3	2	3	9
8	432PDS	Fixed Prosthodontics (clinical I)	3	2	3	9
9	433PDS	Fixed Prosthodontics (clinical II)	3	1	6	10
10	532PDS	Maxillofacial Prosthodontics	2	1	3	11
11	533PDS	Comprehensive care clinic II	5	1	12	12
Total			32	16	43	
Total contact hours				59		

4- Oral and Maxillofacial Surgery Sciences OMS

No.	Course code	Course title	Credit units	Theo	Pract	Level
1	241OMS	Local anesthesia in Dentistry	2	2	0	6
2	251MDS	Oral biology I	3	2	2	5
3	252MDS	Oral biology II	3	2	2	6
4	253MDS	Oral radiology (Preclinical)	2	1	2	6
5	353MDS	Oral radiology (Clinical)	2	1	3	7
6	341OMS	Oral & maxillo-facial surgery I	2	1	3	7
7	342OMS	Oral pathology I	3	2	2	7
8	343OMS	Oral pathology II	3	2	2	8
9	352MDS	Oral diagnosis I	2	1	3	8
10	345OMS	Oral & maxillo-facial surgery II	2	1	3	8
11	422OMS	Oral & maxillo-facial surgery III	3	2	3	9
12	453MDS	Oral diagnosis II	2	1	3	9
13	454MDS	Oral medicine	2	1	3	10
14	443OMS	Oral & maxillo-facial surgery IV	3	2	3	10
15	541OMS	Principles of care of complicated oral surgical cases	2	1	3	12
Total			36	22	37	
Total contact hours				59		

Supplementary medical sciences

No.	Course code	Course title	Credit units	Theo	Pract	Level
1	161 SDS	General anatomy and embryology	3	2	2	3
2	162 SDS	Head and neck anatomy	3	2	2	4
3	163 SDS	Basic histology	2	1	2	3
4	164 SDS	General physiology I	3	2	2	3
5	165 SDS	General physiology II	3	2	2	4
6	166 SDS	General and organic chemistry	2	2	0	3
7	167 SDS	Biochemistry	3	2	2	4
8	168 SDS	Medial physics	2	1	2	4
9	261 SDS	Microbiology and immunology	2	1	2	5
10	262	Oral Microbiology	2	2	0	6

	SDS					
11	263 SDS	General pathology	3	2	2	5
12	264 SDS	Pharmacology	3	2	2	5
13	361 SDS	General surgery, ENT, Ophth, and GA	3	3	0	7
14	362 SDS	General medicine and skin diseases	2	2	0	8
Total			36	26	20	
Total contact hours				46		

The study plan for awarding Bachelor Degree in Dental Surgery from College of Dentistry, Najran University.

The preparatory year

first semester (Level One)			second semester (Level Two)		
Course Code	Course title	Credit Hours	Course Code	Course title	Credit Hours
		(Th+Pra)			(Th+Pra)
140	Reading	2(2+0)	150	General English	3(3+0)
141	Writing	2(2+0)	151	Technical Writing Report	2(2+0)
142	Listening & Speaking	2(2+0)	150	Ethics (1)	1(1+0)
143	Vocabulary & Grammar	2(2+0)	150	Communication Skills (1)	2(2+0)
140	Introduction to Mathematics (2)	2(2+0)	150	Calculus (3)	4(4+0)
140	Learning, Research and thinking skills (1)	2(2+0)			
140	Computer Skills 201	3(3+0)			
Total		15(15+0)	Total		12(12+0)

The First year

first semester (Level Three)			second semester (Level Four)		
Course Code	Course title	Credit Hours	Course Code	Course title	Credit Hours
		(Th+Pra)			(Th+Pra)
111 VDS	Behavioral science & medical ethics	2 (2+0)	122 RDS	Dental biomaterials II	3(2+2)
121RDS	Dental biomaterials I	1(1+0)	124 RDS	Dental anatomy II	2(1+2)

123 RDS	Dental anatomy I	2(1+2)	162 SDS	Head and neck anatomy	3(2+2)
161 SDS	General anatomy & embryology	3(2+2)	165 SDS	General physiology II	3(2+2)
163 SDS	Basic histology	2(1+2)	167 SDS	Biochemistry	3(2+2)
164 SDS	General physiology I	3(2+2)	112 ISLM	Islamic culture	2(2+0)
166 SDS	General and Organic chemistry	2(2+0)	168 SDS	Medical physics	2(1+2)
111 ISLM	Islamic culture	2(2+0)			
Total		17(13+8)	Total		18(12+12)

The Second year

first semester (Level Five)			second semester (Level Six)		
Course Code	Course title	Credit Hours	Course Code	Course title	Credit Hours
		(Th+Pra)			(Th+Pra)
221 RDS	Operative dentistry (preclinical I)	3(1+4)	211 VDS	Preventive dentistry	1(1+0)
231 PDS	Removable prosthodontics (preclinical I)	4(2+4)	222 RDS	Operative dentistry (preclinical II)	3(1+4)
251 MDS	Oral biology I	3(2+2)	232 PDS	Removable prosthodontics (preclinical II)	2(1+2)
261 SDS	Microbiology & immunology	2(1+2)	252 MDS	Oral biology II	3(2+2)
263 SDS	General pathology	3(2+2)	241 OMS	local anesthesia in dentistry	2(2+0)
264 SDS	pharmacology	3(2+2)	253 MDS	Oral radiology (preclinical)	2(1+2)
			262 SDS	Oral microbiology	2(2+0)
Total		18(10+16)	Total		15(10+10)

The Third year

first semester (Level Seven)			second semester (Level Eight)		
Course Code	Course title	Credit Hours	Course Code	Course title	Credit Hours
		(Th+Pra)			(Th+Pra)
321 RDS	Operative dentistry(clinical I)	3(2+3)	351 MDS	Periodontal prophylaxis	2(1+3)
331 PDS	Fixed prosthodontics (preclinical I)	2(1+2)	322 RDS	Endodontics (preclinical)	2(1+2)

332 PDS	Removable prosthodontics (clinical I)	3(2+3)	333 PDS	Removable prosthodontics (clinical II)	3(2+3)
341 OMS	Oral & maxillofacial surgery I	2(1+3)	334 PDS	Fixed prosthodontics (preclinical II)	2(1+2)
342 OMS	Oral pathology I	3(2+2)	352 MDS	Oral diagnosis I	2(1+3)
353 MDS	Oral radiology (clinical)	2(1+3)	345 OMS	Oral & maxillofacial surgery II	2(1+3)
361 SDS	General surgery ,Ophth , ENT ,GA	3(3+0)	343 OMS	Oral pathology II	3(2+2)
			362 SDS	General medicine & skin diseases	2(2+0)
Total		18(12+16)	Total		18(11+18)

The Fourth year

first semester (Level Nine)			second semester (Level Ten)		
Course Code	Course title	Credit Hours	Course Code	Course title	Credit Hours
		(Th+Pra)			(Th+Pra)
411 VDS	Pediatric dentistry (preclinical)	2(1+2)	452 MDS	Periodontology II	2(1+3)
451 MDS	Periodontology I	2(1+3)	412 VDS	Pediatric dentistry (clinical)	3(2+3)
421 RDS	Operative dentistry (clinical II)	2(1+3)	413 VDS	Orthodontics I	3(2+2)
431 PDS	Removable prosthodontics (clinical III)	3(2+3)	422 RDS	Endodontics (clinical)	3(2+3)
432 PDS	Fixed prosthodontics (clinical I)	3(2+3)	433 PDS	Fixed prosthodontics (clinical II)	3(1+6)
453 MDS	Oral diagnosis II	2(1+3)	443 OMS	Oral & maxillofacial surgery IV	3(2+3)
422 OMS	Oral & maxillofacial surgery III	3(2+3)	454 MDS	Oral medicine	2(1+3)
Total		17(10+20)	Total		19(11+23)

The Fifth year

first semester (Level eleven)			second semester (Level Twelve)		
Course Code	Course title	Credit Hours	Course Code	Course title	Credit Hours
		(Th+Pra)			(Th+Pra)
511 VDS	Dental public health & community dentistry I	2(1+3)	512 VDS	Dental public health & community dentistry II	2(1+3)
513 VDS	Orthodontics II	3(2+3)	514 VDS	Comprehensive pediatric dentistry clinic	3(1+6)
521 RDS	Comprehensive care clinic I	5(1+12)	533 PDS	Comprehensive care clinic II	5(1+12)
532 PDS	Maxillofacial prosthodontics	2(1+3)	541 OMS	Principles of care of complicated oral surgical cases	2(1+3)
113 ISLM	Islamic culture	2(2+0)	114 I SLM	Islamic culture	2(2+0)
201 Arb	Arabic Language	2(2+0)	202 arb	Arabic Language	2(2+0)
Total		16(9+21)	Total		16(8+24)

Courses description

1- Preventive Dental Sciences (VDS)

Course title	Behavioral Science and Medical Ethics	Course code	111 VDS
Number of credit hours	2 Hours	Lecture	2 Hours
		Practical	None
Level	L 3		

Course objectives:

The first part aims to give the students the knowledge about development and integration of behavioral sciences and techniques relevant to oral health and diseases. The second part deals with the medical ethics and its impact on the profession.

Course title	Preventive Dentistry	Course code	211 VDS
Number of credit hours	1 Hour	Lecture	1 Hour
		Practical	None
Level	L 6		

Course objectives:

The aim of the course is to introduce and prepare students for the of basic preventive dentistry . So, at the end of the course the students should understand the following:

1. Basic concepts and principles of prevention of dental diseases.
2. Factors involved in the causation of dental caries and periodontal diseases.
3. Different measures for primary prevention of the common dental diseases (dental caries and periodontal diseases).
4. Different program of Dental public health and oral health promotions.
5. Nutrition and diet.

Course title	Periodontal prophylaxis	Course code	311 VDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
level	L 8		

Course objectives

1. To adopt knowledge that governs the principle of periodontal diseases.
2. To provide opportunities for review and analysis of a wide range of patients periodontal conditions.
3. To expand students analytical skills relative to clinical signs and symptoms and treatment of periodontal diseases.
4. To apply and predict the knowledge obtained for the appropriate management of periodontal health

Course title	Pediatric Dentistry (Preclinical)	Course code	411 VDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	2 Hours
Level	L 9		

Course objectives:

The objective of the course is to provide student knowledge thus they should be able to

- Identify dental caries and perform glass ionomer cement restoration in deciduous and permanent teeth using the Atraumatic Restorative Technique.
- Acquire skills to fabricate removable space maintainers
- Perform basic endodontic procedures in deciduous and young permanent dentition and placement of stainless steel crown.

Course title	Periodontology I	Course code	412 VDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
level	L 9		

Course objectives

1. To foster knowledge that governs the principle of periodontal diseases.
2. To provide opportunities for review and analysis of a wide range of patients periodontal conditions.
3. To expand students analytical skills relative to clinical signs and symptoms and treatment of periodontal diseases.
4. To apply and predict the knowledge obtained for the appropriate management of periodontal health

Course title	Periodontology II	Course code	413 VDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
level	L 10		

Course objectives

1. To foster knowledge that governs the principle of periodontal diseases.
2. To provide opportunities for review and analysis of a wide range of patients periodontal conditions.
3. To expand students analytical skills relative to clinical signs and symptoms and treatment of periodontal diseases.
4. To apply and predict the knowledge obtained for the appropriate management of periodontal health

Course title	Pediatric Dentistry (clinical)	Course code	414 VDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Clinical	3 Hours
level	L10		

Course objectives:

To understand the aims and scope of basic clinical pediatric Dentistry, and recognize the importance of recording medical and dental history and oral findings. Also, learning the importance of preventive dental procedures in the clinics and emergency measures.

Course title	Orthodontics I	Course code	415 VDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 10		

Course objectives

This syllabus is suggested with a view to make the student understand the types of cases he can select for of treatment as a general practitioner and how best he can guide the patient and parents. Hence stress should be on the preventive and interceptive principles of Orthodontics.

Course title	Dental Public Health & Community Dentistry I	Course code	511 VDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	3 Hours
Level	L 11		

Course objectives:

This course is designed to provide final year dental student awareness to the principles and activities of Dental Public Health, in addition to knowledge on the application of sciences of epidemiology and biostatistics in dental public health.

Course title	Dental Public Health & Community Dentistry II	Course code	512 VDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	3 Hours
Level	L 12		

Course objectives:

The course will explore the concepts of the dental public health in the light of the oral health problems in the Kingdom of Saudi Arabia. Priority will be placed on practical approaches to program planning, organization and financing of Saudi dental care, practice management and professional ethics. The 'clinical' component of the course will focus on the student developing and implementing a community-based oral health project.

Course title	Orthodontics II	Course code	513 VDS
Number of credit hours	3 Hours	lecture	2 Hours
		Clinical	3 Hours
Level	L 11		

Course objectives

The clinical course introduces the dental student to the practice of clinical orthodontics. The primary goal of this course is to reinforce didactic concepts taught in the previous orthodontic course and build upon them in a manner that will better prepare the student to recognize, communicate and manage orthodontic problems in the general dentistry setting.

Course title	Comprehensive Pediatric Dentistry Clinic	Course code	514 VDS
Number of credit hours	3 Hours	Lecture	1 Hour
		Clinical	6 Hours
Level	L 12		

Course objectives

This is the final clinical course of pediatric dentistry. The course consists of clinical training session. The students are required to provide comprehensive dental treatment for children age 3 to 8 years presenting with a wide range of dental problems. Emphasis of the course will be on patient education and management, treatment planning, prevention of dental disease, restorative procedures, pulp therapy and space management.

Restorative Dental Sciences (RDS)

Course title	Dental biomaterials I	Course code	121 RDS
Number of credit hours	1 Hour	Lecture	1 Hour
		Practical	None
Level	L 3		

Course objectives:

This is a theoretical course directed for the second year, fourth level dental students. The aim of the course is to provide students the knowledge of basic material science which is necessary to enable them to continue learning dental biomaterial. This course is meant to develop an appropriate understanding of the criteria for the selection of materials for specific dental procedures.

Course title	Dental Biomaterial II	Course code	122 RDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 4		

Course objectives:

By the end of this course, the students should be able to deal properly with all kinds of dental materials through the following points :

- Identify various materials used in dentistry
- Use the knowledge they got in Basic Dental Biomaterials Science course to describe fundamental strength and weakness of each material.
- Acquire skills to manipulate all dental materials properly
- Discuss the effect of various clinical procedures on materials' properties
- Take possible precautions to prevent damaging materials
- Deal with the bio-hazards of materials and handle them correctly in a manner that offset or minimize such hazards.

Course title	Dental Anatomy I	Course code	123 RDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	2 Hours
Level	L 3		

Course objectives

At the end of this course the student should be able to:

- 1-Understand , identify and symbolize both lower deciduous and permanent dentition.
- 2-Carve and repair permanent teeth.
- 3- Should know the intra arch and inter arch relationship of permanent teeth with respect to their morphology

Course title	Dental Anatomy II	Course code	124 RDS
Number of credit hours	2 Hours	Lecture	1 Hours
		Practical	2 Hours
Level	L4		

Course objectives

At the end of this course the student should be able to:

- 1-Understand , identify and symbolize both upper deciduous and permanent dentition.
- 2-Carve and repair both deciduous and permanent dentitions.
- 3- Should know the intra arch and inter arch relationship of permanent teeth with respect to their morphology

Course title	Operative Dentistry (Preclinical I)	Course code	221 RDS
Number of credit hours	3 Hours	Lecture	1 Hours
		Practical	4 Hours
Level	L 5		

Course objectives

At the end of this course the student should be able to:

- 1-Understand the concept of operative dentistry and its terminology
- 2- Identify and classify carious lesions
- 3-Describe the dental cavity preparation
- 4-Describe dental matrices and its techniques.

Course title	Operative Dentistry (Preclinical II)	Course code	222 RDS
Number of credit hours	3 Hours	Lecture	1 Hour
		Practical	4 Hours
Level	L 6		
Course objectives 1-Recognize the pulp protection therapy and its types 2-Describe cavity preparation technique for composite 3- Describe glass ionomer , liners and bases			

Course title	Operative Dentistry (Clinical I)	Course code	321 RDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Clinical	3 Hours
Level	L 7		
Course objectives 1. Describe and apply different operation and chair positions 2. Realize and consider the pain , its causes, mechanism and its control technique 3. Should be well versed with all the concepts of sterilization and disinfection in Operative dentistry. 4. Students should be able to obtain a detailed case history of the patient 5. Should be able to deliver local anesthesia whenever require/Should be able to carry out isolation of the operatory field. 6. Perform cavity preparations for amalgam restorations on patients 7-Perform matrix application, fill the restorative material, condense, burnish and carve the filled restoration on patients. 8. Comply finishing and polishing of the completed amalgam restorations on patients			

Course title	Endodontics (Preclinical)	Course code	322 RDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	2 Hours
Level	L 8		
Course objectives By the end of the course the student should have 1. Describe pulp anatomy , morphology and physiology 2. Basic knowledge of radiographic techniques 3. Basic knowledge of pulp chamber access opening 4. Basic knowledge of chemomechanical preparation of root canal space and basic knowledge of obturation techniques of the root canal space on extracted teeth.			

Course title	Operative Dentistry (Clinical II)	Course code	421 RDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
Level	L 9		

Course objectives

1. Should maintain strict protocol of sterilization and disinfection in Operative dentistry
2. Students should be able to obtain a detailed case history of the patient and treatment plan
3. Understand the concept of selection of proper restorative material and its biological affect
4. Should be able to deliver local anesthesia with more confidence whenever required.
5. Should be able to carry out isolation of the operatory field.
6. Perform cavity preparations for composite restorations on patients
7. Perform finishing and polishing for the completed composite restorations
8. Actively participate in demonstrations involving Inlays and Onlays.

Course title	Endodontics (Clinical)	Course code	422 RDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Clinical	3 Hours
Level	L 10		

Course objectives

By the end of the course the student should have thorough Knowledge of endodontic diagnosis and treatment planning, Should be able to select the case for endodontics keeping its prognosis in mind and should be able to deliver the treatment with utmost care.

Course title	Comprehensive care clinic I	Course code	521 RDS
Number of credit hours	5 Hours	Lecture	1 Hour
		Clinical	12 Hours
Level	L 11		

Course objectives

At the end of the course the student is expected to:

1. Handle and treat the patient comprehensively
2. Be able to carry out necessary investigations
3. Be able to diagnose/plan and deliver the treatment to the patient
4. Fulfill certain clinical requirements in a comprehensive manner
5. Follow up the patient to evaluate the prognosis
- 6- Focus on lectures which are based on advanced concepts

Prosthetic Dental Sciences (PDS)

Course title	Removable prosthodontics (Preclinical I)	Course code	231 PDS
Number of credit hours	4 Hours	Lecture	2 Hours
		Practical	4 Hours
Level	L5		
<p><u>Course objectives</u></p> <ol style="list-style-type: none"> 1. The primary goal of this course is to familiarize the students with different materials necessary for the fabrication of complete dentures. 2. The student should be able to correlate clinical procedures with laboratory steps. 3. The student should demonstrate the basic knowledge and fundamentals necessary for laboratory steps of complete denture construction. 			

Course title	Removable Prosthodontics (Preclinical II)	Course code	232 PDS
Number of credit hours	2 Hours	Lecture	1 Hours
		Practical	2 Hours
Level	L 6		
<p><u>Course objectives</u></p> <ol style="list-style-type: none"> 1. The primary goal of this course is to familiarize the student with different materials and techniques necessary for the fabrication of RPD. 2. The student should be able to correlate clinical procedures with laboratory steps. 3. The student should demonstrate the basic knowledge and fundamentals necessary for laboratory steps of RPD construction 			

Course title	Fixed Prosthodontics (Preclinical I)	Course code	331 PDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	2 Hours
Level	L 7		
<p><u>Course objectives</u></p> <p>Familiarized the student with the biological and laboratory processes in fixed Prosthodontics by building up his skills in using the materials and instruments used in constructing fixed prosthesis</p>			

Course title	Removable Prosthodont. (Clinical I)	Course code	332 PDS
Number of credit hours	3 Hours	lecture	2 Hour
		clinical	3 Hours
Level	L 7		

Course objectives

1. The primary goal of this course is to familiarize the student with biological, mechanical as well as the aesthetic aspects of complete denture construction.
2. The student should be able to correlate clinical findings with the treatment planning suggested to fabricate successful complete dentures.
3. The student should demonstrate the basic knowledge and fundamentals necessary for clinical steps of complete denture construction.
4. The student should be aware of the various techniques and philosophies regarding fabrication of complete dentures.

Course title	Removable Prosthodontics (Clinical II)	Course code	333 PDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Clinical	3 Hours
Level	L 8		

Course objectives:

1. The primary goal of this course is to familiarize the student with biological, mechanical as well as the aesthetic aspects of partial denture construction.
2. The student should be able to correlate clinical findings with the treatment planning suggested to fabricate successful partial dentures.
3. The student should demonstrate the basic knowledge and fundamentals necessary for clinical steps of partial denture construction.
4. The student should be aware of the various techniques and philosophies regarding fabrication of partial dentures.

Course title	Fixed Prosthodontics (Preclinical II)	Course code	334 PDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	2 Hours
Level	L 8		

Course objectives

The course prepares the student to apply factors of biological and mechanical design for the preparation of teeth for extra coronal cast gold, porcelain fused to metal and all ceramic restorations

Course title	Removable Prosthodontics. (Clinical III)	Course code	431 PDS
Number of credit hours	3 Hours	lecture	2 Hours
		Clinical	3 Hours
Level	L 9		

Course objectives

The advanced Prosthodontics course introduces the student to the principles of advanced Prosthodontics treatment . the basic clinical principles of managing completely edentulous patient with special prosthetic designs are presented to the students

Course title	Fixed Prosthodontics (Clinical I)	Course code	432 PDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Clinical	3 Hours
Level	L 9		

Course objectives

Developing the student's knowledge base, both theoretically and clinically, for attaining precise and predictable clinical outcomes. The clinical phase seeks to equip the student with the fundamental skills for sound clinical Fixed Prosthodontics practice through the comprehensive management of a given number of clinical cases.

Course title	Fixed Prosthodontics (Clinical II)	Course code	433 PDS
Number of credit hours	3 Hours	Lecture	1 Hour
		Clinical	6 Hours
Level	L 10		

Course objectives

Developing the student's knowledge base, both theoretically and clinically, for attaining precise and predictable clinical outcomes. The clinical phase seeks to equip the student with the fundamental skills for sound clinical Fixed Prosthodontics practice through the comprehensive management of a given number of clinical cases.

Course title	Maxillofacial prosthodontics	Course code	532 PDS
Number of credit hours	2 Hours	Lecture	1 Hours
		Clinical	3 Hours
Level	L 11		

Course objectives

4. The primary goal of this course is to familiarize the student with the field of maxillofacial prosthetic rehabilitation.
5. The student should be able to apply the basic prosthodontic principles on maxillofacial prostheses.
6. The student should demonstrate the basic knowledge and fundamentals necessary to rehabilitate patients with either an acquired or a congenital defects.

Course title	Comprehensive care clinic II	Course code	533 PDS
Number of credit hours	5 Hours	Lecture	1 Hour
		Clinical	12 Hours
Level	L 12		
<p><u>Course objectives</u></p> <p>At the end of the course the student is expected to:</p> <ol style="list-style-type: none"> 1. Handle and treat the patient comprehensively 2. Be able to carry out necessary investigations 3. Be able to diagnose/plan and deliver the treatment to the patient 4. Fulfill certain clinical requirements in a comprehensive manner 5. Follow up the patient to evaluate the prognosis 6- Focus on lectures which are based on advanced concepts 			

Department of Oral and Maxillofacial Surgery Sciences (OMS)

Course title	Local anesthesia in dentistry	Course code	241 OMS
Number of credit hours	2 Hours	Lecture	2 Hours
		Practical	None
Level	L 6		
<p><u>Course objectives</u></p> <p>The student should be familiar with a sufficient background in neuroanatomy of the trigeminal nerve, with different techniques of local anesthesia and local anesthetic agents and possible complications of their applications</p>			

Course title	Oral & Maxillofacial surgery I	Course code	341 OMS
Number of credit hours	2 Hours	Lecture	1 hour
		Clinical	3 Hours
Level	L 7		

Course objectives

The course provides the undergraduate students with basic information and skills to assess the dentition and tissues of the oral cavity, and be able to make the necessary judgment to perform exodontia, manages impacted teeth and deals with the expected complications,

Course title	Oral pathology I	Course code	342 OMS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 7		

Course objectives

The student will be informed about the nature, identification, causes, processes, effect and management of diseases affecting oral and maxillofacial regions. The course is designed to enable the students to diagnose different diseases using clinical, radiographic, microscopic

features as well as biochemical and other analytical methods.

Course title	Oral pathology II	Course code	343 OMS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 8		

Course objectives

The student will be informed about the nature, identification, causes, processes, effect and management of diseases affecting oral and maxillofacial regions. The course is designed to enable the students to diagnose different diseases using clinical, radiographic, microscopic features as well as biochemical and other analytical methods.

Course title	Oral & Maxillofacial surgery II	Course code	345 OMS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hour
Level	L 8		

Course objectives

- 1- The course provides the undergraduate students with basic information and skills to examine, diagnose and treat most of oral odontogenic infections.
- 2- The course provides the undergraduate students with basic information and skills to examine, diagnose and treat most of oro-fascial cysts.

Course title	Oral & Maxillofacial surgery III	Course code	422 OMS
Number of credit hours	3 Hours	Lecture	2 Hours
		Clinical	3 Hours
Level	L 9		

Course objectives

- 1- Provides the undergraduate students with basic information about facial trauma.
- 2- Providing the basic information and skills to diagnose manage maxillary sinus problems of odontogenic origin
- 3- Providing the basic information and skills to examine and manage surgically simple cases with denture bearing area abnormalities diagnose manage
- 4- Gaining the necessary information about temporomandibular joint and their management.
- 5- Providing students with basic information about the systemic diseases relevant to oral surgical management ..

Course title	Oral & Maxillofacial surgery IV	Course code	443 OMS
Number of credit hours	3 Hours	Lecture	2 Hours

		Clinical	3 Hours
Level	L 10		
Course objectives			
<ul style="list-style-type: none"> 1- Orientation of the students about oral tumors with special attention to early diagnosis of oral cancer' 3- Congenital and acquired oro-facial deformities and principles of reconstruction 1- Providing the basic information and skills to diagnose manage salivary glands problems of odontogenic origin 2- Cleft lip and palate and principles of their repair. 3- Recognizing the principles of implantology 			

Course title	Principles of care of complicated oral surgical cases	Course code	541 OMS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
Level	L 12		
Course objectives			
Provide the students with information and skills to work in dental clinics, and operating rooms and dealing with common cases and affecting the treatment plans and the role of the dentist in dealing with such cases to ensure that the resurrection of the treatment needed without damage to the patient's condition.			
Course description			
Gaining the necessary information for OR protocol			
Soft tissue and bone reconstruction , principles and indications in maxillofacial surgery			
Management of critical cases facial infection			
Common Systemic diseases that complicate oral surgical procedures.			
The Common complications of oral surgical procedures			

Course title	Oral biology I	Course code	251 MDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 5		
Course objectives			
This course allows the student to know the principles of oral histology and detailed description of different normal oral tissues to be able to recognize any pathological changes.			

Course title	Oral biology II	Course code	252 MDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 6		
Course objectives			

This course allows the student to know the principles of oral histology and detailed description of different normal oral tissues to be able to recognize any pathological changes.

Course title	Oral radiology (Preclinical)	Course code	253 MDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Practical	2 Hours
Level	L 6		

Course objectives

The student will be familiar with radiation physics and imaging principles focusing on intraoral radiographs regarding production, processing errors and reporting

Course title	Oral radiology (clinical)	Course code	353 MDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
Level	L 7		

Course objectives

The student should know the principles and application of digital oral radiography and new diagnostic modalities. Also should gain enough skills in radiographic differential diagnosis.

Course title	Oral diagnosis I	Course code	352 MDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
Level	L 8		

Course objectives

1. Enhancements of knowledge that governs the principle of oro-dental diseases diagnosis to provide opportunities for review and analysis of a wide range of patients case history.
2. Expanding students analytical skills relative to clinical signs and symptoms and adjunctive special investigations of oro-dental diseases.
3. Applying and predicting the knowledge obtained for the appropriate diagnosis of oro-dental diseases

Course title	Oral diagnosis II	Course code	453 MDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
Level	L 9		

Course objectives

1. Inhancement of knowledge that governs the principle of oro-dental diseases diagnosis to provide opportunities for review and analysis of a wide range of patients case history.

2. Expanding students analytical skills relative to clinical signs and symptoms and adjunctive special investigations of oro-dental diseases.
3. Applying and predicting the knowledge obtained for the appropriate diagnosis of oro-dental diseases

Course title	Oral medicine	Course code	454 MDS
Number of credit hours	2 Hours	Lecture	1 Hour
		Clinical	3 Hours
Level	L 10		

Course objectives

Preparation of the dentist to be a primary care providers for patients with mucosal disease by reviewing and analysis of a wide range of oral diseases for the appropriate diagnosis, prognosis and treatment of oral diseases.

Supplementary Dental Sciences SDS

Course title	General anatomy and embryology	Course code	161 SDS
Number of credit hours	3 Hours	lecture	2 Hours
		Practical	2 Hours
Level	L 3		

Course objectives

This anatomy course aims at giving dental students a solid and useful foundation in basic embryology and applied anatomy upon which they will be able to build the further knowledge they will learn in later years to help make them better doctors for tomorrow. The aim of this new approach to the subject is to replace the old teaching style that focused on many academic details, which had little or no clinical relevance with a more clinically oriented content

Course title	Head and neck anatomy	Course code	162 SDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hour
Level	L 4		

Course objectives

This course aims at giving dental students a solid and useful foundation in basic and applied anatomy upon which they will be able to build the further knowledge they will learn in later years to help make them better doctors for tomorrow. The aim of this new approach to the subject is to replace the old teaching style that focused on many academic details, which had little or no clinical relevance with a more clinically oriented content. Now we would like to show and convince the student at the same time that all which is being offered “can and will be used” in his pre-, para-, or clinical study years and future career.

Course title	Basic Histology	Course code	163 SDS
Number of credit hours	2 Hours	Lecture	1 Hours
		Practical	2 Hours
Level	L3		

Course objectives

The aim of the course is to introduce students to aspects of the cell structure and the basic histology of the different body tissues relevant to the practice of dentistry.

Course title	General Physiology I	Course code	164 SDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 3		

Course objectives

Our concept is (physiology is the straight forward way for all medical topics and legal father for clinical workers). Through our chosen courses we prepare the future dentists to be oriented by normal and deal with the commonest medical problems along their clinical life. These chosen courses satisfy our goals and coincide with the time available. The course will be supported by some practical skills and some clinical problems to be solved. We are not going to prepare a physiologist from faculty of dentistry but we share in preparing a well oriented and a successful dentist.

Course title	General physiology II	Course code	165 SDS
Number of credit hours	3 Hours	lecture	2 Hours
		Practical	2 Hours
Level	L 4		

Course objectives

1. Our concept is (physiology is the straight forward way for all medical topics and legal father for clinical workers).
2. Through our chosen courses we prepare the future dentists to be oriented by normal and deal with the commonest medical problems along their clinical life.
3. These chosen courses satisfy our goals and coincide with the time available.
4. The course will be supported by some practical skills and some clinical problems to be solved.
5. We are not going to prepare a physiologist from faculty of dentistry but we share in preparing a well oriented and a successful dentist

Course title	General & Organic Chemistry	Course code	166 SDS
Number of credit hours	2 Hours	Lecture	2 Hours
		Practical	None
Level	L3		

Course objectives

- 1- The bulk of introduction to general and organic chemistry gives a wide knowledge of the principles of general and organic chemistry
- 2- The key features provides the chemical principles to health related problems presented in the course
- 3- Enhancement the skills related to the application of organic and inorganic points in our daily life

Course title	Biochemistry	Course code	167 SDS
Number of credit hours	3 Hours	lecture	2 Hours
		practical	2 Hours
Level	L 4		

Course objective

1. To provide an introduction to the principles of biochemistry.
2. To provide an explanation of the relationship between the three- dimensional structure of macromolecules and their biological activities.
3. To give the students insight into appreciating how understanding of metabolic processes occurring in the mammalian body, could contribute to the understanding and explanation of pathological phenomena.
- 4 To make the students familiar with the various control and integrating mechanisms of diverse biochemical events in different metabolic processes,
- 5- To give the students an information to the principles of nucleic acids, cell cycle replication of DNA, transcription, and translation, genetic code and mutation

Course title	Medical Physics	Course code	168 SDS
Number of credit hours	2 Hours	lecture	1 hour
		Practical	2 Hours
Level	L 4		

Course objectives

- 1- Define the terminology of medical physics;
- 2- Develop basic understanding of medical physics concepts;
- 3- Understanding the possibility of radiation hazards (Ionizing and non ionizing radiation) in medicine;
- 4- Describe an imaging system and break it down into its components and physical principles, for each of the imaging modalities covered (x-ray, CT, NM, US, MRI);
- 5- Obtain the knowledge required to responsible for radiation protection and safety of medical equipments;
- 6- Enhance the background knowledge of the principles of medical instruments;
- 7- Describe the general knowledge in medical physics of the human body.

Course title	Microbiology and Immunology	Course code	261 SDS
Number of credit hours	2 Hours	Lecture	1 Hour

		Practical	2 Hours
Level	L 5		
Course objectives			
<p>The course is designed for undergraduate dental students to provide them with basic knowledge about bacteria, viruses, fungi and parasites related to human infections and diseases with description of control and preventive measures by sterilization, disinfection, and antimicrobial chemotherapeutics for safe dental practice. In addition the course includes concise aspects of the host immune system components and the different immunological protective mechanisms against these pathogens.</p>			

Course title	Oral Microbiology	Course code	262 SDS
Number of credit hours	2 Hours	Lecture	2 Hours
		Practical	None
Level	L 6		
Course objectives			
<p>The course is complementary to Microbiology and Immunology course and is designed to provide the dental students description of oral microbial infections microbiology of dental caries , periodontal diseases, dentoalveolar infections, cross infections in dental clinics and infection control measures for safe dental practice.</p>			

Course title	General pathology	Course code	263 SDS
Number of credit hours	3 Hours	Lecture	2 Hours
		Practical	2 Hours
Level	L 5		
Course objectives			
<p>This course has been designed to provide you with a practical approach to general and systemic pathology. The lectures and laboratories provide information and practice needed to develop an introductory level of proficiency in formulating differential diagnoses through the interpretation of gross and microscopic changes in various organs and their correlation with clinical, radiologic and laboratory tests.</p>			

Course title	Pharmacology	Course code	264 SDS
Number of credit hours	3 Hours	lecture	2 Hours
		practical	2 Hours
Level	L 5		
Course objectives			
<p>The course is concerned with general principles of pharmacology including pharmacokinetics and pharmacodynamics and their significance in dental practice. The course gives emphasis on the pharmacological actions, adverse effects and clinical applications of drugs implicated in dentistry</p>			

Course title	General Surgery, ENT , Ophthalmology &	Course code	361 SDS
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	General anesthesia		
Number of credit hours	3 Hours	Lecture	3 Hours
		Clinical	None
Level	L 7		

Course objectives

1. Identification and discussion of the general principles of surgical procedures and surgical complications encountered during dental procedures
2. Identification and discussion of the oral manifestation of some diseases of the ear, nose and throat and effect of some oral procedures or diseases on the ear, nose and throat
3. Identification and discussion of the structures of the eye ball, orbit, its contents and the lachrymal apparatus and effect of some oral procedures or diseases of the eye and the reverse
4. Full knowledge about general anesthetic techniques, anesthesia on dental chair and CPR.

Course title	General medicine and skin diseases	Course code	362 SDS
Number of credit hours	2 Hours	Lectures	2 Hours
		Clinical	None
Level	L 8		

Course objectives

This course will introduce the dental students to various medical specialists and will allow him to understand and treat the whole patient with a greater understanding of general medicine, medical specialties. The course is aimed at teaching the student the principles of internal medicine as they pertain to provision of dental care. This course focuses on the etiology, incidence and treatment of disease including diseases of the endocrine system, neurological diseases and oncology. There is also a course on skin and venereal diseases and their oral manifestations.

Pre-requisites for courses in the Faculty of Dentistry

Code	Course.	Level	Code	Pre-requisite	Level
3 صاس	Characteristics of Biomaterials in Dentistry 2	Fourth:	121 صاس/1	Characteristics of Biomaterials in Dentistry 1	Third:
124 صاس/2	Dental anatomy 2	Fourth:	123 صاس/2	Dental anatomy 1	Third:
162 ندى/3	Anatomy of the head and neck	Fourth:	161 ندى	General anatomy and embryos.	Third:
165 ندى	Physiology2	Fourth:	164 ندى/3	Physiology1	Third:
222 صاس/3	Pre-Clinical Dental Repair(2)	Sixth:	221 صاس/3	Pre-Clinical Dental Repair(1)	Fifth:

232 ساس/2	Pre-Clinical Mobile Prosthodontics2	Sixth:	231 ساس/4	Pre-Clinical Dental Prosthodontics (1)	Fifth:
262 ندس-2	Oral Microbiology	Sixth:	261 ندس-2	Microbiology and Immunology	Fifth:
252 ظنت-3	Oral and Tissue Biology 2	Sixth:	251 ظنت-3	Oral and Tissue Biology -1	Fifth:
321 صاس/3	Clinical Dental Repair(1)	Seventh	222 صاس/3	Pre-Clinical Dental Repair(2)	Sixth:
341 جرح 2 2	Maxillofacial (1)	Seventh	241 جرح 2 2	Local anesthesia in dentistry	Sixth:
353 ظفت 2 2	clinical Oral Radiology	Seventh	253 ظفت-2	Preclinical Oral Radiology	Sixth:
332 ساس/3	Clinical Mobile Prosthodontics(1)	Seventh	232 ساس/2	Pre-Clinical Dental Prosthodontics (2)	Sixth:
311 وؤس-2	Preventive gingivotherapy	Eighth:	211 وؤس-1	Preventive dentistry	Sixth:
421 صاس/2	Clinical Dental Repair(2)	Ninth	321 صاس/3	Clinical Dental Repair(1)	Seventh
345 جرح 2 2	Maxillofacial (2)	Eighth:	341 جرح 2 2	Maxillofacial (1)	Seventh
343 جرح-3	Diagnosis of oral diseases - (2)	Eighth:	342 جرح 3 2	Ooral diseases Science - (1)	Seventh
334 ساس/2	Pre-Clinical Dental fixed Prosthodontics (2)	Eighth:	331 ساس/2	Pre-Clinical Dental fixed Prosthodontics (1)	Seventh
333 ساس/3	Clinical Mobile Prosthodontics(2)	Eighth:	332 ساس/3	Clinical Mobile Prosthodontics(1)	Seventh
422 صاس/3	Pre-Clinical Pulp and Root Treatment	Tenth:	322 صاس/2	Pre-Clinical Pulp and Root Treatment	Eighth:
422 جرح 3 2	Maxillofacial (3)	Ninth	345 جرح 2 2	Maxillofacial (2)	Eighth:
431 ساس/3	Clinical Mobile Prosthodontics(3)	Ninth	333 ساس/3	Clinical Mobile Prosthodontics(2)	Eighth:
432 ساس 3 3	Pre-Clinical Dental fixed Prosthodontics (1)	Ninth	334 ساس 2 3	Pre-Clinical Dental fixed Prosthodontics 2	Eighth:
412 وؤس-2	Diseases of Peri-dental Tissue - 1	Ninth	311 وؤس-2	Preventive gingivotherapy	Eighth:
453 ظنت-2	Diagnosis of oral diseases - 1	Ninth	352 ظنت-2	Diagnosis of oral diseases - 1	Eighth:

Code	Course.	Level	Code	Pre-requisite	Level
443 جرح 3 2	Maxillofacial (4)	Tenth:	422 جرح 3 2	Maxillofacial (3)	Ninth
413 وئس-2	Diseases of Peri-dental Tissue - 1	Tenth:	412 وئس-2	Diseases of peri-dental tissue1	Ninth
414 وئس-3	Clinical pediatric dentistry	Tenth:	411 وئس-2	Pediatric Pre-Clinical Dentistry	Ninth
433 ساس 3	Pre-Clinical Dental fixed Prosthodontics (2)	Tenth:	432 ساس 3 3	Pre-Clinical Dental fixed Prosthodontics (1)	Ninth
521 صاس/5	Comprehensive treatment 1	Eleventh	421 صاس/2	Clinical Dental Repair(2)	Ninth
			422 صاس/3	Pre-Clinical Pulp and Root Treatment	Tenth:
			443 جرح 3 2	Maxillofacial (4)	Tenth:
			413 وئس-2	Diseases of Peri-dental Tissue - 1	Tenth:
513 وئس-3	Orthodontics -2	Eleventh	415 وئس-3	Orthodontics -1	Tenth:
514 وئس-3	Pediatric dentistry comprehensive treatment	Twelfth Level	414 وئس-3	Clinical pediatric dentistry	Tenth:
533 ساس 5 3	Comprehensive treatment 2	Twelfth Level	521 صاس/5	Comprehensive treatment 1	Eleventh
512 وئس-2	Community Dentistry and Public 2 العامّة	Twelfth Level	511 وئس-2	Community Dentistry and Public 1 العامّة	Eleventh

Professional licensed occupation:

General Practitioner for oral and dental surgery in:

- Ministry of health: Hospitals in Government or Private sectors. Primary healthcare centers and specialized dental centers.
- Education: Universities and Colleges.
- Armed Forces, National Guard and Security Forces.
- Self-Employment Programs in government sectors.
- Self-Employment

. Reasons for Establishing the Program:

- According to the growing economy of Saudi Arabia, this necessitates an increase in the provision of health services to all of the country's regions.
- To graduate dentists of distinct scientific and qualified practical skills to assume responsibility and collective action armed with moral and religious ideals and able to take the fields of employment and community service constantly and pursue scientific and technical progress in the Saudi society.

- To fulfil the governmental needs in improving the level of oral & dental health care services & to increase community oral & dental health awareness to cope with the developed countries.
- To support the supply of highly trained and qualified dentists in Najran area and its territories.

Program Goals:

- 1- To graduate dentists with high level of education to achieve the national academic accreditation standard.
- 2- To graduate dentists capable of solving oral health problems and treating dental patients.
- 3- To graduate dentists capable of taking responsibility, demonstrate self-learning skills and working as a team.
- 4- To maintain continuous improvement in the PDS program's resources in order to achieve sustainable development.
- 5- To outline the basic principles of research for the benefit of dental education and patient care.
- 6- To provide high level of community services and educational health programs to improve oral health and wellbeing of the community .

Graduate Attributes:

The graduates of the bachelor of dental surgery (BDS) program, najran university should adopt the following attributes:

- Apply problem-solving, critical thinking and decision making skills for diagnosis and treatment planning of oral and dental diseases.
- Graduating dentists competent in providing high quality, holistic patient-centered care.
- Integrate the learned theoretical knowledge and practiced skills to improve the quality of dental care.
- Graduating dentists capable of assessment, diagnosis, management and prevention of medical and dental emergencies.
- Graduating dentists capable of practicing patients' management with strict professional and legal responsibilities and displaying.
- appropriate attitudes towards patients and supporting staff in accordance with the laws of the Kingdom of Saudi Arabia.
- Graduating dentists capable of assessing the scientific evidence and integrating scientific research with clinical practice.
- Graduating dentists capable of communicate effectively with patients, healthcare providers and other members of the society.

Program learning Outcomes*

Knowledge and Understanding

K1	Discuss the fundamental knowledge on basic, laboratory and clinical practice in dental and allied health sciences.
K2	Describe the patient's history as well as the clinical, radiographic and laboratories findings required for the diagnosis of oral and dental diseases.
K3	Outline the different dental treatment modalities needed for healthy and medically compromised patients.
K4	Describe the basics of scientific seminar/research and latest development in the field of dentistry in order to keep up with the advancement of the field.

Skills	
S1	Perform required dental practice skills including assessment, diagnosis, prevention and management of dental problems and emergencies.
S2	Implement principles of clinical management for dental, periodontal diseases, minor oral surgery and replacement of missing teeth.
S3	Conduct evidence-based practices to provide comprehensive care to dental patients.
S4	Apply problem-solving, critical thinking and decision-making skills for diagnosis and treatment planning of oral and dental diseases.
S5	Efficiently employ eye-hand coordination to carry out preclinical and clinical dental practice
Values	
V1	Employ the medico-legal and ethical aspects of dental and other health care personnel in accordance with the laws of the Kingdom of Saudi Arabia.
V2	Practice patients' management with strict professional and legal responsibilities and demonstrate appropriate cooperation and attitudes toward patients and supporting staff.
V3	Communicate verbally and formally with patients, healthcare providers and other members of the society effectively.
V4	Apply patient/doctor safety measures and universal guidelines for infection control to all clinical dental procedures.

Learning Resources, Facilities, and Equipment

1. Learning Resources.

Mechanism for providing of learning resources:

- Depend on recourses available in the Main university library (Prince Mishaal Central Library) <https://dlaf.nu.edu.sa/en/home>
- Furthermore more recourses are available in the SDL Saudi Digital Library which is the largest academic gathering of information sources in the Arab world, with more than (310.000) scientific reference, covering all academic disciplines.
- <https://sdl.edu.sa/SDLPortal/ar/Publishers.aspx>
- Computer labs are equipped with computers and software open from 8 Am to 4 Pm on all working days.
- Classrooms equipped with both blackboards and smart boards, data show equipment.
- Existence of well-equipped laboratories in the faculty.
- Existence of an electronic administration system on the NU website assures paperless

Mechanism for quality assurance of learning resources:

- Depend on recommendation of the course coordinators and revised by department to ensure the availability and quality of these resources.
- Existence of information security systems against electronic threats.
- Annually survey is distributed to staff members and students regarding satisfaction of learning resources.

2. Facilities and Equipment

1. Main university library (Prince Mishaal Central Library)
2. Digital library connected to SDL Saudi Digital Library which is the largest academic gathering of information sources in the Arab world, with more than (310,000) scientific reference, covering all academic disciplines.
3. Phantom simulation laboratory (1) Prosthetic laboratory(1), Production laboratory (2).
4. Modern dental clinics (56 dental unite), Radiographic department (7 X ray unite)
5. Fully equipped class rooms with Black board facilities
6. E-learning computer lab (1).

Each classroom is equipped with smart boards. Faculty members are trained by Deanship of E-learning and Distance Education on smart boards.

Software quality assessment tools

- Employers' opinion poll on graduates.
- The head of the department evaluates the faculty members of the program.
- Survey graduates of the period of excellence and skills they have acquired.
- Report on the measurement of learning outcomes.
- Arbitration of the program by an external resident
- Review the annual report of the program and prepare and follow up the corrective and improvement procedures of the program.
- Review the annual reports of program units and committees and prepare and follow up corrective and improvement actions.
- Review the nutrition reports from university agencies and prepare and follow up on corrective and improvement actions accordingly.
- Review operational mechanisms and program quality indicators.
- Take advantage of course reports and improvement plans
- Review the program's vision and mission and study how it is achieved.
- Reporting of the advisory committees of the program

- Student opinion poll on the degree of awareness of the vision and mission of the program.
- Survey students' opinion on their assessment of the quality of courses.
- Survey students' opinion on their assessment of educational experience (student experience).
- Survey students' opinion of their satisfaction with the library.
- Survey students' opinion of their satisfaction with the laboratories.
- Survey students' opinion of their satisfaction with the halls and facilities.
- Survey students' opinion of their satisfaction with the academic Advising.
- Survey students' opinion of their satisfaction with admission and registration .
- Student satisfaction survey on the mechanism used for student rights.
- Student satisfaction survey on the mechanism used to support distressed students.
- Student satisfaction questionnaire on the effectiveness of e-learning in the faculty .
- A questionnaire on the satisfaction of outstanding students from the system used to support it.
- A survey of faculty members' opinion on the degree of awareness of the program's vision and mission.
- Survey staff members' opinion of their satisfaction with the library.
- Survey staff members' opinion of their satisfaction with the laboratories.
- Survey staff members' opinion of their satisfaction with the halls and facilities.
- Faculty satisfaction questionnaire on the system used to support outstanding students.
- assessment job performance reports for faculty members.
- Survey staff members' opinion of their satisfaction with the program management .

The academic advising system followed in the Faculty of Dentistry

Academic advising is a professional service that directs the student's abilities and tendencies to choose the specialization that suits him, and then choose the profession of the future. It also aims to identify problems that hinder the student's ability to achieve education and provide assistance and support to increase students' awareness of their academic responsibilities and encourage them to exert more effort in solving academic and personal problems that prevent them from achieving their educational goals.

To achieve this, the system allocates to each student an academic advisor characterized by a number

of knowledge, directions, and guidance, leadership and communication skills that help him guide students well, as well as requiring conscious knowledge of the program's regulations and the order of courses and their requirements. Etc. The academic advising system begins with the nomination of academic advisors and the distribution of students among them according to the system decided by the Faculty Council where a list of the names of the students to be supervised is delivered to each academic advisor, provided that the academic advisors determine the times for receiving students (the academic advising hours) so that the advising process takes place on the appropriate time for registration, dropout and addition of courses, as well as to discuss any problems that the student would like to consult his academic advisor to solve .

Objectives of the academic advising process:

- ✓ Protective objectives that protect the student from Academic stumble.
- ✓ Therapeutic goals to correct the student's academic career.
- ✓ Developmental goals that increase the student's abilities to manage his affairs and solve his problems through his integration and compatibility with the study life and positive participation in it.

General Objectives of Academic Advising Units:

- Providing academic and guidance information to students, increasing their awareness of the objectives of the dental program and the faculty study system and informing them of the importance of academic guidance.
- Identify personal problems and obstacles that prevent the student's ability to achieve education.
- Provide students with tips that enable them to understand their tendencies and abilities and play a positive role in the educational process.
- Directing students and following them up academically, socially and healthily during the faculty years.

The mechanism of work of the Academic Advising Unit in the Dental and Surgery Program:

- ✓ New and transferred students are distributed at the beginning of each (academic year or semester) to a number of academic advisors so that the share of each advisor is a number not exceeding 20 students through the faculty 's academic departments.
- ✓ In the first week of each academic year/ semester, new and transferred students are received in a comprehensive meeting attended by academic advisors to provide students with the necessary information about the university stage and the study system and to introduce students to their guide and duties towards them and their duty towards him.
- ✓ Introducing the new faculty members, whether appointed or contractors, to the study system, whether

it is by the courses or credit hours systems.

- ✓ Emphasizing the academic advisors to activate office hours to benefit students and alerting students to review the academic advisor when facing any academic problem or difficulties.
- ✓ Requesting the Deanship of Admission and Registration to provide the Academic Advising Unit with copies of the student statements as well as copies of the students' results for follow-up by the academic advisor.
- ✓ Emphasizing the academic advisors to hold periodic meetings (at least twice a month) for students who guide them through the meetings to learn about the students' progress and try to help solve the problems that they may face and record their situation in the information register and discover cases that need help.
- ✓ Identifying, introducing, motivating and caring for talented and distinguished students.
- ✓ Identifying, caring for, and guiding students who are in academic stumble and have social, health, or psychological problems to solve their problems.
- ✓ Preparing records and papers for the work of the academic advisor.
- ✓ Holding periodic meetings with academic advisors.
- ✓ Follow up the students records of the academic advisor to ensure the implementation of the academic advising activity and the filling of student data.
- ✓ 12. Provide appropriate protection to protect the confidentiality of the student's academic and personal topics discussed with the academic advisor
- ✓ Preparing questionnaires and research on academic advising and disseminating the results to benefit from them in improving the process of academic advising the faculty .

The executive rules of Najran University regarding the visiting student

The visiting student is the one who studies some courses in another university or in one of the branches of the university to which he belongs without transferring him and the courses he studied are equivalence according to the following controls:

First: For a student of the University of Najran who wishes to study as a visitor at another university:

- ✓ The student must have a study record (at a GPA) of at least two semesters in the faculty in which he/she enrolled before applying to study as a visiting student
- ✓ Pre-approval must be obtained from the student's faculty to allow him to study as a visiting student, specifying the courses he will study,
- ✓ The faculty has the right to require a certain rate of equivalency for the course, which is directed to the study by an official letter from the Deanship of Admission and Registration Affairs
- ✓ The study must be at a recognized faculty or university
- ✓ The course taught to the student outside the university shall be equivalent in its units with a percentage of not less than 80% and his study units shall not be less than the number of units of the course to be equivalence with
- ✓ Subject to paragraph (d) of Article no. (42), the maximum number of study units that can be calculated from outside the university shall be (20%) twenty percent of the total number of graduation units from Najran University

- ✓ The grades of courses that are equivalent to the visiting student shall not be calculated within his/her GPA, and the courses shall be recorded in his/her academic record
- ✓ The student must provide the Deanship of Admission and Registration Affairs with his results obtained within two weeks from the beginning of the study in the first semester of his study period as a visitor, and if he does not submit his results, he is considered dropout from those classes (except for summer classes) and treated according to the article no (15)
- ✓ The monthly stipend is paid to the visiting student if it is due to his/ her through manual procedures after submitting his results for dismissal to the Deanship of Admission and Registration Affairs

Second: For a student of who belongs to another University and wishes to study as a visitor at Najran University

- ✓ The student must have a academic record (at a GPA) at least two semesters from his university where he was accepted
- ✓ The student is not dismissed for disciplinary or educational reasons
- ✓ To obtain the prior written approval of his university to study as a visiting undergraduate at the University of Najran, and must mention in the letter the courses of the University of Najran that he will study
- ✓ To obtain the approval of the faculty in which he wishes to study as a visiting student
- ✓ The maximum number of semesters a student is allowed to attend are two semesters
- ✓ A visiting student is not entitled to request housing at the university, and no stipend is paid to him from Najran University
- ✓ Courses are registered for the student by the faculty in which he wishes to study, taking into account all registration controls.

Transferring from one university to another university according to the university study and exams regulations and the executive rules of Najran University

Article 42:

With the approval of the dean of the faculty to which the student wishes to transfer, it is permissible to accept his transfer from outside the university in accordance with the following controls:

- ✓ The student must have studied at a recognized faculty or accredited University
- ✓ He shall not be dismissed from the university from which he was transferred for disciplinary or educational reasons
- ✓ The conditions of transfer specified by the Faculty Council shall apply to him
- ✓ The number of credits that a transferred student is required to study at Najran University must not be less than 60% of the number of credits required to obtain a bachelor's degree from the university.

Article 43:

The Faculty Council shall equalize the courses that the student studied outside the university based on the recommendation of the departments that provide these courses, and the academic record of the student shall record the courses that have been equivalenced to him, and shall not be included in the calculation of his GPA

Article 44:

If it becomes clear after the transfer of the student that he has already been dismissed for disciplinary reasons, his enrollment shall be considered canceled from the date of accepting his transfer to the university

Article 45:

The student in any semester shall be transferred from one university to another in accordance with the procedures and dates announced at the university to which he is transferred in light of the general controls of transfer.

Dental and Surgery Program Admission and Registration Requirements

The first : New student's Admission and Registration.

Admission and registration for new students are centrally carried out by the Deanship of Admission and Registration at the university through the following executive rules:

Article No. 2:

The University Council, based on the proposal of the faculties councils and the relevant authorities at the university, shall determine the number of students who can be accepted in the next year.

Article No. 3:

The following is required for the admission of the new student to the BDS program at NU.

- ✓ To be a high school diploma holder or its equivalent from within or outside the Kingdom.
- ✓ He must not have attained high school or its equivalent for a period not exceeding five years. The University Council may exempt him from this requirement if there are convincing reasons.
- ✓ Must be of good conduct & behavior.
- ✓ Successfully pass any exam or interview deemed appropriate by the University Council.
- ✓ He must be medically fit.
- ✓ To obtain the approval of his reference in the study if he works in any governmental or private body.
- ✓ To meet any conditions determined by the University Council and announced at the time of submission .

Najran University Executive rule.

The following is required for the admission of a new student to the BDS program at NU.:

- ✓ To be a high school diploma holder or its equivalent from within or outside the Kingdom.
- ✓ He must not have attained high school or its equivalent certificates for a period exceeding five years. The University Council may exempt him from this requirement if there are convincing reasons.
- ✓ Must be of good conduct & behavior.
- ✓ Successfully pass any exam or interview deemed appropriate by the University Council.
- ✓ He must be medically fit.
- ✓ To obtain the approval of his reference in the study if he works in any governmental or private body.
- ✓ To meet any conditions determined by the University Council and announced at the time of submission.
- ✓ Not to be dismissed from another university for disciplinary or educational reasons.

Article No.4:

The preference among applicants who meet all conditions shall be according to their scores in high school diploma certificate, and the personal interview and the admission exams, if any .



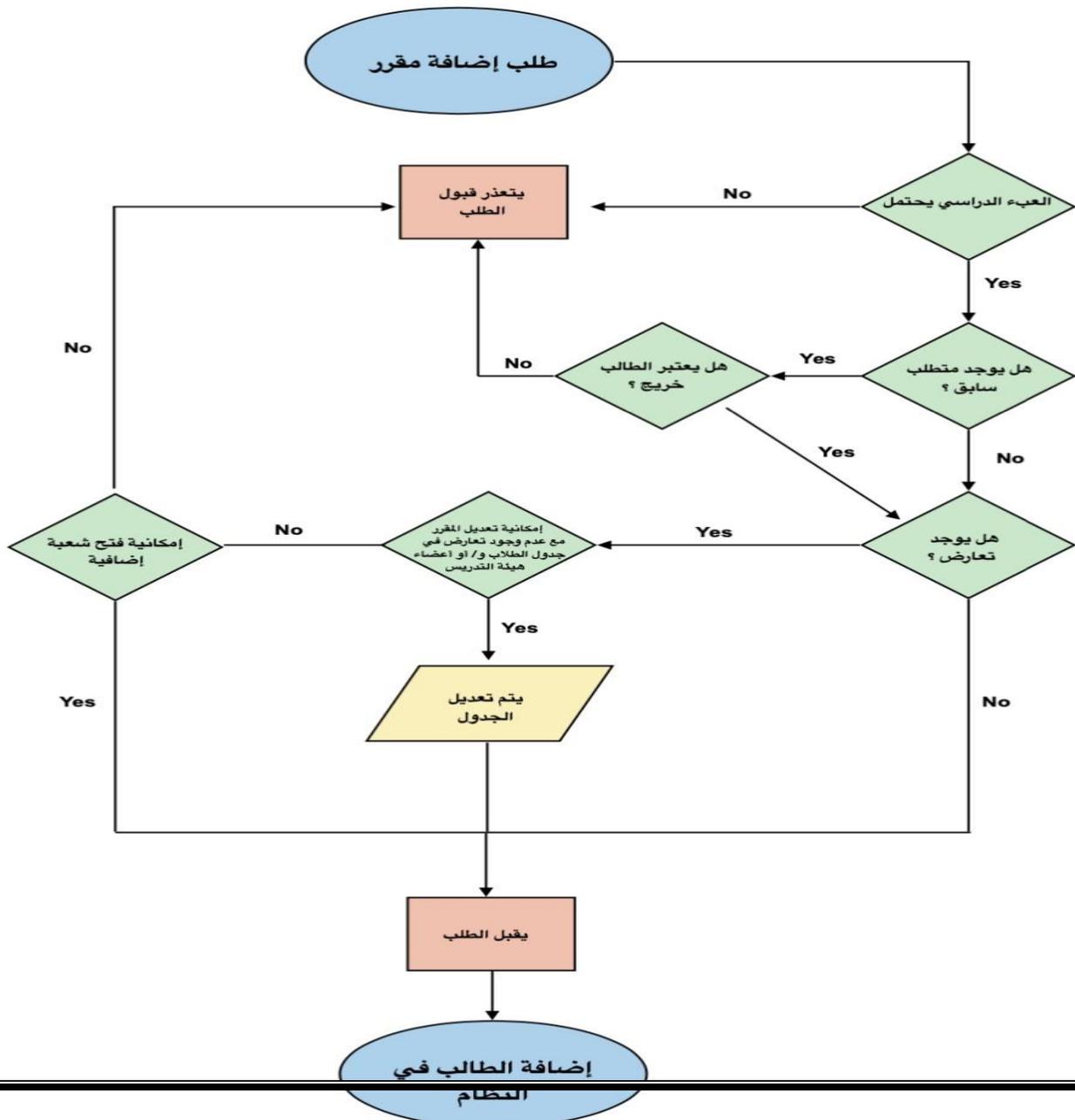
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The second: Mechanism of student registration processing deletion or addition of courses in the faculty of Dentistry .

The faculty has approval mechanism to control and process the registration of applications of students in the faculty of dentistry which are not included in the electronic and central processing of registration through the Deanship of Admission and Registration at the university.



Field experience of internship year:

The Dental Internship Training Program is a 12-month program (Usually starting on 1 July, to 30 June of the next year dedicated to train graduates of the Faculty of Dentistry, Najran University. The Faculty of Dentistry is taking a leading role in the continuous education and training of its graduates in order to have efficient, ethical, compassionate, and clinically competent practitioners in the art and science of dentistry

Rotations:.

The Dental Internship Training Program is currently structured in the form of four training rotations of equal duration (i.e., 3 months each).(Interns must spend at least 3 months of the total training period at the Faculty of Dentistry in Najran University) This training rotation is designed to provide interns with comprehensive knowledge and clinical skills in the field of oral or maxillofacial surgery. The duration of the training is three (3) Months and each intern must attend oral or maxillofacial surgery clinics for one rota only. This will be under full supervision of a maxillofacial surgeon/oral surgeon who will evaluate the progress of each intern at the end of his rotation.

Training sites:

The training centers is selected based on the following criteria:

- 1- Availability of a sufficient number of specialists and consultants in various dental specialties in order to the interns obtain the maximum benefit.
- 2- The training center must be accredited from the Saudi commission for health specialists as a training center.

The training center is contacted through email before the beginning of each rotation for approval. After approval, the intern will begin his rotation in the center.

The following training centers that selected according to the above criteria are :

- 1- King Khalid Hospital -Najran
- 2- Najran Specialty dental center-Najran
- 3- Armed forces hospital-Najran
- 4- Prince sultan military medical city-Riyadh
- 5- Armed forces hospital-Asir
- 6- Al Noor specialist hospital-Makkah

Monitoring and assessment of Internship performance:

Internship doctors are evaluated through an evaluation form that evaluate performance, attitude and ethics and monitor their attendance. The evaluation criteria in the performance are clinical skills, appropriate utilization of investigation and decision-making, observance of infection control,

documentation of treatment and time management. The evaluation criteria in the attitude & ethics are punctuality and attendance, discipline and reliability, attitude towards dental team and patients and willingness to learn new skills. Each criteria is evaluated and scored from 1 to 5 where 1 is poor, 2 is fair, 3 is good, 4 is very good and 5 is excellent. The score 60% is required for completion of the rotation. A member of the internship unit visits the training center, evaluate the interns, set with their supervisor, discuss their performance through the rotation, and get the interns feedback on the center and rota.



Najran University
College of Dentistry
Dental Internship Training Program

Interns' Clinical Evaluation Form

Name of Intern:

Training Center:

Rota:

Start Date:

End Date:

- Please submit evaluation form to the Intern Program Director at the end of the rotation.

I.	Performance	Poor	Fair	Good	Very Good	Excellent
		1	2	3	4	5
1	Clinical skills					
2	Appropriate utilization of investigation & decision making					
3	Observance of infection control					
4	Documentation of treatment					
5	Time Management					

II.	Attitude & Ethics	1	2	3	4	5
1	Punctuality and attendance					
2	Discipline and reliability					
3	Attitude towards dental team					
4	Attitude towards patients					
5	Willingness to learn new skills					

IV.	Number of days absent		TOTAL SCORE OUT OF 100	
	Number of applied leave days			
Comments:				
Evaluator's name:				
Signature:				
Stamp				
Date:				

- Commendable after training
 Advise to repeat training

Director of Intern Program