



## **Program Description**

### **Bachelor of Oral & Dental Surgery**

#### **(BDS)**





## Program Description FOR BACHELOR OF ORAL & DENTAL SURGERY

### COLLEGE OF DENTISTRY

### JOUF UNIVERSITY

كلية طب الأسنان، جامعة الجوف  
طريق الملك خالد، سكاكا، الجوف  
رقم الهاتف ٠١٤٦٢٤٢٩٢٠  
رقم الفاكس ٠١٤٦٢٥١٥٧٠  
الرمز البريدي ٤٢٤٢١  
صندوق بريد ٢٢٣٢



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## **1. GENERAL STRUCTURE OF THE PROGRAM:**

The study plan follows the rules of the yearly figures as the college education system is based on problem-based learning. Study language is English. Study duration is five years after the preparatory year followed by a clinical training internship year, and it is divided into three phases:

- Basic Phase: first and second years.
- Clinical Phase: third, fourth, and fifth years.
- Internship Phase: sixth clinical training year after graduation.

### **I. Graduation Requirements:**

1. Pass the preparatory year.
2. Pass the required academic credits to graduate successfully as shown in table N°1.
3. Passing internship year.

### **II. Areas of work of the graduates:**

University hospitals - university academic education - Ministry of Health hospitals - military hospitals - private hospitals - health care centers - private clinics - health units of the Ministry of Education - clinics of the Ministry of Social Affairs - centers of medical research.

The following Table (1) illustrates the general structure of the program:

**Table (1): General Structure of the Program**

<i>REQUIREMENTS</i>		<i>UNITS</i>	<i>PERCENTAGE</i>
University Requirements		14	7.82%
Program Requirements	Compulsory Requirements	114	63.68%
	Elective Requirements	12	6.70%
	Outside Compulsory Requirements	35	19.55%
Free Hours		4	2.23%
<b><i>TOTAL</i></b>		<b>179</b>	<b>100%</b>

### ***III. Courses Coding and Numbering System:***

#### ***Coding System: DENT***

#### ***Numbering system:***

- Hundreds digit: Academic Year.
- Tens digit:
  - 1: Integrated Courses.
  - 2: Specialized Courses.
  - 3: Dental Skills Courses.
  - 4: Training Courses.
- Single digit: the sequence of the course.

### ***IV. Features of development in the study plans of the College (developed plans):***

The study plan will be re-evaluated every five years, and a vision for the development of the plan will be implemented according to the outputs and their relevance to the desired objectives of the current plan and the needs of the stakeholders.

**V. University Requirements:**

**Table (2): University Requirements**

Course Symbol	Course Name	Units			Prerequisites
		Didactic	Practical	Total	
<b>Obligatory Requirements</b>					
ISL 101	Fundamentals of Islamic Culture	2	-	2	-
ISL 103	Islamic Economic System	2	-	2	-
ISL 106	Medical Jurisprudence	2	-	2	-
ARAB 101	Arabic Language Skills	2	-	2	-
ARAB 102	Arabic Editing	2	-	2	ARAB 101
<b>Elective Requirements</b>					
ISL 109	The Role of Women in Development	2	-	2	-
<b>OR</b>					
ISL 110	The Moderation & Sobriety	2	-	2	-
EDU 102	Volunteer Work	2	-	2	-
<b>OR</b>					
BUS 101	Entrepreneurship	2	-	2	-
<b>TOTAL</b>		<b>14 Units</b>			

**VI. Program Requirements:**

**a. Compulsory Requirements:**

**Table (3): Compulsory Requirements**

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
DENT 111	Dental Education	2	-	-	2		
DENT 114	Genetics, Growth, & Development	5	1	-	6		
DENT 121	Scientific Presentation Skills (1)	-	1	-	1		
DENT 122	Community Dentistry (1)	1	-	-	1		
DENT 131	Dental Skills (1)	2	2	-	4		
DENT 214	Principles of Dental Sciences	5	1	-	6	DENT 114 DENT 115	
DENT 221	Scientific Presentation Skills (2)	-	1	-	1		
DENT 222	Community Dentistry (2)	1	-	-	1		
DENT 223	Community Dentistry (3)	1	-	-	1		
DENT 231	Dental Skills (2)	2	3	-	5	DENT 131	
DENT 311	Introduction to Dental Practice	1	1	-	2	DENT 214 DENT 231	DENT 323 DENT 341
DENT 312	Restorative (1)	5	-	-	5		DENT 313 DENT 331
DENT 313	Restorative (2)	6	-	-	6		DENT 312 DENT 331
DENT 321	Scientific Presentation Skills (3)	-	1	-	1		
DENT 322	Community Dentistry (4)	1	-	-	1		
DENT 323	Ethics in Dentistry	1	-	-	1		DENT 311



*Program Description for Bachelor of Oral & Dental Surgery*

							DENT 341
DENT 331	Dental Skills (3)	4	7	-	11	DENT 231	DENT 312 DENT 313
DENT 341	Dental Clinical Practice (1)	-	-	5	5	DENT 214 DENT 231	DENT 311 DENT 323
DENT 411	Surgical Management	1	1	-	2	DENT 113 DENT 213	DENT 441
DENT 412	Child & Adolescent Care	4	-	-	4	DENT 114 DENT 214	DENT 431
DENT 413	Management of Oral & Maxillofacial Diseases (1)	2	1	-	3	DENT 113 DENT 213	DENT 441
DENT 414	Management of Oral & Maxillofacial Diseases (2)	2	1	-	3	DENT 113 DENT 213	DENT 441
DENT 415	Dental Implantology	1	-	-	1	DENT 312 DENT 313 DENT 411	
DENT 416	Maxillofacial Surgery & Rehabilitation	2	1	-	3	DENT 312 DENT 411 DENT 412 DENT 413 DENT 414	
DENT 421	Scientific Presentation Skills (4)	-	1	-	1		
DENT 422	Community Dentistry (5)	1	1	-	2	DENT 122 DENT 222 DENT 223 DENT 322	
DENT 423	Restorative (3)	1	-	-	1	DENT 313	
DENT 425	Scientific Presentation Skills (5)	-	1	-	1		
DENT 426	Problem Solving in Dentistry	1	-	-	1		DENT 445
DENT 427	Orthodontic Treatment for Adults	1	-	-	1	DENT 412 DENT 431	

*Program Description for Bachelor of Oral & Dental Surgery*

DENT 428	Practice Management	1	-	-	1		DENT 445
DENT 431	Dental Skills (4)	1	2	-	3	DENT 331	DENT 412
DENT 441	Dental Clinical Practice (2)	-	-	12	12	DENT 313 DENT 331 DENT 341	411 DENT 413 DENT 414 DENT
DENT 445	Total Patient Care	-	-	15	15	DENT 441	DENT 426 DENT 428
<b>TOTAL</b>		<b>55</b>	<b>27</b>	<b>32</b>	<b>114</b>		

**Outside Compulsory Requirements:**

**Table (4): Outside Compulsory Requirements\***

<b>Course Symbol</b>	<b>Course Name</b>	<b>Distribution of Educational Hours</b>				<b>Prerequisites</b>	<b>Co-requisites</b>
		<b>Didactic</b>	<b>Practical</b>	<b>Training</b>	<b>Total</b>		
DENT 112	Cell Structure & Function	4	1	-	5		
DENT 113	Head & Neck: Structure & Function	4	1	-	5		
DENT 115	Principles of Diseases	5	1	-	6		
DENT 211	Body Systems in Health & Disease	8	3	-	11	DENT 112 DENT 115	DENT 224
DENT 212	General Surgery	2	-	-	2	DENT 112 DENT 115	
DENT 213	Neuroscience	3	1	-	4	DENT 113	
DENT 224	Emergency Medicine for Dental Students	1	1	-	2		DENT 211
<b>TOTAL</b>		<b>27</b>	<b>8</b>	<b>-</b>	<b>35</b>		

\*Compulsory courses supplied by College of Medicine.

***b. Elective Requirements***

**Table (5): Elective Requirements**

Each student must select 12 units from the elective courses listed below in order to fulfill graduation requirements.

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
DENT 123	The Art of Sculpture in Dentistry	1	-	-	1		
DENT 124	Development of Dental Students	1	-	-	1		
DENT 125	Technology and Acquired Knowledge for Dental Students	1	1	-	2		
DENT 126	Dentist – Community Communication	1	-	-	1		
DENT 132	Digital Editing of Dental Record	-	2	-	2		
DENT 133	Management of Scientific Meeting	-	1	-	1		
DENT 225	Scientific Editing for Dental Periodicals	1	-	-	1		
DENT 226	Alternative Dentistry	1	-	-	1		
DENT 227	Laboratory Techniques in Oral & Maxillofacial Pathology	1	1	-	2	DENT 115	
DENT 232	Photography in Dentistry	-	1	-	1		
DENT 324	Management of Occupational Hazards	1	-	-	1		
DENT 325	Nanodentistry	1	-	-	1		
DENT 326	Comparative Dentistry	1	-	-	1		
DENT 327	The Art of Dental Therapeutics	2	-	-	2		

*Program Description for Bachelor of Oral & Dental Surgery*

DENT 328	Dental Technology	-	2	-	2	DENT 214	
DENT 329	Dental Informatics	1	-	-	1		
DENT 332	Principles of Dental Equipment Maintenance	-	1	-	1		
DENT 333	Recent Trends in Oral & Maxillofacial Pathology	1	1	-	2	DENT 114	
DENT 424	Biotechnology in Dentistry	1	-	-	1	DENT 313	
DENT 432	Advanced Modalities in Oral Radiology	1	1	-	2	DENT 411	
DENT 442	Advanced Periodontics Clinics	-	-	2	2	DENT 313	
DENT 443	Advanced Endodontics Clinics	-	-	2	2	DENT 313	
DENT 444	Advanced Cosmetics Clinics	-	-	2	2	DENT 313	
DENT 446	Advanced Orthodontics Clinics	-	-	2	2	DENT 441	
DENT 447	Advanced Implant Dentistry Clinics	-	-	2	2	DENT 441	
DENT 448	Advanced Oral & Maxillofacial Surgery Clinics	-	-	2	2	DENT 441	
DENT 449	Advanced Pedodontics Clinics	-	-	2	2	DENT 441	
<b>TOTAL</b>		<b>16</b>	<b>11</b>	<b>14</b>	<b>41</b>		

**VII. BDS Study Plan distributed by years\*:**

**First Year**

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
ISL 101	Fundamentals of Islamic Culture	2	-	-	2		
ISL 103	Islamic Economic System	2	-	-	2		
ARAB 101	Arabic Language Skills	2	-	-	2		
ARAB 102	Arabic Editing	2	-	-	2	ARAB 101	
DENT 111	Dental Education	2	-	-	2		
DENT 112	Cell Structure & Function	4	1	-	5		
DENT 113	Head & Neck: Structure & Function	4	1	-	5		
DENT 114	Genetics, Growth, & Development	5	1	-	6		
DENT 115	Principles of Diseases	5	1	-	6		
DENT 121	Presentation Skills (1)	-	1	-	1		
DENT 122	Community Dentistry (1)	1	-	-	1		
DENT 131	Dental Skills (1)	2	2	-	4		
<b>TOTAL</b>		<b>31</b>	<b>7</b>	<b>0</b>	<b>38</b>		

\*Each student must finish 12 elective units and 4 free units.

*Program Description for Bachelor of Oral & Dental Surgery*

**Second Year**

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
ISL 109	The Role of Women in Development	2	-	-	2		
<b>OR</b>							
ISL 110	The Moderation & Sobriety	2	-	-	2		
ISL 106	Medical Jurisprudence	2	-	-	2		
DENT 211	Body Systems in Health & Disease	8	3	-	11	DENT 112 DENT 115	DENT 224
DENT 212	General Surgery	2	-	-	2	DENT 112 DENT 115	
DENT 213	Neuroscience	3	1	-	4	DENT 113	
DENT 214	Principles of Dental Sciences	5	1	-	6	DENT 114 DENT 115	
DENT 221	Presentation Skills (2)	-	1	-	1		
DENT 222	Community Dentistry (2)	1	-	-	1		
DENT 223	Community Dentistry (3)	1	-	-	1		
DENT 224	Emergency Medicine for Dental Students	1	1	-	2		DENT 211
DENT 231	Dental Skills (2)	2	3	-	5	DENT 131	
<b>TOTAL</b>		<b>27</b>	<b>10</b>	<b>0</b>	<b>37</b>		

*Program Description for Bachelor of Oral & Dental Surgery*

**Third Year**

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
EDU 102	Volunteer Work	2	-	-	2		
<b>OR</b>							
BUS 101	Entrepreneurship	2	-	-	2		
DENT 311	Introduction to Dental practice	1	1	-	2	DENT 214 DENT 231	DENT 323 DENT 341
DENT 312	Restorative (1)	5	-	-	5		DENT 313 DENT 331
DENT 313	Restorative (2)	6	-	-	6		DENT 312 DENT 331
DENT 321	Presentation Skills (3)	-	1	-	1		
DENT 322	Community Dentistry (4)	1	-	-	1		
DENT 323	Ethics in Dentistry	1	-	-	1		DENT 311 DENT 341
DENT 331	Dental Skills (3)	4	7	-	11	DENT 231	DENT 312 DENT 313
DENT 341	Dental Clinical Practice (1)	-	-	5	5	DENT 214 DENT 231	DENT 311 DENT 323
<b>TOTAL</b>		<b>18</b>	<b>9</b>	<b>5</b>	<b>34</b>		



*Program Description for Bachelor of Oral & Dental Surgery*

**Fourth Year**

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
DENT 411	Surgical Management	1	1	-	2	DENT 113 DENT 213	DENT 441
DENT 412	Child & Adolescent Care	4	-	-	4	DENT 114 DENT 214	DENT 431
DENT 413	Management of Oral & Maxillofacial Diseases (1)	2	1	-	3	DENT 113 DENT 213	DENT 441
DENT 414	Management of Oral & Maxillofacial Diseases (2)	2	1	-	3	DENT 113 DENT 213	DENT 441
DENT 421	Presentation Skills (4)	-	1	-	1		
DENT 422	Community Dentistry (5)	1	1	-	2	DENT 122 DENT 222 DENT 223 DENT 322	
DENT 423	Restorative (3)	1	-	-	1	DENT 313	
DENT 431	Dental Skills (4)	1	2	-	3	DENT 331	DENT 412
DENT 441	Dental Clinical Practice (2)	-	-	12	12	DENT 313 DENT 331 DENT 341	DENT 411 DENT 413 DENT 414
<b>TOTAL</b>		<b>12</b>	<b>7</b>	<b>12</b>	<b>31</b>		

*Program Description for Bachelor of Oral & Dental Surgery*

**Fifth Year**

Course Symbol	Course Name	Distribution of Educational Units				Prerequisites	Co-requisites
		Didactic	Practical	Training	Total		
DENT 415	Dental Implantology	1	-	-	1	DENT 312 DENT 313 DENT 411	
DENT 416	Maxillofacial Surgery & Rehabilitation	2	1	-	3	DENT 312 DENT 411 DENT 412 DENT 413 DENT 414	
DENT 425	Presentation Skills (5)	-	1	-	1		
DENT 426	Problem Solving in Dentistry	1	-	-	1		DENT 445
DENT 427	Orthodontic Treatment for Adults	1	-	-	1	DENT 412 DENT 431	
DENT 428	Practice Management	1	-	-	1		DENT 445
DENT 445	Total Patient Care	-	-	15	15	DENT 441	DENT 426 DENT 428
<b>TOTAL</b>		<b>6</b>	<b>2</b>	<b>15</b>	<b>23</b>		

**Sixth Year**

*Internship year:* A clinical training year of 12 months' period is required to be attained by the student in order of fulfill the requirements for graduation.