



## **BSc in Allied Dental Sciences**

- **Program name:** Allied Dental Sciences
- **Program code:** ADS
- **Study mode:** Full-time
- **Credit hours:** 132
- **Study duration:** 4 years
- **Program description:**

The program leads to a BSc degree in dental hygiene and dental surgery assistants. It is designed to prepare the graduate to successfully enter the oral health profession of dental hygiene in any of the recognized roles of the graduates: Clinician, assistant, educator/health promoter, manager, researcher, and advocate.

In addition graduates are prepared to continue their education in graduate or professional programs. It is the only Bachelor's degree program in Jordan and one of the premier programs in the region. The Curriculum is designed to incorporate advances in technology in the oral health field.

In addition to the traditional courses in dental hygiene, this Bachelor's degree in Allied Dental Sciences provides additional preparation in the provision of periodontal care and an internship in caring for rural health and geriatric populations.

- **Objectives**
  1. To provide students with the knowledge and clinical competences of prevention and nonsurgical periodontal therapy as a dental hygienist (clinician).
  2. To achieve the goals of applying four – handed dentistry as a dental assistant
  3. To prepare students for being oral health educators/ wellness promoter locally and globally.
  4. To equip students with knowledge and competencies in dental radiography as a dental radiographer.
  5. To prepare students with knowledge and communication skills as an advocator, manager, and researcher.
  6. To equip students with professional ethics as a profession.
  7. Maintain the standards of cross infection control.
  8. To provide high quality community services related to all aspects of oral health.
- **Career**
  1. Dental Hygienist in hospitals and health centers and public and private clinics and in Medical Royal Services.
  2. Dental Assistant in health centers and public and private clinics and in Medical Royal Services.
  3. Dental health educator in schools of the Ministry of Education.
  4. Salesperson for processing companies and institutions of dental supplies.



- Study plan:

### First Year

First Semester			Second Semester		
Course Code	Course Name	Credit Hours	Course Code	Course Name	Credit Hours
ARB 101	Arabic language	3	ADS 102	Introduction to dental sciences and dental terminology	1
BIO 103	General biology	3	CIS 100	Computer skills	3
BIO 107	General biology lab	1	ENG 112	English language 2	3
CHEM 103	General chemistry	3	MED 218	Gross anatomy and histology	3
CHEM 107	General chemistry lab	1	PHY 103	General physics	3
ENG 111	English language 1	3		University elective	3
HSS 100	Culture and university behavior	1			
MS 100	Military sciences	3			

### Second Year

First Semester			Second Semester		
Course Code	Course Name	Credit Hours	Course Code	Course Name	Credit Hours
ADS 201	Dental morphology and occlusion	1	ADS 212	Oral microbiology	2
ADS 203	Dental morphology and occlusion practical	2	ADS 216	Pharmacology for allied dental sciences students	2
ADS 211	Oral histology	2	ADS 222	Dental materials	2
MED 212	Pathology	3	ADS 224	Dental materials practical	1
MED 219	Head and neck anatomy	3	ADS 226	Cariology	1
MED 230A	Human physiology	3	ADS 242	Oral pathology	2
MED 230B	Human physiology lab	1	PH 351	Human nutrition	3
				University elective	3



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**Third Year**

First Semester			Second Semester		
Course Code	Course Name	Credit Hours	Course Code	Course Name	Credit Hours
ADS 321	Conservative dentistry	1	ADS 344	Dental radiology 2	1
ADS 323	Conservative dentistry practical	1	ADS 346	Dental radiology 2 practical	2
ADS 325	Removable prosthodontics	1	ADS 352	Periodontology 2	1
ADS 327	Removable prosthodontics practical	1	ADS 354	Periodontology 2 practical	1
ADS 331	Pediatric and orthodontic dentistry	2	ADS 372	Clinical allied dental sciences 1	3
ADS 333	Pediatric and orthodontic dentistry practical	1	ADS 376	Organizing dental clinic and Sterilization	1
ADS 341	Dental radiology 1	1	ADS 378	Organizing dental clinic and Sterilization practical	1
ADS 343	Dental radiology 1 practical	1	ADS 382	Medical conditions related to dentistry	2
ADS 351	Periodontology 1	1	ADS 384	Clinical oral hygiene 2	1
ADS 381	Clinical oral hygiene 1	1	ADS 386	Clinical oral hygiene 2 practical	2
ADS 383	Clinical oral hygiene 1 practical	2	PH 311	Biostatistics	2
PARA 391	Ethics in applied medical careers	1			
	University elective	3			

**Fourth Year**

First Semester			Second Semester		
Course Code	Course Name	Credit Hours	Course Code	Course Name	Credit Hours
ADS 441	Oral medicine	1	ADS 442	Anesthesia and oral surgery	1
ADS 443	Oral medicine practical	1	ADS 444	Anesthesia and oral surgery practical	1
ADS 461	Oral epidemiology	2	ADS 466	Community oral health 2 Practical	1
ADS 463	Community oral health	1	ADS 472	Clinical allied dental sciences 3	5
ADS 465	Community oral health 1 practical	1	ADS 484	Clinical oral hygiene 4	4
ADS 467	Preventive dentistry	2	ADS 491	Administration and quality assurance in applied medical sciences	3
ADS 471	Clinical allied dental sciences 2	3	LM 493	Research project	2
ADS 481	Clinical oral hygiene 3	1			
ADS 483	Clinical oral hygiene 3 practical	3			



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LM      Scientific research      1  
491      methods

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