



Tanta University
Faculty of Dentistry
Quality Assurance Unit



PROGRAM SPECIFICATION

Credit Hours System

2025-2026



FACULTY COUNCIL
16-9-2025



Program Specification Credit hour 2025-2026



1. Basic Information

ProgramTitle	Bachelor of Dental Surgery (BDS)
Total number of Credit hours of the program	188 Credit hours
Number of academic years/levels (expected program duration):	Five Levels – ten semesters
Department (s) Participating (if any) in teaching the program:	<p><u>Departments Teaching Dental Courses</u> Dental Biomaterials Oral Biology Oral Pathology Orthodontics Prosthetic Dentistry Oral and Maxillofacial Surgery Pediatric Dentistry, Oral Health and Preventive Dentistry Oral Medicine, Periodontology, Oral Diagnosis, and Radiology Restorative Dentistry Fixed Prosthodontics Endodontics</p> <p><u>Departments at the Faculty of Science, Tanta University</u> General Chemistry, Physics</p> <p><u>Departments at the Faculty of Medicine, Tanta University</u> General Anatomy, Histology, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology, General Medicine, Dermatology, General Surgery, ENT Ophthalmology, Public Health</p> <p><u>Faculty Obligatory courses</u> English1, English2, societal issues, quality culture, information technology, entrepreneurship, professional ethics.</p> <p><u>Elective courses:</u> Stem cells &tissue engineering, cardiopulmonary resuscitation, management and leadership skills, infection control, medical psychology, Herbal medicine, laser in dentistry, marketing skills, dental terminology, geriatric dentistry, scientific thinking, medical emergency in dental practice, General risk and crisis management.</p>
Faculty/Institute:	Faculty of Dentistry
University/Academy:	Tanta University

Program majors/divisions/tracks/specialties in the final year (if any):	Not applicable – The program does not include majors or tracks in the final year
Partnerships with other parties and the nature of each (if any):	Non-applicable
Name of the program coordinator (attach the assignment decision):	Prof.Shereen Abd Al-Moula Ali
Program Specification Approval Date:	16/9/2025
Council responsible for Program Specification Approval (Attach the Decision / Minutes):	Faculty Council

2. Program Aims (Brief description of the overall purpose of the program)

The program aims to graduate competent dental practitioners with the knowledge, skills, and experience to promote oral health nationally and internationally. It builds a strong scientific foundation for safe clinical practice and equips students to deliver diverse treatment modalities within general dentistry, with appropriate referrals. Emphasis is placed on life-long learning, evidence-based practice, and the use of modern technologies. Students develop ethical communication skills, teamwork abilities, and an understanding of medico-legal responsibilities. The program also fosters responsiveness to socio-economic factors and active participation in community service.

3. Program Structure (Curriculum)

- Program Components

Requirement Category/Type		Number of Courses	Number of Credit Hours/Points	Percentage from the total number of hours/points
University Requirements		7	8 CH	4.25%
Faculty Requirements (Mandatory + Elective)		82	180 CH	95.8%
Program Requirements		89	188 CH	100%
Requirements of the majors/ divisions/ tracks/ specializations in the final year (if any)		Not applicable – The program does not include majors/divisions/tracks in the final year.		
Other requirements	Field Training	Not applicable – Field training is integrated within clinical courses		
	Graduation Project	Not applicable – The program does not include a graduation project.		
	Mandatory training year	1 year	Not counted within the academic CH	Non-credit / 0 CH
Total Compulsory Courses		69	174 CH	92.5%
Elective Courses		13	6 CH	3.3%
Total		89	188 CH	100%

- Program courses according to the expected study plan

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level One	First semester	FMB-GC-101	General Chemistry	Compulsory	----	3	2	2	
		FMB-P-101	Physics	Compulsory	----	2	2	-	
		FMB-HDI-101	Human Dentition I	Compulsory	----	2	1	2	
		FMB-GA-101	General Anatomy	Compulsory	----	3	2	2	
		FMB-GH-101	General Histology	Compulsory	----	3	2	2	
		FMB-GPI-101	General Physiology I	Compulsory	----	3	2	2	
		UM-EI-101	English I	Compulsory	----	1	1	-	
		UM-IT-101	Information Technology	Compulsory	----	1	1	-	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level One	Second semester	FMB-HDII-102	Human Dentition II	Compulsory	Human Dentition I	2	1	2	
		FMB-SA-102	Special Anatomy	Compulsory	General Anatomy	3	2	2	
		FMB-GPII-102	General Physiology II	Compulsory	General Physiology I	3	2	2	
		FMB-BC-102	Biochemistry	Compulsory	General Chemistry	3	2	2	
		FMB-DBM-102	Dental Biomaterials	Compulsory	Physics	3	2	2	
		UM-EII-102	English II	Compulsory	English I	2	1	2	
		UM-QC-102	Quality Culture	Compulsory	-----	1	1	-	
		UM-SI-102	Societal Issues	Compulsory	-----	1	1	-	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Two	First semester	FMB-	Oral		General	3	2	2	
		OBI-201	biology I	Compulsory	histology				
		FMB-ADBMI-201	Applied dental biomaterials I	Compulsory	Dental biomaterials	3	2	2	
		FMB-GPI-201	General pathology I	Compulsory	General histology	3	2	2	
		FMB-GMB-201	General microbiology	Compulsory	----- ----	3	2	2	
		FMB-PI-201	Pharmacology I	Compulsory	Biochemistry	3	2	2	
		UM-PE-201	Professional ethics	Compulsory	----- ----	1	1	--	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Two	Second semester	FMB-OBII-202	Oral biology II	Compulsory	Oral Biology I	3	2	2	
		FMB-ADBMI I-202	Applied dental biomaterials II	Compulsory	Applied Biomaterials I	3	2	2	
		FMB-GPII-202	General pathology II	Compulsory	General Pathology I	3	2	2	
		FMB-I-202	Immunology	Compulsory	General Microbiology	3	2	2	
		FMB-PHI-202	Pharmacology II	Compulsory	Pharmacology I	3	2	2	
		FMB-SO-202	Stomatognathic physiology and occlusion	Compulsory	Human Dentition II	2	2	--	
		FE-IC-202	Infection control	Elective	----- --	1	1	--	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Three	First semester	FMB-OPI-301	Oral pathology I	Compulsory	General pathology II	3	2	2	
		FMD-PRDI-301	Preclinical restorative Dentistry I	Compulsory	Applied dental biomaterials II	3	1	4	
		FMD-PFPI-301	Preclinical fixed prosthodontics I	Compulsory	Applied dental biomaterials II	3	1	4	
		FMD-PPDI-301	Preclinical prosthetic dentistry I	Compulsory	Applied dental biomaterials II	3	1	4	
		FMM-GS-301	General surgery	Compulsory	General anatomy	2	1	3	
		FMM-ENT-301	Ear Nose and throat	Compulsory	Special anatomy	1	1	--	
		FMM-O-301	Ophthalmology	Compulsory	Special anatomy	1	1	--	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Three	Second semester	FMB-OPII-302	Oral pathology II	Compulsory	Oral pathology I	3	2	2	
		FMD-PRDII-302	Preclinical restorative Dentistry II	Compulsory	Preclinical Restorative Dentistry I	3	1	4	
		FMD-PFPII-302	Preclinical fixed prosthodontics II	Compulsory	Preclinical Fixed Prosthodontics I	3	1	4	
		FMD-PPDII-302	Preclinical prosthetic dentistry II	Compulsory	Preclinical Prosthetic Dentistry I	3	1	4	
		FMM-GM-302	General internal medicine	Compulsory	General Physiology II	3	2	3	
		FMM-D-302	Dermatology	Compulsory	General pathology II	2	1	3	
		FMD-OR-302	Oral radiology	Compulsory	Human Dentition I, Physics	3	2	3	
		FE-CPR-302	Cardiopulmonary Resuscitation	Elective	----- -----	1	1	-	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Four	First semester	FMD-CRDI-401	Clinical Restorative Dentistry I	Compulsory	Preclinical Restorative Dentistry II	2	1	3	
		FMD-PFP-III-401	Preclinical Fixed Prosthodontics III	Compulsory	Preclinical fixed prosthodontics II	3	1	4	
		FMD-CPDI-401	Clinical Prosthetic Dentistry I	Compulsory	Preclinical Prosthetic Dentistry I	2	1	3	
		FMD-OMI-401	Oral Medicine I	Compulsory	General Medicine, Oral Pathology II	3	2	3	
		FMD-PEI-401	Preclinical Endodontics I	Compulsory	Oral Radiology, Preclinical restorative II	3	1	4	
		FMD-OI-401	Orthodontics I	Compulsory	Stomatognathic Physiology & Occlusion	2	1	2	
		FMM-OMSI-401	Oral and Maxillofacial Surgery I	Compulsory	Special Anatomy, General Medicine	3	2	3	
		FMD-OD-401	Oral Diagnosis	Compulsory	Oral Pathology II	3	2	3	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Four	Second semester	FMD-CRDII-402	Clinical Restorative Dentistry II	Compulsory	Clinical Restorative Dentistry I	2	1	3	
		FMD-CFPI-402	Clinical Fixed Prosthodontics I	Compulsory	Pre-clinical Fixed Prosthodontics III	2	1	3	
		FMD-CPDII-402	Clinical Prosthetic Dentistry II	Compulsory	Preclinical Prosthetic Dentistry II	2	1	3	
		FMD-OMII-402	Oral Medicine II	Compulsory	Oral Medicine I	3	2	3	
		FMD-PEII-402	Preclinical Endodontics II	Compulsory	Preclinical Endodontics I	3	1	4	
		FMD-OII-402	Orthodontics II	Compulsory	Orthodontics I	2	1	2	
		FMD-OMSHI-402	Oral and Maxillofacial Surgery II	Compulsory	Oral and Maxillofacial Surgery I	3	2	3	
		FMD-PPD-402	Preclinical pediatric dentistry	Compulsory	Preclinical Restorative Dentistry II	2	2	2	
		FMD-OHPI-402	Oral health and preventive dentistry		Oral Diagnosis	1	1	--	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level Five	First semester	FMD-CRDIII-501	Clinical Restorative Dentistry III	Compulsory	Clinical restorative II	2	1	3	
		FMD-CFPII-501	Clinical Fixed Prosthodontics II	Compulsory	Clinical Fixed Prosthodontics I	2	1	3	
		FMD-CPDIII-501	Clinical Prosthetic Dentistry III	Compulsory	Clinical Prosthetic Dentistry II	2	1	3	
		FMD-CEI-501	Clinical Endodontics I	Compulsory	Preclinical Endodontics II	2	1	3	
		FMD-OMSIII-501	Oral and Maxillofacial Surgery III	Compulsory	Oral and Maxillofacial Surgery II	3	2	3	
		FMD-PI-501	Periodontics I	Compulsory	General Microbiology Oral Pathology II	3	2	3	
		FMD-OHPHI-501	Oral Health & Preventive II	Compulsory	Oral Health & Preventive I	2	1	3	
		FE-EP-501	Entrepreneurship	Elective		1	1		

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
Level five	Second semester	FMD-CRDIV-502	Clinical Restorative Dentistry IV	Compulsory	Clinical Restorative III	2	1	3	
		FMD-CFPIII-502	Clinical Fixed Prosthodontics III	Compulsory	Clinical Fixed Prosthodontics II	2	1	3	
		FMD-CPDIV-502	Clinical Prosthetic Dentistry IV	Compulsory	Clinical Prosthetic Dentistry III	2	1	3	
		FMD-CEII-502	Clinical Endodontics II	Compulsory	Clinical Endodontics I	2	1	3	
		FMD-OMSIV-502	Oral and Maxillofacial Surgery IV	Compulsory	Oral and Maxillofacial Surgery III	3	2	3	
		FMD-PII-502	Periodontics II	Compulsory	Periodontics I	3	2	3	
		FMD-CPD-502	Clinical Pediatric Dentistry	Compulsory	Pre-Clinical Pediatric	2	1	3	
		FMD-PI-502	Principles of Implantology	Compulsory	Oral Radiology I	1	1	--	
		FMD-CCC-502	Comprehensive Care Clinic		Oral Maxillofacial surgery III Periodontology I Clinical Prosthetics Dentistry III Clinical Endodontics I Clinical Restorative Dentistry III Clinical Fixed Prosthodontics II	2	1	3	

Elective Courses

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
		FE-ST	Stem Cells and Tissue Engineering	Elective	----	1	1	--	
		FE-CPR	Cardiopulmonary Resuscitation	Elective	----	1	1	--	
		FE-ML	Management And Leadership Skills	Elective	----	1	1	--	
		FE-IC	Infection Control	Elective	----	1	1	--	
		FE-MP	Medical Psychology	Elective	----	1	1	--	
		FE-HM	Herbal Medicine	Elective	----	1	1	--	
		FE-LD	Laser In Dentistry	Elective	----	1	1	--	
		FE-MS	Marketing Skills	Elective	----	1	1	--	
		FE-DT	Dental Terminology	Elective	----	1	1	--	
		FE-GD	Geriatric Dentistry	Elective	----	1	1	--	
		FE-ST	Scientific Thinking	Elective	----	1	1	--	
		FE-ME	Medical Emergency in Dental Practice	Elective	----	1	1	--	
		FE-GC	General Risk & Crisis Management	Elective	----	1	1	--	

4. Academic Standards (NARS 2024)

- **Adopted Academic Standards: National Academic Reference Standards (NARS 2024) for dentistry, for undergraduates, offered by the Egyptian Authority for quality Assurance and Accreditation for Education (NAQAAE) 2024.**
- **Date of Adoption of Standards in the governing Council: 20-07-2025**
* Decision/Minutes of the governing Council to be attached

Program Outcomes/Competencies (NARS 2024)

Graduates are expected to have a range of personal qualities, cognitive abilities, and applied knowledge and skills; they must be able to:

1. Apply basic biological science principles in patient dental care delivery.
2. Identify the determinants of health, risk factors and behaviors that influence oral dental health.
3. Apply clinical reasoning and problem-solving skills in a reflective approach to oral health care.
4. Provide patient-centered care covering the assessment, treatment planning, management, and monitoring of the patient (annex 1); in addition to oral health and disease preventive measures; maintaining patient records, privacy, and confidentiality.
5. Recognize their role in improving the general and oral health of the community
6. Comply with ethical and legal/regulatory standards in the provision of patient-centered dental care, respecting patient's dignity, rights and preferences.
7. Work cooperatively and communicate effectively with team members, colleagues, patients, families, and communities.

8. Demonstrate effective business, financial, and entrepreneurial skills.
9. Engage in self-directed, lifelong learning, and professional development.
10. Recognize his/her own limitations of knowledge and skills and refer patients to appropriate specialists at the appropriate stage.

Annex 1

Graduates (General Dentists) must be competent in providing patient-centered oral health care in all stages of life, including:

1. History taking.
2. Clinical and radiographic examination.
3. Diagnosis.
4. Treatment planning, prognosis, and informed consent.
5. Basic Local anesthesia, and pain and anxiety control.
6. Pharmacological therapy.
7. Restoration of teeth.
8. Basic Dental laboratory procedures in patient care support.
9. Replacement of teeth including fixed and removable prosthodontics
10. Non-surgical Periodontal therapy.
11. Basic Pulpal therapy.
12. Exodontia.
13. Dental emergencies.
14. Management of common medical emergencies relevant to dental practice.
15. Malocclusion diagnosis and space management.
16. Evaluation of treatment outcomes.
17. Infection control procedures.

5. Matrix of NARS 2024 (Program Outcomes POs) with Courses

[illegible]

[illegible]

Compulsory Courses		Program Outcomes / NARS 2024																											
Name	Code	1	2	3	4 Annex 1																	5	6	7	8	9	10		
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
Preclinical prosthetic dentistry I	FMD-PPDI-301												●	●															
General surgery	FMM-GS-301		●		●	●	●	●																●					
Ear Nose and throat	FMM-ENT-301		●		●	●	●	●																●					
Ophthalmology	FMM-O-301		●		●	●	●	●																●					
Oral pathology II	FMB-OPII-302	●	●	●	●	●	●	●															●			●		●	
Preclinical restorative Dentistry II	FMD-PRDII-302			●		●	●				●															●		●	
Preclinical fixed prosthodontics II	FMD-PFPII-302			●								●	●														●		
Preclinical prosthetic dentistry II	FMD-PPDII-302			●								●	●													●		●	
General internal medicine	FMM-GM-302				●	●	●	●															●						
Dermatology	FMM-D-302				●	●	●	●															●						
Oral radiology	FMD-OR-302			●		●	●																●			●		●	
Cardiopulmonary Resuscitation	FE-CPR-302																		●				●						
Clinical Restorative Dentistry I	FMD-CRDI-401		●	●	●	●	●	●			●															●		●	
Preclinical Fixed Prosthodontics III	FMD-PFP-III-401			●								●	●													●		●	
Clinical Prosthetic Dentistry I	FMD-CPDI-401			●	●	●	●	●				●	●								●					●			●

Compulsory Courses		Program Outcomes / NARS 2024																									
Name	Code	1	2	3	4 Annex 1																	5	6	7	8	9	10
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
Oral Medicine I	FMD-OMI-401			●	●	●	●													●		●			●	●	
Preclinical Endodontics I	FMD-PEI-401			●											●							●		●		●	●
Orthodontics I	FMD-OI-401			●															●								
Oral and Maxillofacial Surgery I	FMM-OMSI-401			●					●	●												●		●		●	
Oral Diagnosis	FMD-OD-401			●	●	●	●															●		●		●	
Clinical Restorative Dentistry II	FMD-CRDII-402		●	●	●	●	●	●			●											●	●	●		●	●
Clinical Fixed Prosthodontics I	FMD-CFPI-402			●								●	●							●			●	●		●	●
Clinical Prosthetic Dentistry II	FMD-CPDII-402			●	●	●	●	●				●	●							●		●	●	●		●	●
Oral Medicine II	FMD-OMII-402		●	●	●	●	●	●												●		●	●	●		●	●
Preclinical Endodontics II	FMD-PEII-402			●											●						●			●		●	
Orthodontics II	FMD-OII-402			●	●	●	●	●											●				●	●		●	●
Oral and Maxillofacial Surgery II	FMD-OMSII-402			●	●	●	●	●	●	●						●	●	●				●	●	●		●	
Preclinical pediatric dentistry	FMD-PPD-402			●		●					●								●					●		●	

Compulsory Courses		Program Outcomes / NARS 2024																										
Name	Code	1	2	3	4																	5	6	7	8	9	10	
					Annex 1																							
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17							
Oral health and preventive dentistry	FMD-OHPI-402		●																		●	●					●	
Clinical Restorative Dentistry III	FMD-CRDIII-501		●	●	●	●	●	●			●										●		●	●	●		●	●
Clinical Fixed Prosthodontics II	FMD-CFP II-501			●	●	●	●	●					●								●			●	●		●	●
Clinical Prosthetic Dentistry III	FMD-CPDIII-501			●	●	●	●	●					●							●	●		●	●	●		●	●
Clinical Endodontics I	FMD-CEI-501			●	●	●	●	●							●						●			●	●		●	●
Oral and Maxillofacial Surgery III	FMD-OMSIII-501		●	●	●	●	●	●		●											●		●	●	●		●	●
Periodontics I	FMD-PI-501		●	●	●	●	●	●						●							●		●	●	●		●	●
Oral Health & Preventive II	FMD-OHP II-501		●								●											●					●	
Entrepreneurship	FE-EP-501																									●		
Clinical Restorative Dentistry IV	FMD-CRDIV-502		●	●	●	●	●	●			●										●		●	●	●		●	●
Clinical Fixed Prosthodontics III	FMD-CFP III-502			●	●	●	●	●					●								●		●	●	●		●	●
Clinical Prosthetic Dentistry IV	FMD-CPDIV-502			●	●	●	●	●				●	●								●		●	●	●		●	●
Clinical Endodontics II	FMD-CEII-502		●	●	●	●	●	●							●						●		●	●	●		●	●

Compulsory Courses		Program Outcomes / NARS 2024																									
Name	Code	1	2	3	4																	5	6	7	8	9	10
					Annex 1																						
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
Oral and Maxillofacial Surgery IV	FMD-OMSIV-502		●	●	●	●	●	●	●											●		●	●	●		●	●
Periodontics II	FMD-PII-502		●	●	●	●	●	●						●						●		●	●	●		●	●
Clinical Pediatric Dentistry	FMD-CPD-502		●	●	●	●	●	●	●	●	●				●	●	●			●		●	●	●		●	●
Principles of Implantology	FMD-PI-502			●	●	●	●	●					●							●						●	●
Comprehensive Care Clinic	FMD-CCC-502		●	●	●	●	●	●			●		●	●	●	●				●		●	●	●		●	●

Elective Courses		Program Outcomes / NARS 2024																									
Name	Code	1	2	3	4																	5	6	7	8	9	10
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
Stem Cells and Tissue Engineering	FE-ST	●																									
Cardiopulmonary Resuscitation	FE-CPR																	●				●					
Management And Leadership Skills	FE-ML																								●		
Infection Control	FE-IC																					●					
Medical Psychology	FE-MP																					●					
Herbal Medicine	FE-HM																					●					
Laser In Dentistry	FE-LD																								●		
Marketing Skills	FE-MS										●		●		●											●	
Dental Terminology	FE-DT																								●		
Geriatric Dentistry	FE-GD																					●	●				
Scientific Thinking	FE-ST																								●		
Medical Emergency in Dental Practice	FE-ME																	●				●					
General Risk & Crisis Management	FE-GC		●															●				●					

6. Teaching and Learning strategies/methods to achieve Program Outcomes:

- 1. Lectures (Classically Demonstrative Presentation Style).**
- 2. Hybrid/Blended Learning.**
- 3. Interactive Learning (Discussion in Lectures).**
- 4. Seminars.**
- 5. Self-learning (research, assignments).**
- 6. Brainstorming sessions.**
- 7. Flipped classroom teaching method.**
- 8. Problem-based learning / Case studies.**
- 9. Practical laboratory training (OSPE).**
- 10. Clinical training (chairside, OSCE, SCOT).**
- 11. Workshops (skills development, communication, ethics, infection control, BLS, research).**
- 12. Cooperative learning (comprehensive treatment planning and execution).**
- 13. Dental Convoys.**

7. Student Assessment methods to verify and ensure students' acquisition of Program Outcomes:

Assessment Category (acc. To NARS 2024)	Assessment Tool	Weight (%)
Formative Assessment	Feedback Through the lectures	0%
Continuous Assessment (Semester work)	Quizzes	20%
	Practical Requirements	
	Self-learning activities (assignments/ seminars/ Research)	
Summative Assessment	Final Practical exam	80%
	Final Oral exam	
	Final Written exam	

8. Program Key Performance Indicators (if any)

No.	Performance Indicator	Target Level	Method	Measurement
1.	Percentage of admitted students continuing in the program	> 90% of newly admitted students continue until the end of the year	Admission and registration records	Number of enrolled students compared to those continuing
2.	Success rate in basic academic courses	> 70% of students achieve success	Written exams (MCQs, SAQs)	Analysis of pass and fail rates
3.	Percentage of students obtaining (B) and above	> 50% of students	Final results	Grade distribution (A, B,C)
4.	Acquisition of basic clinical skills	> 70% of students achieve the required level	Practical clinical assessment (OSCE, clinical requirements)	Evaluation sheets, number of completed cases
5.	Participation in community activities	> 30% of students participate	Community projects / Reports	Participation rate and number of implemented activities
6.	Compliance with ethical and regulatory standards	> 80% of students	Practical situations / Faculty observation	Observation sheets – behavior reports
7.	Development of communication and teamwork skills	> 50% of students	Presentations / Peer evaluation/ Comprehensive care clinics/ Collaborative clinical practice (two students managing one patient together).	Evaluation sheets – feedback forms
8.	Pursuit of professional development and self-directed learning	> 60% of students provide evidence	Portfolios / Reports / Research projects and activities	Portfolio evaluation based on number and quality of evidence

Name & Signature
Program Coordinator
Prof. Shereen Abdel Moula

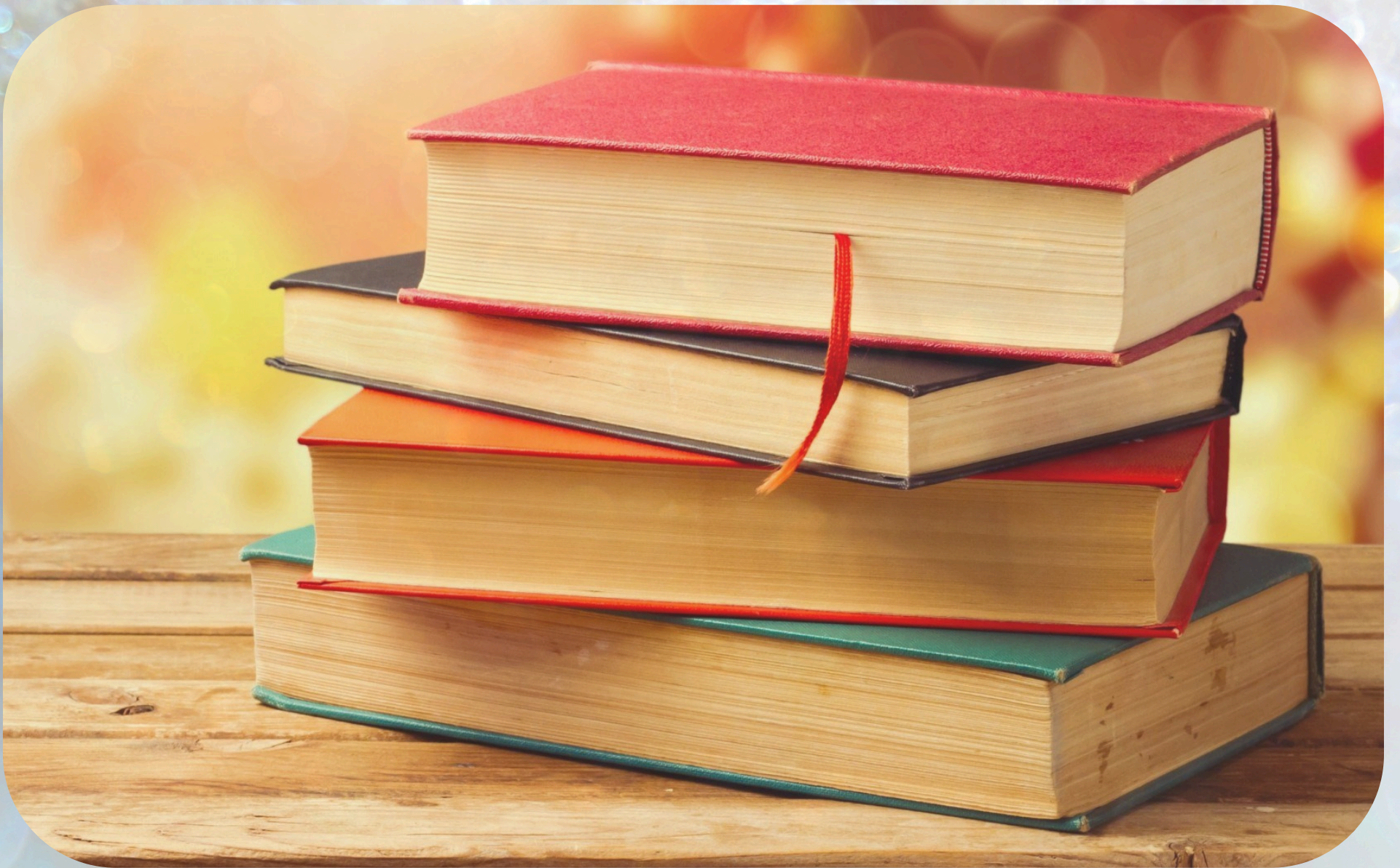
Name & Signature
Vice Dean for Education and Student Affairs
Prof. Shereen Abdel Moula



Tanta University
Faculty of Dentistry
Quality Assurance Unit



PROGRAM SPECIFICATION B.D.S *2025-2026*



FACULTY COUNCIL
16-9-2025



Program Specification 2025-2026



1. Basic Information

ProgramTitle	Bachelor of Dental Surgery (BDS)
Total number of Credit hours of the program	169 Hours
Number of academic years/levels (expected program duration):	Five years +one year internship
Department (s) Participating (if any) in teaching the program:	<ul style="list-style-type: none"> • <u>Prosthetic Dentistry</u> • <u>Oral Pathology</u> • <u>Oral Biology</u> • <u>Orthodontics</u> • <u>Oral & Maxillofacial Surgery</u> • <u>Pediatric Dentistry, Oral Health and Preventive Dentistry</u> • <u>Dental Biomaterials</u> • <u>Oral Medicine, Periodontology, Oral Diagnosis & Radiology</u> • <u>Restorative Dentistry</u> • <u>Fixed Prosthodontics</u> • <u>Endodontics</u> - <u>Courses taught in Faculty of Science, Tanta University include</u> Chemistry, Physics & Biostatistics, Zoology & Genetics. - <u>Courses taught in Faculty of Medicine, Tanta University include</u> General Anatomy & General Histology, Special Anatomy, General Physiology, Biochemistry, General Microbiology, General Pathology, Pharmacology, Internal Medicine, Dermatology, General Surgery, ENT and Ophthalmology. - <u>Complementary sciences:</u> - - Computer science - English - human rights
Faculty/Institute:	Faculty of Dentistry
University/Academy:	Tanta University
Program majors/divisions/tracks/specialties in the final year (if any):	Not applicable – The program does not include majors or tracks in the final year

Partnerships with other parties and the nature of each (if any):	Non-applicable
Name of the program coordinator (attach the assignment decision):	Prof. Shereen Abd Al-Moula Ali
Program Specification Approval Date:	16/09/2025
Council responsible for Program Specification Approval (Attach the Decision / Minutes):	Faculty Council

2. Program Aims (Brief description of the overall purpose of the program)

The program aims to graduate competent dentists with a solid scientific foundation, capable of safe clinical practice, committed to lifelong learning, guided by ethical and legal principles, and skilled in effective communication with patients and the community.

3. Program Structure (Curriculum)

- Program Components

Requirement Category/Type		Number of Courses	Number of Total Hours	Percentage from the total number of hours/points
University Requirements		Not applicable		
Faculty Requirements (Mandatory)		38	169	100%
Program Requirements		38	169	100%
Requirements of the majors/ divisions/ tracks/ specializations in the final year (if any)		Not applicable – The program does not include majors or tracks in the final year		
Other requirements	Field Training	Not applicable – Field training is integrated within clinical courses		
	Graduation Project	Not applicable – The program does not include a graduation project.		
	Mandatory training year	1 year	Not counted within the academic program hours	0% of academic program hours
Total Compulsory Courses		38	169	100%
Total		38	169	100%

- Program courses according to the expected study plan

Academic year	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of weekly Hours	Number of Weekly Hours		
						Theoretical teaching	Practical training	Other
Preparatory year	TDEN 00:01	Chemistry	Compulsory	----	4	2	2	
	TDEN 00:02	Physics & statistical	Compulsory	----	4	2	2	
	TDEN 00:03	Zoology & genetics	Compulsory	----	4	2	2	
	TDEN 00:04	General Anatomy	Compulsory	----	8	4	4	
	TDEN 00:04	General Histology	Compulsory	----	4	2	2	
	TDEN 00:05	Dental Morphology	Compulsory	----	4	1	3	
	TDEN 00:06	Basic dental biomaterials	Compulsory	----	1	1	-	
	TDEN 00:07	English language & Medical Terminology	Compulsory	----	2	2	-	

Academic year	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of weekly Hours	Number of Weekly Hours		
						Theoretical teaching	Practical training	Other
First year	TDEN 01:01	Oral biology	Compulsory	---	4	2	2	
	TDEN 01:02	General Pathology	Compulsory	---	4	2	2	
	TDEN 01:03	Biochemistry	Compulsory	---	3	2	1	
	TDEN 01:04	General Physiology	Compulsory	---	6	4	2	
	TDEN 01:05	Special Anatomy	Compulsory	---	4	2	2	
	TDEN 01:06	Dental Biomaterials	Compulsory	---	3	1	2	
	TDEN 01:07	General Microbiology	Compulsory	---	4	2	2	

Academic year	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of weekly Hours	Number of Weekly Hours		
						Theoretical teaching	Practical training	Other
Second year	TDEN 02:01	Oral Pathology	Compulsory	---	6	3	3	
	TDEN 02:02	Technology of Restorative Dentistry	Compulsory	---	6	2	4	
	TDEN 02:03	Technology of Fixed Prosthodontics	Compulsory	---	6	2	4	
	TDEN 02:04	Technology of Prosthetic Dentistry	Compulsory	---	8	2	6	
	TDEN 02:05	Technology of Orthodontics	Compulsory	---	3	1	2	
	TDEN 02:06	Technology of Pediatric Dentistry	Compulsory	---	3	1	2	
	TDEN 02:07	Pharmacology	Compulsory	---	3	2	1	

Academic year	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of weekly Hours	Number of Weekly Hours		
						Theoretical teaching	Practical training	Other
Third Year	TDEN 03:01	Internal Medicine	Compulsory					
		Dermatology and Venereology	Compulsory	----	4	2	2	
	TDEN 03:02	General Surgery	Compulsory	----				
		ENT	Compulsory	----	4	2	2	
		Ophthalmology	Compulsory	----				
	TDEN 03:03	Oral Surgery and anesthesia	Compulsory	----	4	2	2	
	TDEN 03:04	Restorative Dentistry	Compulsory	----	4	1	3	
	TDEN 03:05	Fixed Prosthodontics	Compulsory	----	4	1	3	
	TDEN 03:06	Technology of endodontics	Compulsory	----	3	1	2	
	TDEN 03:07	Oral Diagnosis & Oral Radiology	Compulsory	----	4	2	2	
			Compulsory	----				
	TDEN 03:08	Prothhetic dentistry	Compulsory	----	5	2	3	
	TDEN 03:09	Pediatric Dentistry	Compulsory	----				
		Oral Health & Preventive Dentistry	Compulsory	----	5	2	3	
	TDEN 03: 10	Orthodontics	Compulsory	----	3	1	2	

Academic year	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of weekly Hours	Number of Weekly Hours		
						Theoretical teaching	Practical training	Other
Fourth Year	TDEN 04:01	Restorative Dentistry	compulsory	--	6	2	4	
	TDEN 04:02	Fixed Prosthodontics	compulsory	--	6	2	4	
	TDEN 04:03	Endodontics	compulsory	--	3	1	2	
	TDEN 04:04	Oral and Maxillofacial Surgery	compulsory	--	6	3	3	
	TDEN 04:05	Oral Medicine & Periodontology	compulsory	--	8	4	4	
			compulsory	--				
	TDEN 04:06	Prosthetic dentistry	compulsory	--	8	2	6	

4. Academic Standards

- **Adopted Academic Standards: National Academic Reference Standards (NARS 2024) for dentistry, for undergraduates, offered by the Egyptian Authority for quality Assurance and Accreditation for Education (NAQAAE) 2024.**
- **Date of Adoption of Standards in the governing Council: 20/07/2025**
* Decision/Minutes of the governing Council to be attached

Program Outcomes/Competencies (NARS 2024)

Graduates are expected to have a range of personal qualities, cognitive abilities, and applied knowledge and skills; they must be able to:

1. Apply basic biological science principles in patient dental care delivery.
2. Identify the determinants of health, risk factors and behaviors that influence oral dental health.
3. Apply clinical reasoning and problem-solving skills in a reflective approach to oral health care.
4. Provide patient-centered care covering the assessment, treatment planning, management, and monitoring of the patient (annex 1); in addition to oral health and disease preventive measures; maintaining patient records, privacy, and confidentiality.
5. Recognize their role in improving the general and oral health of the community
6. Comply with ethical and legal/regulatory standards in the provision of patient-centered dental care, respecting patient's dignity, rights and preferences.
7. Work cooperatively and communicate effectively with team members, colleagues, patients, families, and communities.

8. Demonstrate effective business, financial, and entrepreneurial skills.
9. Engage in self-directed, lifelong learning, and professional development.
10. Recognize his/her own limitations of knowledge and skills and refer patients to appropriate specialists at the appropriate stage.

Annex 1

Graduates (General Dentists) must be competent in providing patient-centered oral health care in all stages of life, including:

1. History taking.
 2. Clinical and radiographic examination.
 3. Diagnosis.
 4. Treatment planning, prognosis, and informed consent.
 5. Basic Local anesthesia, and pain and anxiety control.
 6. Pharmacological therapy.
 7. Restoration of teeth.
 8. Basic Dental laboratory procedures in patient care support.
 9. Replacement of teeth including fixed and removable prosthodontics
 10. Non-surgical Periodontal therapy.
 11. Basic Pulpal therapy.
 12. Exodontia.
 13. Dental emergencies.
 14. Management of common medical emergencies relevant to dental practice.
 15. Malocclusion diagnosis and space management.
 16. Evaluation of treatment outcomes.
- Infection control procedures.

5. Matrix of NARS 2024 (Program Outcomes POs) with Courses

[illegible]

Compulsory Courses		Program Outcomes / NARS 2024																									
Name	Code	1	2	3	4 Annex 1																	5	6	7	8	9	10
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
General Microbiology	TDEN 01:07																										
Oral Pathology	TDEN 02:01	●	●		●	●	●	●														●		●		●	
Technology of Restorative Dentistry	TDEN 02:02					●	●				●													●		●	
Technology of crown & bridge	TDEN 02:03			●								●	●													●	
Technology of Prosthetic Dentistry	TDEN 02:04			●								●	●													●	
Technology of Orthodontics	TDEN 02:05			●															●					●		●	
Technology of Pediatric Dentistry	TDEN 02:06			●		●					●								●					●		●	
Pharmacology	TDEN 02:07	●								●																	
Internal Medicine	TDEN 03:01		●		●	●	●	●														●					
Dermatology and Venereology	TDEN 03:01		●		●	●	●	●														●					
General Surgery	TDEN 03:02		●		●	●	●	●														●					
ENT	TDEN 03:02		●		●	●	●	●														●					
Ophthalmology	TDEN 03:02		●		●	●	●	●														●					

Compulsory Courses		Program Outcomes / NARS 2024																									
Name	Code	1	2	3	4 Annex 1																	5	6	7	8	9	10
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
Oral and Maxillofacial Surgery and anesthesia	TDEN 03:03			●	●	●	●	●	●							●	●	●				●			●		
Operative Dentistry (II)	TDEN 03:04			●	●	●	●	●			●									●				●		●	
Crown & Bridge (II)	TDEN 03:05			●								●	●							●				●		●	
Technology of endodontics	TDEN 03:06			●											●						●			●		●	
Oral Diagnosis	TDEN 03:07			●	●	●	●	●																●		●	
Oral Radiology	TDEN 03:07			●		●	●															●		●		●	●
Prosthodontics	TDEN 03:08			●	●	●	●	●				●	●							●		●		●		●	●
Pedodontics	TDEN 03:09			●	●	●	●	●						●						●		●		●		●	●
Oral Health & Preventive Dentistry	TDEN 03:09		●		●	●	●				●										●	●		●		●	
Orthodontics (II)	TDEN 03:10			●	●	●	●	●											●				●		●		●
Restorative Dentistry	TDEN 04:01			●	●	●	●	●			●									●				●		●	●
Crown & Bridge	TDEN 04:02			●	●	●	●	●					●							●				●		●	●
Endodontics	TDEN 04:03			●	●	●	●	●							●					●		●		●		●	●

Compulsory Courses		Program Outcomes / NARS 2024																									
Name	Code	1	2	3	4																	5	6	7	8	9	10
					Annex 1																						
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
Oral and Maxillofacial Surgery	TDEN 04:04			•	•	•	•	•												•		•			•		•
Oral Medicine	TDEN 04:05			•	•	•	•	•														•			•		•
Periodontology	TDEN 04:05			•	•	•	•	•						•						•		•			•		•
Prosthodontics	TDEN 04:06			•	•	•	•	•					•							•		•			•		•

6. Teaching and Learning strategies/methods to achieve Program Outcomes:

- 1) Lectures (Classically Demonstrative Presentation Style).**
- 2) Hybrid/Blended Learning.**
- 3) Interactive Learning (Discussion in Lectures).**
- 4) Seminars.**
- 5) Self-learning (research, assignments).**
- 6) Brainstorming sessions.**
- 7) Flipped classroom teaching method.**
- 8) Problem-based learning / Case studies.**
- 9) Practical laboratory training (OSPE).**
- 10) Clinical training (chairside, OSCE, SCOT).**
- 11) Workshops (skills development, communication, ethics, infection control, BLS, research).**
- 12) Cooperative learning (comprehensive treatment planning and execution).**
- 13) Dental Convoys.**

7. Student Assessment strategies/methods to verify and ensure students' acquisition of Program Outcomes:

Assessment Category (acc. To NARS 2024)	Assessment Tool	Weight (%)
Formative Assessment	Feedback Through the lectures	0%
Continuous Assessment (Semester work)	Quizzes	20%
	Practical Requirements	
	Self-learning activities (assignments/ seminars/ Research)	
Summative Assessment	Final Practical exam	80%
	Final Oral exam	
	Final Written exam	

8. Program Key Performance Indicators (if any)

No.	Performance Indicator	Target Level	Method	Measurement
1.				
2.				
3.				



Name & Signature
Program Coordinator
Prof. Shereen Abdel Moula

Name & Signature
Vice Dean for Education and Student Affairs
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