



الجامعة المصرية الروسية



**Bachelor's Degree Program Specification  
Faculty of Oral and Dental Medicine  
Egyptian Russian University**

**توصيف برنامج البكالوريوس  
كلية طب الفم والاسنان- الجامعة المصرية الروسية  
2025- 2024**

وحدة ضمان الجودة والاعتماد

## TABLE OF CONTENTS

Title	Page Number
• <b>Introduction, vision and mission</b>	2
• <b>Basic information</b>	3
• <b>Professional information</b>	3
○ <b>Program aims</b>	3
• <b>Intended learning outcomes (ILOs)</b>	4
• <b>Academic reference standards</b>	9
• <b>Program duration</b>	9
• <b>Program skeleton</b>	10
• <b>Program courses and levels</b>	13
• <b>Internship</b>	15
• <b>Program enrollment requirements</b>	15
• <b>Regulation for program completion</b>	15
• <b>Course / Assessment methods</b>	16
• <b>Teaching and learning methods</b>	16
• <b>Assessment methods</b>	17
• <b>Program evaluation methods</b>	17
• <b>Appendix of Program matrices</b>	18
Appendix (1) Matrix of attributes of the graduates of dental medicine (NARS) and program aims	i
Appendix (2) Matrix of NARS ILO's and program ILO's:	ii
Appendix (3) Matrix of courses and program ILO's	vii
Appendix (4) Matrix of program ILO's & teaching and learning methods.	Xiii
Appendix (5) Matrix of program ILO's & Assessment methods.	xvi
Appendix (6) Matrix of program courses & teaching and learning methods.	xx
Appendix (7) Matrix of program courses & Assessment methods.	xxiv
Appendix (8) Attributes of graduate X ILO's in the program	xxviii
Appendix (9) Attributes of graduate X faculty mission	xxxix



## **I. Introduction:**

The Faculty of Oral and Dental Medicine is one of the faculties of the Egyptian Russian University and seeks to take into account modern international standards in medical education in terms of teaching, learning and evaluating students. The college follows a curriculum based on integration and interdependence between basic medical sciences and applied clinical sciences and takes into account the use of teaching aids and modern technology in the education system.

### **Our Vision.**

The Faculty of Oral and Dental Medicine at the Egyptian Russian University aspires to excellence in education and scientific research, to achieve a prestigious position locally and regionally, while contributing to serve and develop community with an adherence to professional ethics.

### **Our Mission.**

The Faculty of Oral and Dental Medicine at Egyptian Russian University is committed to prepare unique graduates through providing an advanced educational program and conducting scientific research, which in turn serves community and promotes environmental development within an ethical framework.

## I. Basic Information.

<b>Program title</b>	Bachelor's Degree in Oral and Dental Medicine
<b>Program nature</b>	Single. (Undergraduate)
<b>Date of program beginning</b>	9/2020
<b>Date of program approval</b>	9/ 2020. Faculty council No. (61)
<b>Last approval</b>	10/2024. Faculty council No. (108)
<b>Program co-ordinator</b>	Prof. Dr. Ahmed Samir
<b>External evaluator.</b>	Prof. Dr Fatma El Shehaby
<b>Internal evaluator</b>	Internal evaluation committee

## II. Professional information:

### Program aims:

The bachelor's degree of Oral & Dental Medicine offered by Faculty of Oral and Dental Medicine, Egyptian Russian University is designed for students who aspire to understand, analyze, forecast and influence the dental profession at the aggregate as well as the individual level. It aims to:

- i. Provide distinguished dentists able to practice general dentistry with a high degree of clinical and practical skills and maintain patient records in complete and accurate forms.
- ii. Improve analytical thinking capacity and problem-solving attitudes of dental students through the use of modern teaching strategies and assessment methods.
- iii. Promote opportunities for continuous education, training, and ongoing dental technology.
- iv. Communicate effectively with their patients and dental team members and recognize dental ethics and medico-legal aspects of dental professionals.
- v. Prepare a competent dentist able to fulfill both therapeutic and preventive needs of patients and consider limitations of clinical abilities and the need for proper referral.
- vi. Maintain safe infection-controlled environment.
- vii. Respond to socio-economic aspects of different communities and engage effectively in community services.

## IV. Intended learning outcomes (ILOs)

### A. Knowledge and understanding:

On completing this program, the graduate must be able to:

- A1. Explain the physiology and biochemistry of both healthy and diseased human body and oral structures in relation to different body systems, both macroscopically and microscopically.
- A2. Identify the microbiological and pathological conditions affecting the oral cavity and their correlation to systemic conditions and diseases and immune system.
- A3. Recognize oral health care significance and practices including preventive measures for various oral pathological conditions.
- A4. Recognize different dental materials and techniques.
- A5. Recognize the prevention basis and management of medical and dental emergencies.
- A6. Recognize Infection control measures and asepsis.
- A7. Recognize evidence-based decision making in dental practice.
- A8. Clarify the principles of socio-economic, medico-legal, ethical and evidence-based aspects relevant to dental practice and research.
- A9. Recognize behavior management for simple cases and modified techniques for esthetic difficult dental and surgical cases.
- A10. Explain the basis and significance of oral health promotion, nutritional methods to prevent oral diseases in population-based approaches.
- A11. Identify basic work skills and practice management.
- A12. Clarify principles of collecting data: clinical, radiographic and laboratory to formulate diagnosis, treatment planning, prevention and prognosis of dental cases and oral disease for adults, children, and those with special needs.
- A13. Identify dental and medical terminology in normal and pathologic conditions.
- A14. Explain principles of chemistry required in selection of relevant pharmacotherapeutics.
- A15. Identify the basic principles of physics and biosciences and their significance to dental and maxillofacial field.

### B. Intellectual skills:

On completing this program, the graduate must be able to:

- B1. Relate the findings of patient's history, clinical, radiographic, and other diagnostic examinations to formulate diagnosis, appropriate treatment planning and referrals.
- B2. Analyze diseases using basic biomedical, behavioral, and dental science to clinical and physical findings.

- B3. Analyze collected data and design proper treatment plan to solve dental clinical problems to patients of all ages, special needs and the medically compromised.
- B4. Evaluate the effects of medications on dental management for children and adults.
- B5. Justify the proper implant design for different clinical cases.
- B6. Assess patient risk factors for periodontal diseases and caries and implement their prevention strategies in children and adults.
- B7. Design proper laboratory and clinical procedures used for fabrication of prosthetic appliances.
- B8. Formulate effective solutions for clinical problems and evaluate preventive, corrective, restorative and surgical procedures that preserve tooth structure and prevent hard tissue disease as well as promotion of soft tissue health.
- B9. Develops guidelines to correct deficiencies in patient's oral hygiene regimens.
- B10. Distinguish proper dental instruments and instrumentation.
- B11. Correlate basic sciences and dental biomaterials selection to different dental specialties.
- B12. Interpret various imaging modalities to solve different clinical situations.

### **C. Professional and practical skills:**

On completing this program, the graduate must be able to:

- C1. Apply different diagnostic procedures and multidisciplinary consultations to develop a comprehensive treatment plan.
- C2. Illustrate the common disorders of the body and report pathological conditions with their etiology and risk factors.
- C3. Select the appropriate designs of implant for different oral situations and esthetic considerations into the scope of different current practices.
- C4. Perform management different diseases & lesions affecting the oral and para-oral structure.
- C5. Conduct preventive and non-surgical treatment plans and follow up the outcomes.
- C6. Perform endodontic and restorative procedures.
- C7. Perform administration of local anesthesia, extraction techniques and minor surgical procedures.
- C8. Perform prosthetic treatment of completely and partially edentulous cases, with both fixed and removable prosthetic devices.
- C9. Implement quality and principles of infection control to dental practice.
- C10. Employ stress reduction protocols for patients of different ages and needs.
- C11. Deal with dental and medical emergencies.
- C12. Produce diagnostic radiographic images for dental and para-dental structures and apply safety measures.
- C13. Manipulate different dental materials.

- C14. Use light microscopic examination in identification of microorganisms and different histological or pathological sections.
- C15. Prescribe medications in relation to patient age and medical condition.
- C16. Perform management of dental malocclusion.

#### **D. General and transferable skills:**

On completing this program, the graduate must be able to:

- D1. Communicate effectively with patients and other dental members in a teamwork.
- D2. Collaborate efficiently in multidisciplinary work environment using verbal and non- verbal means for the success of the treatment plan.
- D3. Employ recent information technology to upgrade information and skills.
- D4. Utilize different educational resources for lifelong professional development.
- D5. Self-evaluate regarding professional abilities and limitations to assess performance.
- D6. Conduct decisions based on ethical and scientific grounds.
- D7. Respect safety measures and infection control principles in dental practice.
- D8. Manage time effectively.
- D9. Deal professionally towards dental patients and the surrounding community.

#### **V. Academic reference standards:**

**National Academic Reference Standards (NARS) of dentistry education** issued by the National Authority for Quality Assurance and Accreditation Of Education (NAQAA) (January 2009, 1<sup>st</sup> edition)

##### **1- Attributes of the Graduates of Dental Medicine**

**The graduate must be able to: -**

- 1.1. Deliver independently oral health care services within the scope of general dentistry.
- 1.2. Provide ethical professional practice including compassion, empathy, integrity, responsibility, and tolerance.
- 1.3. Provide comprehensive practice management encompassing patient assessments and maintain patient's records in complete and accurate forms.
- 1.4. Communicate effectively to develop a mature, sensitive, and caring relationship with their patients.
- 1.5. Respond to socio-economic aspects of different communities and engage effectively in community services.
- 1.6. Maintain a safe and infection-controlled environment.
- 1.7. Realize the importance of lifelong learning and strive for continuous professional education.
- 1.8. Recognize the various features of medico-legal aspects of the dental profession.



- 1.9. Recognize the limitation of their current knowledge and clinical abilities and realize the need for proper referral.
- 1.10. Evaluate and respond to ongoing dental technology.

## **2- Knowledge and Understanding: -**

Upon completion of an undergraduate dental program, the graduate must know and understand the biomedical, dental, and behavioral sciences that form the basis of human health and disease including:

- 2.1. The interrelationship between different systems of the human body.
- 2.2. The principles of pathogenic mechanisms and manifestations of human diseases which are of dental significance.
- 2.3. Basis and significance of oral health promotion, nutritional education and prevention of oral diseases in population-based approaches.
- 2.4. Prevention and management of medical emergencies.
- 2.5. Maintenance of infection control and a safe working environment.
- 2.6. Basis of practice management.
- 2.7. Principles of evidence-based dentistry and its relation to scientific research.
- 2.8. Ethical and medico-legal aspects relevant to the practice of dentistry and research.
- 2.9. Social and psychological issues relevant to dental care with emphasis on behavioral management.

## **3- Practical and Clinical Skills: -**

### **The graduate must be able to:-**

- 3.1. Establish a comprehensive patient's history, perform clinical examinations, request and evaluate appropriate investigations.
- 3.2. Review the body systems and consult with other health care professionals, when required.
- 3.4. Detect abnormal and pathological conditions, as well as etiological and/or risk factors that may contribute to disease process.
- 3.5. Perform a range of clinical procedures which are within the scope of general dentistry, including:
  - 3.5.1. Applications of preventive procedures.
  - 3.5.2. Application of different local anesthetic techniques.
  - 3.5.3. Extraction of teeth and removal of roots when necessary.
  - 3.5.4. Diagnosis of commonly encountered oral lesions.



- 3.5.5. Performance of the necessary radiographs.
- 3.5.6. Performance of non-surgical periodontal treatment and monitor treatment outcomes.
- 3.5.7. Restoration of carious and non-carious tooth defects with emphasis on basic concepts of esthetics.
- 3.5.8. Basic endodontic procedures.
- 3.5.9. Rehabilitation of partially and completely edentulous patients.
- 3.5.10. Diagnosis and prevention of developing malocclusions.
- 3.5.11. Basic endodontic treatment.

3.6. Apply current infection control guidelines.

3.7. Control different levels of patient's anxiety and apprehension in different age groups.

3.8. Manage dental and medical emergencies which may occur in dental practice and perform basic life support measures.

3.9. Prescribe and monitor the effects of appropriate pharmaceutical agents taking into consideration drug and patient factors.

#### **4- Intellectual Skills: -**

##### **The graduate must be able to: -**

- 4.1. Integrate basic biomedical, behavioral, and dental sciences with signs, symptoms and physical findings of the disease.
- 4.2. Differentiate between normal and abnormal features that are particularly relevant to dental practice.
- 4.3. Identify, prioritize, and generate a list of potential patient's clinical problems.
- 4.4. Analyze, interpret, and integrate collected diagnostic data to solve clinical problems based on current evidence.
- 4.5. Design appropriate treatment plans for different dental problems.
- 4.6. Assess and evaluate the effects of medications taken by the patient on dental management.
- 4.7. Reason deductively in clinical problem solving.

#### **5- General and Transferable Skills: -**

##### **The graduate must be able to:**

- 5.1. Work in collaboration as a member of an interdisciplinary team.
- 5.2. Communicate effectively in multicultural work environment using verbal and non -verbal means.
- 5.3. Recognize and effectively utilize all sources for continuing professional development and life-long learning.
- 5.4. Adopt a creative attitude in an ethical and scientific approach.
- 5.5. Self-evaluate professional abilities, performance, and progress.
- 5.6. Recognize professional responsibility towards the surrounding community.
- 5.7. Use information technologies to enrich and diversify professional experience.
- 5.8. Recognize the basic concepts of quality assurance and practice management.
- 5.9. Prioritize workload and manage personal stress in the framework of proper performance and management.

## **VI. Program duration,**

### **Program duration:**

- The student of “Faculty of Oral and Dental Medicine” will be offered a 5-year full time program divided into 10 semesters.
- Student must complete the required credit hours (total 191 credit hours) and must earn a cumulative grade point average of 2 or higher to be awarded the bachelor’s degree.
- Semester academic load for any student is between a minimum of 14 credit hours and maximum of 22 credit hours depending on student’s academic record.
- Students can register in the summer semester for a maximum of 7 credit hours.

## VII. Program skeleton:

- **Number of units/ hours.**

Faculty requirement: 181		University requirement: 10		Total: 191
Theoretical: 115	Practical/ clinical: 66	Compulsory: 8	Elective: 2	Total: 191

Program components	Number of credit hours	Percentage	NARS range
Courses of basic science	60	31.4%	28-32%
Complementary science	10	5.2%	5 -8%
Medical and dental science	121	63.3%	54-62%

### ❖ Faculty requirement

- **Basic Science (60 hours).**

Course code	Course Title	Credit Hours
ANA 101	Anatomy I	3
ANA 102	Anatomy II	3
PHY 101	Physiology I	3
PHY 102	Physiology II	3
BIO 111	Biochemistry	3
GHT 111	General histology	3
DAP 101	Dental Anatomy and physiology I	3
DAP 102	Dental Anatomy and physiology II	3
GPA112	General pathology	3
MBI 112	Microbiology and immunology	3
PHC112	Physics	1
OHE 201	Oral histology and embryology I	3
OHE 202	Oral histology and embryology II	3
PHA 211	Pharmacology	3
BSC 211	Bioscience	3
BDM 212	Basic dental material	2
ADM 301	Applied dental material I	2
ADM 302	Applied dental material II	2
OPA 301	Oral Pathology I	4
OPA 302	Oral Pathology II	4
CAR212	Cariology	1
OCC 211	Occlusion I	1
OCC 412	Occlusion II	1
<b>Total</b>		<b>60</b>

**Medical and dental science (121 hours).**

Course code	Course Title	Credit Hours
CDT201	Conservative dentistry I	2
PRS 201	Removable prosthodontics I	2
CDT 202	Conservative dentistry II	2
PRS 202	Removable prosthodontics II	2
INC 212	Infection control / CPR	2
DPH 212	Dental public health	2
FPR 301	Fixed prosthodontics I	3
CDT 301	Conservative dentistry III	2
PRS 301	Removable prosthodontics III	2
ODG 301	Oral diagnosis and orofacial pain I	3
RDG 301	Oral and maxillofacial radiology I	2
GMD 211	General medicine	3
FPR 302	Fixed prosthodontics II	3
CDT 302	Conservative dentistry IV	2
PRS 302	Removable prosthodontics IV	2
ODG 302	Oral diagnosis and orofacial pain II	3
GSG 212	General Surgery	3
DAN 312	Dental Anesthesia	2
FPR 401	Fixed prosthodontics III	2
CDT 401	Conservative dentistry V	2
PRS 401	Removable prosthodontics V	2
ORT 501	Orthodontics I	2
END 401	Endodontics I	2
OMP 401	Oral medicine & periodontology I	4
OMS 401	Oral and maxillofacial surgery I	3
RDG 401	Oral and maxillofacial radiology II	3
FPR 402	Fixed prosthodontics IV	2
CDC 402	Conservative dentistry VI	2
PRS 402	Removable prosthodontics VI	2
ORT 502	Orthodontics II	2
END 402	Endodontics II	3
OMP 402	Oral medicine & periodontology II	4
OMS 402	Oral and maxillofacial surgery II	3
PED 501	Pediatric dentistry I	2
FPR 501	Fixed prosthodontics V	3
CDT 501	Conservative dentistry VII	3
PRS 501	Removable prosthodontics VII	3
END 501	Endodontic III	2
OMP 501	Oral medicine & periodontology III	3
OMS 501	Oral and maxillofacial surgery III	3
IMP 511	Implantology	1
PED 502	Pediatric dentistry II	3
FPR 502	Fixed prosthodontics VI	3
CDT 502	Conservative dentistry VIII	3
PRS 502	Removable prosthodontics VIII	3

END 502	Endodontic IV	2
OMP 502	Oral medicine & periodontology IV	3
OMS 502	Oral and maxillofacial surgery IV	3
EST 512	Esthetic dentistry	1
<i>Total</i>		<i>121</i>

**❖ University requirements (10 credit hours)**

• **Compulsory courses (8 hours)**

Course code	Course Title	Credit Hours
RL 106	Russian language (I)	2
RL 116	Russian language (II)	2
EL 107	English language (I)	2
EL 117	English language (II)	1
ST 207	Scientific thinking	1
<i>Total</i>		<i>8</i>

• **Elective courses (2 hours) only two courses are selected.**

Course code	Course Title	Credit Hours
ELA 208	Political science	1
ELB 208	Impact of technology on society	1
ELC 208	History of Egypt	1
ELD 208	Profession relationships	1
ELE 208	Natural resources	1
ELF 208	Science of law	1
ELG 208	Technical writing	1

• **Internship:**

- The new graduate is required to *undertake 12 months' internship*; at least *3 months* in Faculty of Oral and Dental Medicine, Egyptian Russian University as a fundamental requirement for graduation divided into two theoretical hours and 28 practical hours/ month.
- Upon successful completion of the requirements, the candidate will receive a certificate of completion after passing one-year internship issued from Faculty of Oral and Dental Medicine, Egyptian Russian University.

### VIII. Program courses and levels:

level	Semester	Course Name	Course Code	Credit hours	Contact Hours		Course type	
					Didactic	Practical		
One	101	Anatomy (I)	ANA 101	3	2	2	core	
		Physiology(I)	PHY 101	3	2	2	core	
		Dental anatomy & physiology(I)	DAP 101	3	2	2	core	
		General histology	GHT111	3	2	2	core	
		Biochemistry	BIO 111	3	2	2	core	
		Russian language(1)	RL 106	2	2	----	UR	
		English language(1)	EL 107	2	2	----	UR	
	<b>Total credit</b>					<b>14</b>	<b>5</b>	<b>19</b>
	102	Anatomy (II)	ANA102	3	2	2	core	
		Physiology(II)	PHY 102	3	2	2	core	
		Dental anatomy & physiology(II)	DAP 102	3	2	2	core	
		General pathology	GPA 112	3	2	2	core	
		Microbiology& immunology	MBI 112	3	2	2	core	
		Physics	PHC 112	1	1	----	core	
Russian language(II)		RL 116	2	2	----	UR		
English language(II)	EL 117	1	1	----	UR			
<b>Total credit</b>					<b>14</b>	<b>5</b>	<b>19</b>	
Two	201	Oral histology & embryology (I)	OHE 201	3	2	2	core	
		Conservative dentistry (I)	CDT 201	2	1	2	core	
		Removable prosthodontics (I)	PRS 201	2	1	2	core	
		pharmacology	PHA 211	3	2	2	core	
		Bioscience	BSC 211	3	2	2	core	
		Basic dental materials	BDM 212	2	2	---	core	
		Occlusion (I)	OCC 211	1	1	---	core	
		Elective course		1	1	---	UR	
	<b>Total credit</b>					<b>12</b>	<b>5</b>	<b>17</b>
	202	Oral histology & embryology (II)	OHE 202	3	2	2	core	
		Conservative dentistry (II)	CDT 202	2	1	2	core	
		Removable prosthodontics (II)	PRS 202	2	1	2	core	
		Applied dental materials (1)	ADM 301	2	1	2	core	
		Infection control/CPR	INC 212	2	1	2	core	
Cariology		CAR 212	1	1	----	core		
Dental public health		DPH 212	2	2	----	core		
Scientific thinking		ST 207	1	1	----	UR		
Elective course		1	1	----	UR			
<b>Total credit</b>					<b>11</b>	<b>5</b>	<b>16</b>	

Level	Semester	Course Name	Course Code	Credit hours	Contact Hours		Course type
					Didactic	Practical	
	301	Fixed prosthodontics (I)	FPR 301	3	1	4	core
		Conservative dentistry (III)	CDT 301	2	1	2	core
		Removable prosthodontics (III)	PRS 301	2	1	2	core
		Oral pathology (I)	OPA 301	4	3	2	core
		Oral diagnosis & orofacial pain (I)	ODG 301	3	2	2	core
		Applied dental materials (II)	ADM 302	2	1	2	core
		General medicine	GMD 211	3	2	2	core

Three	302	Oral& maxillofacial radiology (I)	RDG 301	2	1	2	core	
		<b>Total credit</b>			<b>12</b>	<b>9</b>	<b>21</b>	
		Fixed prosthodontics (II)	FPR 302	3	1	4	core	
		Conservative dentistry (IV)	CDT 302	2	1	2	core	
		Removable prosthodontics (IV)	PRS 302	2	1	2	core	
		Oral pathology (II)	OPA 302	4	3	2	core	
		Oral diagnosis & orofacial pain (II)	ODG 302	3	2	2	core	
		General surgery	GSG 212	3	2	2	core	
		Dental anesthesia	DAN 312	2	1	2	core	
<b>Total credit</b>			<b>11</b>	<b>8</b>	<b>19</b>			
Four	401	Fixed prosthodontics (III)	FPR 401	2	1	3	core	
		Conservative dentistry (V)	CDT 401	2	1	3	core	
		Removable prosthodontics (V)	PRS 401	2	1	3	core	
		Orthodontics (I)	ORT 501	2	1	2	core	
		Endodontics (I)	END 401	2	1	2	core	
		Oral medicine& periodontology(I)	OMP 401	4	3	2	core	
		Oral& maxillofacial surgery (I)	OMS 401	3	2	2	core	
		Oral& maxillofacial radiology (II)	RDG 401	3	2	2	core	
	<b>Total credit</b>			<b>12</b>	<b>8</b>	<b>20</b>		
	402	Fixed prosthodontics (IV)	FPR 402	2	1	3	core	
		Conservative dentistry (VI)	CDC 402	2	1	3	core	
		Removable prosthodontics (VI)	PRS 402	2	1	2	core	
		Orthodontics (II)	ORT 502	2	1	2	core	
		Endodontics (II)	END 402	3	2	3	core	
		Oral medicine& periodontology(II)	OMP 402	4	3	2	core	
Oral& maxillofacial surgery (II)		OMS 402	3	2	2	core		
Occlusion (II)	OCC 412	1	1	----	core			
<b>Total credit</b>			<b>12</b>	<b>7</b>	<b>19</b>			
Level	Semester	Course Name	Course Code	Credit hours	Contact Hours		Course type	
Five	501	Pediatric dentistry (I)	PED 501	2	1	2	core	
		Fixed prosthodontics (V)	FPR 501	3	2	2	core	
		Conservative dentistry (VII)	CDT 501	3	2	2	core	
		Removable prosthodontics (VII)	PRS 501	3	2	2	core	
		Endodontic (III)	END 501	2	1	2	core	
		Oral medicine& periodontology(III)	OMP 501	3	2	2	core	
		Oral& maxillofacial surgery (III)	OMS 501	3	2	2	core	
		Implantology	IMP 511	1	1	----	core	
	<b>Total credit</b>			<b>13</b>	<b>7</b>	<b>20</b>		
	502	Pediatric dentistry (II)	PED 502	3	2	2	core	
		Fixed prosthodontics (VI)	FPR 502	3	2	2	core	
		Conservative dentistry (VIII)	CDC 502	3	2	2	core	
		Removable prosthodontics (VIII)	PRS 502	3	2	2	core	
		Endodontic (IV)	END 502	2	1	2	core	
		Oral medicine& periodontology(IV)	OMP 502	3	2	2	core	
Oral& maxillofacial surgery (IV)		OMS 502	3	2	2	core		
Esthetic dentistry	EST 512	1	1	-----	core			
<b>Total credit</b>			<b>14</b>	<b>7</b>	<b>21</b>			



## **IX. Internship**

This course is composed of actual practice as a dentist inside and outside clinics of Faculty of Oral and Dental medicine, Egyptian Russian University. Student must attend at least 3 months training in Faculty of Oral and Dental medicine, Egyptian Russian University clinics under precise supervision system to acquire not only the professional skills but also the professional ethics.

## **X. Program enrollment requirements:**

### **Admission requirements:**

- Enrollment in this program is permitted for Egyptian and expatriate students with a high school diploma General or equivalent; science division or transferred students from other colleges according to the conditions and standards and rules set by the Council of Private Universities and the Supreme Council of Universities.
- Students must submit all required and announced documents to the Department of Education and Student Affairs. As well as filling out the forms for that.
- Students must pass the medical examination successfully according to the rules decided by the College Board.
- Permanently dismissed students from another public or private university are not eligible to be enrolled in the program.
- Transfer students enrolled in one of the faculties of dentistry in Egyptian public universities or private universities, or one of the recognized foreign universities are eligible to join the program, provided that the student studies at Faculty of Oral and Dental Medicine - Egyptian Russian University at least (6) six semesters, after a clearing and review the scientific content of the materials that have been studied.

## **XI. Regulation for program completion:**

### **Graduation requirements:**

- Students must complete the required credit hours (total 191 hours) to be awarded the bachelor's degree.
- These required credit hours must be completed within the period of five years full- time program divided into five academic levels comprising 10 semesters (two main semesters/ year and additional summer semester). Students, who spend more than 5 years in the faculty and fulfilled all requirements, can graduate at any semester.
- Students must attend at least 75% of practical/ clinical sessions. Students who fail to meet this minimal percentage of attendance may be prevented from attending exam in this specific course based on department council recommendation and decision of the dean. The grade

awarded for this course is “failed” unless student presents an excuse for absence that is accepted by the dean in this case, the student is considered absent with acceptable cause.

- Student to pass a course, the total grades should be (60%) or above the percent for passing provided that at least 30% of the grades for the final written exam is achieved.
- Students who get less than 30% of the grade for the final written exam, no grades are recorded in that course, and he/ she is considered “failed” that course with a grade “F”.
- CGPA of transferred student is counted for courses studied in Faculty of Oral and Dental Medicine, Egyptian Russian University.
- Students must complete successfully 191 credit hours specified as follows:
  - University compulsory ----- 8 hours.
  - University electives ----- 2 hours.
  - Basic science ----- 60 hours
  - Dental & medical ----- 121 hours.
- Students must earn a CGPA of not less than 2.0 upon graduation.

## **XII. Course form/Assessment methods:**

Course form	Total grades	Assessment methods				
		Course work	Practical	Midterm exam	Oral	Final written exam
Didactic only	100	20	----	20	----	60
Didactic / Oral	100	20	----	20	10	50
Didactic / Oral/ practical	100	10	25	15	10	40

## **XIII. Teaching and learning methods:**

- 1. Interactive lecture**
- 2. Demonstrations**
- 3. Practical training**
- 4. Clinical training**
- 5. Case- oriented study**
- 6. Simulation**
- 7. Presentation, Research and reports**

### Assessment methods:

1. Quizzes
2. Written exams
3. Practical/ Clinical exams
4. Oral exams
5. Presentations
6. Practical / clinical requirements

### Grading system:

The council of private universities approved this grading system on 3/5/2012.

	Percentage	Points	GPA	Appreciation
Faculty requirements	90% - > 90%	4.0	A	Excellent
	85% - < 90%	3.7	A <sup>-</sup>	
	80% - < 85 %	3.3	B <sup>+</sup>	Very good
	75% - < 80%	3.0	B	
	70% - < 75%	2.7	B <sup>-</sup>	Good
	65% - < 70%	2.3	C <sup>+</sup>	
	60% - < 65%	2.0	C	
University requirements	56 % - < 60%	1.7	C <sup>-</sup>	Fair
	53% - < 56%	1.3	D <sup>+</sup>	
	50% - < 53%	1	D	
	< 50%	0.0	F	fail

### Program evaluation methods.

Evaluator	Tool	Evaluation time
Senior students	Questionnaire	Annual
Alumni	Questionnaire	Annual
Staff members	Brainstorming and questionnaire	
Community partners	Questionnaire	
External evaluator	Evaluation report	Annual
Internal evaluation	report	Annual

### Program Coordinator

Prof. Dr. Ahmed Samir



# Appendices

**APPENDIX (1)**

**A) Matrix of attributes of the graduates of dental medicine (NARS) and program aims:**

Attributes of Graduates for Dental Medicine in NARS										Program Aims
1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	
√			√							i. Provide distinguished dentists able to practice general dentistry with a high degree of clinical and practical skills and maintain patient records in complete and accurate forms.
		√								ii. Improve analytical thinking capacity and problem-solving attitudes of dental students through the use of modern teaching strategies and assessment methods.
						√			√	iii. Promote opportunities for continuous education, training and ongoing dental technology.
	√		√				√			iv. Communicate effectively with their patients and dental team members and recognize dental ethics and medico-legal aspects of dental professionals.
√								√		v. Prepare a competent dentist able to fulfill both therapeutic and preventive needs of patients and consider limitations of clinical abilities and the need for proper referral.
					√					vi. Maintain safe infection-controlled environment.
				√						vii. Respond to socio-economic aspects of different communities and engage effectively in community services.

## Appendix (2)

### B) Matrix of NARS ILO's and program ILO's:

(NARS) ILO's	Program ILO's														
<b>2. Knowledge and understanding</b>	a- Knowledge and understanding														
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
2.1.The interrelationship between different systems of the human body.	√														
2.2.The principles of pathogenic mechanisms and manifestations of human diseases which are of dental significance.		√											√		
2.3.Basis and significance of oral health promotion, nutritional education, and prevention of oral diseases in population-based approaches.			√							√					
2.4.Prevention and management of medical emergencies.					√										
2.5.Maintenance of infection control and a safe working environment.						√									
2.6.Basis of practice management.				√							√	√		√	√
2.7.Principles of evidence-based dentistry and its relation to scientific research.							√								
2.8.Ethical and medico-legal aspects relevant to the practice of dentistry and research.								√							
2.9.Social and psychological issues relevant to dental care with emphasis on behavioral management.									√		√				

(NARS) ILO's	Program ILO's															
<b>3. Practical and clinical skills</b>	C-Professional and practical skills															
	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
3.1. Establish a comprehensive patient's history, perform clinical examinations, request and evaluate appropriate investigations.	v															
3.2. Review the body systems and consult with other health care professionals, when required.		v														
3.3 Detect abnormal and pathological conditions, as well as etiological and/or risk factors that may contribute to disease processes.				v										v		
3.4. Perform a range of clinical procedures which are within the scope of general dentistry, including:																
3.4.1. Applications of preventive procedures.					v											
3.4.2. Application of different local anesthetic techniques.							v									
3.4.3. Extraction of teeth and removal of roots when necessary.								v								
3.4.4. Diagnosis of commonly encountered oral lesions.				v												



	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
3.4.5. Performance of the necessary radiographs.												√				
3.4.6. Performance of non-surgical periodontal treatment and monitor treatment outcomes.					√								√			
3.4.7. Restoration of carious and non-carious tooth defects with emphasis on basic concepts of esthetics.						√										
3.4.8. Basic endodontic procedures.						√										
3.4.9. Rehabilitation of partially and completely edentulous patients.			√					√								
3.4.10. Diagnosis and prevention of developing malocclusions.																√
3.4.11. Basic endodontic treatment.						√										
3.5. Apply current infection control guidelines.									√							

3.6. Control different levels of patient's anxiety and apprehension in different age groups.											v						
3.7. Manage dental and medical emergencies which may occur in dental practice and perform basic life support measures.												v					
3.8. Prescribe and monitor the effects of appropriate pharmaceutical agents taking into consideration drug and patient factors.																	v

(NARS) ILO's	Program ILO's											
4. Intellectual skills	B-Intellectual skills											
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
4.1. Integrate basic biomedical, behavioral, and dental sciences with signs, symptoms, and physical findings of the disease.	v		v								v	
4.2. Differentiate between normal and abnormal features that are particularly relevant to dental practice.	v	v										
4.3. Identify, prioritize, and generate a list of potential patient's clinical problems.			v									
4.4. Analyze, interpret, and integrate collected diagnostic data to solve clinical problems based on current evidence.		v				v			v			v
4.5. Design appropriate treatment plans for different dental problems.					v			v		v		

4.6. Assess and evaluate the effects of medications taken by the patient on dental management.					√								
4.7 -Reason deductively in clinical problem solving.									√				

(NARS) ILO's	Program ILO's								
5. General and transferable skills	D-General and transferable skills								
	D1	D2	D3	D4	D5	D6	D7	D8	D9
5.1. Work in collaboration as a member of an interdisciplinary team.		√							
5.2. Communicate effectively in multicultural work environment using verbal and non -verbal means.	√								
5.3. Recognize and effectively utilize all sources for continuing professional development and life-long learning.				√					
5.4. Adopt a creative attitude in an ethical and scientific approach.						√			
5.5. Self-evaluate professional abilities, performance, and progress.					√				
5.6. Recognize professional responsibility towards the surrounding community.									√
5.7. Use information technologies to enrich and diversify professional experience.			√						
5.8. Recognize the basic concepts of quality assurance and practice management.							√		
5.9. Prioritize workload and manage personal stress in the framework of proper performance and management.								√	





### Third year

level	course	knowledge & understanding															intellectual skills												Professional & practical skills												General & Transferrable skills											
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	D1	D2	D3	D4	D5	D6	D7	D8
Level 3	Fixed prosthodontics (I)			X																			X	X	X																					X						
	Fixed prosthodontics (II)			X																				X	X																								X			
	Conservative dentistry (III)		X							X														X						X	X											X										
	Conservative dentistry (IV)		X																					X						X	X																	X				
	Removable prosthodontics (III)																							X													X													X		
	Removable prosthodontics (IV)																							X														X														
	Oral pathology (I)	X	X									X	X					X						X					X																		X					
	Oral pathology (II)	X	X									X	X					X						X														X														
	Oral diagnosis & orofacial pain (I)	X										X						X	X										X		X																					
	Oral diagnosis & orofacial pain (II)	X										X						X		X									X		X																			X		
	Applied dental materials (II)																									X																										
	General medicine	X	X									X	X					X								X			X	X	X							X									X					
	Oral & maxillofacial radiology (I)											X																	X			X																		X		
	General surgery	X	X			X						X						X		X							X		X	X									X													
Dental anesthesia			X	X							X	X					X		X						X			X	X						X												X					

**Fourth year**

level	course	knowledge& understanding															intellectual skills												Professional & practical skills												General & Transferrable skills															
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	D1	D2	D3	D4	D5	D6	D7	D8	D9			
Level 4	Fixed prosthodontics (III)				X				X	X										X										X	X													X												
	Fixed prosthodontics (IV)								X	X											X									X																										
	Conservative dentistry (V)						X				X										X								X	X	X	X	X	X	X									X												
	Conservative dentistry (VI)										X										X									X	X	X	X	X	X										X											
	Removable prosthodontics (V)									X	X										X									X				X	X							X	X													
	Removable prosthodontics (VI)								X	X											X								X				X	X							X	X														
	Orthodontics (I)																										X	X	X	X												X	X													
	Orthodontics (II)																										X	X	X	X												X	X	X												
	Endodontics (I)	X																				X	X							X												X														
	Endodontics (II)	X																				X	X							X													X													
	Oral medicine& periodontology(I)	X										X				X				X									X	X														X												
	Oral medicine& periodontology(II)	X										X				X				X									X	X																X										
	Oral& maxillofacial surgery (I)							X				X																		X	X																									
	Oral& maxillofacial surgery (II)																													X	X																									
Oral& maxillofacial radiology (I)							X				X	X			X	X												X	X	X																X										
Oral& maxillofacial radiology (II)											X	X			X	X												X	X	X																X										
Occlusion (II)											X																	X																				X								



## Fifth year

level	course	knowledge & understanding														intellectual skills												Professional & practical skills												General & Transferrable skills											
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	D1	D2	D3	D4	D5	D6	D7
Level 5	Pediatric dentistry (I)								X							X	X												X	X	X									X		X	X								
	Pediatric dentistry (II)			X												X			X										X	X		X	X				X	X	X					X				X			
	Fixed prosthodontics (V)																			X								X	X	X	X			X				X	X	X		X	X								
	Fixed prosthodontics (VI)																		X									X	X	X	X			X				X	X								X				
	Conservative dentistry (VII)																	X										X	X											X											
	Conservative dentistry (VIII)																X			X								X	X									X	X												
	Removable prosthodontics (VII)																X	X		X								X	X	X			X	X				X		X	X				X	X					
	Removable prosthodontics (VIII)							X									X		X		X							X	X	X			X	X					X			X	X			X	X				
	Endodontic (III)				X											X					X							X	X	X	X		X	X	X	X		X	X					X	X			X			
	Endodontic (VI)						X									X					X						X	X	X	X		X	X	X			X	X							X				X		
	Oral medicine & periodontology (III)					X														X	X			X	X			X	X	X		X	X	X			X								X	X					
	Oral medicine & periodontology (IV)																		X	X							X	X	X	X																X					
	Oral & maxillofacial surgery (III)																										X	X	X	X		X					X	X	X							X	X				
	Oral & maxillofacial surgery (IV)																										X	X	X	X		X															X				
Implantology			X															X								X	X	X	X			X	X	X			X	X	X												
Esthetic dentistry						X	X			X																																	X	X		X	X	X			



## Appendix (4)

### D. Matrix of program ILO's & teaching and learning methods.

Program ILOs	Interactive lecture	Demonstration	Practical training	Clinical training	Case-oriented study	Simulation	Presentations, Research and Reports
<b>Knowledge and understanding</b>							
A1	✓						✓
A2	✓						✓
A3	✓						✓
A4	✓						
A5	✓						
A6	✓						✓
A7	✓						
A8	✓						
A9	✓						✓
A10	✓						✓
A11	✓						
A12	✓				✓		✓

A13	✓						
A14	✓				✓		✓
A15	✓						
<b>Intellectual skills</b>							
B1	✓				✓		✓
B2	✓						
B3	✓						
B4	✓				✓		✓
B5	✓				✓		
B6	✓				✓		✓
B7	✓				✓		
B8	✓				✓		
B9	✓						✓
B10	✓						
B11	✓						
B12	✓				✓		✓
<b>Professional and practical Skills</b>							
C1		✓	✓	✓			✓
C2		✓	✓				
C3					✓		
C4		✓	✓	✓	✓	✓	✓
C5		✓	✓	✓			✓
C6		✓	✓	✓	✓	✓	

C7			✓		✓		
C8		✓		✓	✓	✓	
C9			✓				✓
C10							
C11							
C12		✓	✓		✓		✓
C13							
C14		✓	✓	✓	✓		✓
C15		✓	✓	✓	✓		
C16			✓	✓	✓	✓	✓
<b>General and transferable skill</b>							
D1	✓				✓		✓
D2				✓	✓		
D3							✓
D4	✓					✓	✓
D5	✓		✓	✓		✓	✓
D6	✓						✓
D7	✓		✓	✓	✓	✓	
D8	✓			✓	✓	✓	✓
D9				✓	✓	✓	

## Appendix (5)

### E. Matrix of program ILOs & Assessment methods.

Program ILOs	Quizzes	Written exams	Practical /Clinical exams	Oral exams	Presentations, research or reports	Practical / clinical requirements
<b>Knowledge and understanding</b>						
A1	✓	✓		✓	✓	
A2	✓	✓		✓	✓	
A3	✓	✓		✓	✓	
A4	✓	✓		✓		
A5	✓	✓		✓	✓	
A6	✓	✓		✓	✓	
A7		✓				
A8		✓		✓		
A9		✓				
A10		✓			✓	
A11		✓				
A12		✓			✓	

A13	✓	✓		✓		
A14	✓	✓		✓	✓	
A15	✓	✓		✓		
<b>Intellectual skills</b>						
B1	✓	✓	✓	✓		✓
B2		✓	✓			✓
B3	✓	✓		✓		
B4	✓	✓		✓	✓	
B5	✓	✓		✓	✓	
B6	✓	✓		✓	✓	✓
B7	✓	✓	✓	✓		✓
B8		✓		✓	✓	
B9		✓			✓	
B10	✓	✓	✓	✓		✓
B11		✓			✓	
B12	✓	✓		✓	✓	✓
<b>Professional and practical Skills</b>						
C1			✓			✓
C2			✓	✓		✓
C3				✓		
C4			✓	✓		✓

C5			✓			✓
C6			✓			✓
C7			✓			✓
C8			✓			✓
C9			✓			✓
C10			✓			✓
C11			✓			✓
C12			✓			✓
C13			✓			✓
C14			✓			✓
C15			✓			✓
C16			✓			✓
<b>General and transferable skill</b>						
D1				✓	✓	
D2			✓			✓
D3					✓	
D4					✓	
D5			✓		✓	✓
D6			✓		✓	✓
D7			✓			✓
D8			✓			✓
D9			✓			✓



## Appendix (6)

### f) Matrix of program courses & teaching and learning methods.

Courses	Interactive lecture	Demonstrations	Practical training	Clinical training	Case-oriented study	Simulation	Presentations, Research and Reports
ANA 101	✓	✓	✓		✓		✓
PHY 101	✓	✓	✓		✓		✓
DAP 101	✓	✓	✓				✓
GHT 111	✓		✓				✓
BIO 111	✓				✓		
RL 106	✓						✓
EL 107	✓						
ANA 102	✓	✓	✓		✓		✓
PHY 102	✓	✓	✓		✓		✓
DAP 102	✓	✓	✓				✓
GPA 112	✓	✓	✓				✓
MBI 112	✓	✓	✓				
PHC 112	✓	✓					✓
RL 116	✓						✓
EL 117	✓						

	Interactive lecture	Demonstrations	Practical training	Clinical training	Case-study	Simulation	Research and small projects
OHE 201	✓	✓	✓				✓
CDT 201	✓	✓	✓				
PRS 201	✓	✓	✓			✓	
PHA 211	✓	✓	✓		✓		✓
BSC 211	✓						✓
BDM 212	✓						
OCC 211	✓						✓
ELD 208(ELECT)	✓						✓
OHE 202	✓	✓	✓				✓
CDT 202	✓	✓	✓				
PRS 202	✓	✓	✓			✓	
ADM 301	✓	✓					
INC 212	✓	✓	✓				✓
CAR 212	✓				✓	✓	
DPH 212	✓				✓		
ST 207	✓						✓
ELG 208(ELECT)	✓						✓
	Interactive lecture	Demonstrations	Practical training	Clinical training	Case-study	Simulation	Research and small projects
FPR 301	✓	✓	✓			✓	
CDT 301	✓	✓	✓				
PRS 301	✓	✓	✓			✓	
OPA 301	✓		✓				✓
ODG 301	✓	✓	✓	✓	✓		✓
ADM 302	✓	✓					
GMD 211	✓				✓		✓
RDG 301	✓	✓	✓	✓		✓	

FRP 302	✓	✓	✓			✓	
CDT 302	✓	✓	✓				
PRS 302	✓	✓	✓			✓	
OPA 302	✓		✓				✓
ODG 302	✓	✓	✓	✓	✓		✓
GSG 212	✓	✓		✓	✓		
DAN 312	✓	✓		✓			
	<b>Interactive lecture</b>	<b>Demonstrations</b>	<b>Practical training</b>	<b>Clinical training</b>	<b>Case-study</b>	<b>Simulation</b>	<b>Research and small projects</b>
FPR 401	✓	✓	✓	✓			
CDC 401	✓	✓		✓	✓		✓
PRS 401	✓	✓		✓	✓	✓	
ORT 501	✓	✓	✓		✓		
END 401	✓	✓	✓			✓	
OMP 401	✓	✓	✓	✓	✓		✓
OMS 401	✓	✓		✓			
RDG 401	✓	✓	✓		✓		
FPR 402	✓	✓	✓	✓			
CDC 402	✓	✓		✓	✓	✓	✓
PRS 402	✓	✓		✓	✓	✓	
ORT 502	✓	✓	✓		✓		
END 402	✓	✓	✓		✓	✓	✓
OMP 402	✓	✓	✓	✓	✓		✓
OMS 402	✓	✓		✓			
OCC 412	✓						

	Interactive lecture	Demonstrations	Practical training	Clinical training	Case-oriented study	Simulation	Research and small projects
PED 501	✓	✓	✓		✓		
FPR 501	✓	✓	✓	✓	✓		✓
CDC 501	✓	✓		✓	✓		✓
PRS 501	✓	✓		✓	✓	✓	
END 501	✓	✓	✓	✓	✓		
OMP 501	✓	✓	✓	✓	✓		✓
OMS 501	✓	✓		✓			
IMP 511	✓						✓
PED 502	✓	✓	✓		✓		
FPR 502	✓	✓	✓	✓	✓		✓
CDC 502	✓	✓		✓	✓	✓	✓
PRS 502	✓	✓		✓	✓	✓	
END 502	✓	✓		✓	✓		
OMP 502	✓	✓	✓	✓	✓		✓
OMS 502	✓	✓		✓			
EST 512	✓				✓	✓	✓

## Appendix (7)

### g) Matrix of program courses & Assessment methods.

Courses	Evaluation Methods					
	Quizzes	Written exams	Practical / Clinical exams	Oral exams	Presentations, research or reports	Practical / clinical requirements
ANA 101	✓	✓	✓	✓	✓	
PHY 101	✓	✓	✓	✓	✓	
DAP 101	✓	✓	✓	✓	✓	✓
GHT 111	✓	✓	✓	✓	✓	
BIO 111	✓	✓	✓	✓		
RL 106	✓	✓				
EL 107	✓	✓			✓	
ANA 102	✓	✓	✓	✓	✓	
PHY 102	✓	✓	✓	✓	✓	
DAP 102	✓	✓	✓	✓	✓	✓
GPA 112	✓	✓	✓	✓	✓	
MBI 112	✓	✓	✓	✓		
PHC 112	✓	✓	✓		✓	
RL 116	✓	✓				
EL 117	✓	✓			✓	
	Quizzes	Written exams	Practical / Clinical exams	Oral exams	Presentations, research or reports	Practical / clinical requirements

OHE 201	✓	✓	✓	✓	✓	✓
CDT 201	✓	✓	✓	✓		✓
PRS 201	✓	✓	✓	✓		✓
PHA 211	✓	✓	✓	✓	✓	
BSC 211	✓	✓	✓	✓	✓	
BDM 212	✓	✓		✓		
OCC 211	✓	✓		✓		
ELD208(ELECT)	✓	✓			✓	
OHE 202	✓	✓	✓	✓	✓	✓
CDT 202	✓	✓	✓	✓		✓
PRS 202	✓	✓	✓	✓		✓
ADM 301	✓	✓		✓		
INC 212	✓	✓	✓	✓	✓	
CAR 212						
DPH 212	✓	✓		✓	✓	
ST 207	✓	✓			✓	
ELG208(ELECT)	✓	✓			✓	
	<b>Quizzes</b>	<b>Written exams</b>	<b>Practical / Clinical exams</b>	<b>Oral exams</b>	<b>Presentations, research or reports</b>	<b>Practical / clinical requirements</b>
FPR 301	✓	✓	✓	✓		✓
CDT 301	✓	✓	✓	✓		✓
PRS 301	✓	✓	✓	✓		✓
OPA 301	✓	✓	✓		✓	
ODG 301	✓	✓	✓	✓	✓	✓
ADM 302	✓	✓		✓		
GMD 211	✓	✓	✓	✓	✓	
RDG 301	✓	✓	✓			✓
FRP 302	✓	✓	✓	✓		✓
CDT 302	✓	✓	✓	✓		✓

PRS 302	✓	✓	✓	✓		✓
OPA 302	✓	✓	✓		✓	
ODG 302	✓	✓	✓	✓	✓	✓
GSG 212	✓	✓	✓	✓		
DAN 312	✓	✓		✓		
	<b>Quizzes</b>	<b>Written exams</b>	<b>Practical / Clinical exams</b>	<b>Oral exams</b>	<b>Presentations, research or reports</b>	<b>Practical / clinical requirements</b>
FPR 401	✓	✓	✓	✓		✓
CDC 401	✓	✓	✓	✓	✓	✓
PRS 401	✓	✓	✓	✓		✓
ORT 501	✓	✓	✓			
END 401	✓	✓	✓	✓		✓
OMP 401	✓	✓	✓	✓	✓	✓
OMS 401	✓	✓	✓	✓		✓
RDG 401	✓	✓	✓			✓
FPR 402	✓	✓	✓	✓		
CDC 402	✓	✓	✓	✓	✓	✓
PRS 402	✓	✓	✓	✓		✓
ORT 502	✓	✓	✓			
END 402	✓	✓	✓	✓		✓
OMP 402	✓	✓	✓	✓	✓	✓
OMS 402	✓	✓	✓	✓		✓
OCC 412	✓	✓				
	<b>Quizzes</b>	<b>Written exams</b>	<b>Practical / Clinical exams</b>	<b>Oral exams</b>	<b>Presentations, research or reports</b>	<b>Practical / clinical requirements</b>
PED 501	✓	✓	✓	✓		
FPR 501	✓	✓	✓	✓		✓

CDC 501	✓	✓	✓	✓	✓	✓
PRS 501	✓	✓	✓	✓		✓
END 501	✓	✓	✓	✓		✓
OMP 501	✓	✓	✓	✓	✓	✓
OMS 501	✓	✓	✓	✓		✓
IMP 511	✓	✓		✓		
PED 502	✓	✓	✓	✓		✓
FPR 502	✓	✓	✓	✓		✓
CDC 502	✓	✓	✓	✓	✓	✓
PRS 502	✓	✓	✓	✓		✓
END 502	✓	✓	✓	✓		✓
OMP 502	✓	✓	✓	✓	✓	✓
OMS 502	✓	✓	✓	✓		✓
EST 512	✓	✓		✓	✓	



## Appendix (8)

مصفوفة مواصفات الخريج الخاصة بالمعايير الأكاديمية مع مخرجات التعلم الخاصة بالبرنامج.

### Attributes of graduate X ILO's in the program

NARS 2009 Attribute of graduate		Program ILO's														
		A. Knowledge and understanding														
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
1.1	Deliver independently oral health care services within the scope of general dentistry		X	X												
1.2	Provide ethical professional practice including compassion, empathy, integrity, responsibility and tolerance.								X							



1.7	Realize the importance of lifelong learning and strive for continuous professional education															
1.8	Recognize the various features of medico-legal aspects of the dental profession.							X								
1.9	Recognize the limitation of their current knowledge and clinical abilities and realize the need for proper referral.															
1.10	Evaluate and respond to ongoing dental technology.						X									

NARS 2009 Attribute of graduate		Program ILO's B.Intellectual Skills											
		B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
1.1	Deliver independently oral health care services within the scope of general dentistry								X	X			
1.2	Provide ethical professional practice including compassion, empathy, integrity, responsibility and tolerance.			X									
1.3	Provide comprehensive practice management encompassing patient assessments, and maintain	X		X									

	patient's records in complete and accurate forms.												
1.4	Communicate effectively to develop a mature, sensitive and caring relationship with their patients.			X									
1.5	Respond to socio-economic aspects of different communities and engage effectively in community services.												
1.6	Maintain a safe and infection controlled environment												
1.7	Realize the importance of lifelong learning and strive for continuous professional education.												
1.8	Recognize the various features of medico-legal aspects of the dental profession.												
1.9	Recognize the limitation of their current knowledge and	X											

	clinical abilities and realize the need for proper referral.															
1.10	Evaluate and respond to ongoing dental technology.															X

NARS 2009 Attribute of graduate		Program ILO's C. Professional and practical skills															
		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
1.1	Deliver independently oral health care services within the scope of general dentistry			X		X	X	X	X					X			X
1.2	Provide ethical professional practice including compassion, empathy, integrity, responsibility and tolerance.										X						
1.3	Provide comprehensive practice management																

	encompassing patient assessments, and maintain patient's records in complete and accurate forms.																	
1.4	Communicate effectively to develop a mature, sensitive and caring relationship with their patients.									X								
1.5	Respond to socio-economic aspects of different communities and engage effectively in community services.																	
1.6	Maintain a safe and infection-controlled environment									X		X						
1.7	Realize the importance of lifelong learning and strive for continuous professional education																	
1.8	Recognize the various features of medico-legal aspects of the dental profession.																	

1.9	Recognize the limitation of their current knowledge and clinical abilities and realize the need for proper referral.																		
1.10	Evaluate and respond to ongoing dental technology.																		X

NARS 2009 Attribute of graduate		Program ILO's D.General and transferable skills																	
		D1	D2	D3	D4	D5	D6	D7	D8	D9									
1.1	Deliver independently oral health care services within the scope of general dentistry																		
1.2	Provide ethical professional practice including compassion,								X										



	empathy, integrity, responsibility and tolerance.									
1.3	Provide comprehensive practice management encompassing patient assessments and maintain patient's records in complete and accurate forms.									X
1.4	Communicate effectively to develop a mature, sensitive and caring relationship with their patients.	X								
1.5	Respond to socio-economic aspects of different communities and engage effectively in community services.									
1.6	Maintain a safe and infection-controlled environment							X		
1.7	Realize the importance of lifelong learning and strive for continuous professional education				X	X				



1.8	Recognize the various features of medico-legal aspects of the dental profession.							X		
1.9	Recognize the limitation of their current knowledge and clinical abilities and realize the need for proper referral.		X			X				
1.10	Evaluate and respond to ongoing dental technology.			X						

**Appendix (9)**  
**مصفوفة توافق مواصفات الخريج الخاصة بالمعايير الأكاديمية (NARS 2009) مع رسالة الكلية**  
**(Attributes of graduate X faculty mission )**

	Faculty mission		
<b>Attributes of the Graduates</b> NARS 2009	prepare unique graduates through providing an advanced educational program	providing an advanced educational program and conducting scientific research,	conducting scientific research, which in turn serves community and promotes environmental development within an ethical framework.
1.1. Deliver independently oral health care services within the scope of general dentistry	√		
1.2. Provide ethical professional practice including compassion, empathy, integrity, responsibility and tolerance.			√

1.3. Provide comprehensive practice management encompassing patient assessments, and maintain patient's records in complete and accurate forms.	√		
1.4. Communicate effectively to develop a mature, sensitive and caring relationship with their patients.			√
1.5. Respond to socio-economic aspects of different communities and engage effectively in community services.			√
1.6. Maintain a safe and infection-controlled environment.			√
1.7. Realize the importance of lifelong learning and strive for continuous professional education.		√	
1.8. Recognize the various features of medico-legal aspects of the dental profession.			√
1.9. Recognize the limitation of their current knowledge and clinical abilities and realize the need for proper referral.		√	
1.10. Evaluate and respond to ongoing dental technology.		√	

**Appendix (10)**  
مصفوفة توافق أهداف البرنامج مع رسالة الكلية  
(Program aims X Faculty mission )

Program aims	Faculty mission		
	prepare unique graduates through providing an advanced educational program	providing an advanced educational program and conducting scientific research,	conducting scientific research, which in turn serves community and promotes environmental development within an ethical framework.
i. Provide distinguished dentists able to practice general dentistry with a high degree of clinical and practical skills and maintain patient records in complete and accurate forms.	√		
ii. Improve analytical thinking capacity and problem-solving attitudes of dental students through the use of modern teaching strategies and assessment methods.		√	
iii. Promote opportunities for continuous education, training and ongoing dental technology.		√	

iv. Communicate effectively with their patients and dental team members and recognize dental ethics and medico-legal aspects of dental professionals.			√
v. Prepare a competent dentist able to fulfill both therapeutic and preventive needs of patients and consider limitations of clinical abilities and the need for proper referral	√		
vi. Maintain safe infection-controlled environment.			√
vii. Respond to socio-economic aspects of different communities and engage effectively in community services.			√