University: Pharos University in Alexandria
Faculty: Faculty of Dentistry

Program Specification

A. Basic Information:

1- Program Title: master degree in prosthodontics and dental implantology (ماجستير في استعاضة و زراعة الاسنان)

2- Program Type: Single ☐ **Double** ☐ **Multiple** ☑

3- Department (s) responsible for the Program:
There are several departments participating the program includes:

1. Oral Biology
2. Oral Pathology
3. Oral Diagnosis & Radiology, Oral Medicine, & Periodontology
4. Pediatric & Community Dentistry
5. Oral & Maxillofacial Surgery
6. Restorative Dentistry & Dental Biomaterials
7. Prosthetic Dentistry (Fixed & Removable Prosthodontics)
8. Orthodontics
9. Oral diagnosis & Radiology

- **Program coordinator Prof / *Lwahez ElSayed***

4. Date of program specifications approval: July 2014

B- Professional Information:

1. Program General Aims:

1.1. Develop the diagnostic and treatment planning skills necessary for successful Prosthodontics treatment.
1.2. Provide advanced didactic instruction in all phases of Prosthodontics.
1.3. Provide advanced clinical instruction in all phases of Prosthodontics so that a graduating candidate will have the clinical skills necessary to successfully practice Prosthodontics as a specialty.
1.4. Provide encouragement and the professional skills.
1.5. Develop life-long learning skills.

1.6. Foster an interest on the part of our residents in community health care, community service and dental education.

1.7. Create an atmosphere that supports the development of a research protocol, completion of an associated project, interpretation of the results, preparation of a thesis and the ability to mount a successful defense, all leading to the awarding of an M.Sc. degree at the end of the program.

2- Intended Learning Outcomes of Program (ILOs):

2.1. Knowledge and Understanding:

Upon completion of the program, the graduate must be able to:

A.1. Describe the anatomy of Head and neck.

A..2. Describe the masticatory system and its function, as well as, etiology of occlusal disorders and their management techniques.

A.3. Identify maxillofacial congenital defects and describe their management protocols from a restorative prospect.

A.4. Recognize the basic jaw relations and the biomechanics of edentulous state.

A.5. Apply basic principles of tooth preparation and retention for Fixed restorations.

A.6. Demonstrate biomechanical principles of removabel partial and complete denture designs and implants.

A.7. Apply principles of pre-prosthetic implant emplacement procedures.

A.8. Demonstrate surgical placement protocols for different types of dental implants.

A.9. Recognize the indications, contraindications, advantages, disadvantages, for each type of prosthetic restoration.

A.10. Discuss the preclinical, clinical and laboratory sequential steps for preparing successful single/multiple fixed restorations, removable partial/complete denture, implant supported restorations, extra-oral restorations.

A.11. Discuss variable types of impression materials and impression procedures for different restorations.

A.12. Classify types of intra oral and extra oral implants.

A.13. Recognize the physical and mechanical properties of different restorative materials and implants.

A.14. Recognize the modern development and new trends in prosthetic restorations and implantology.

A15. Understand the principles of scientific research and evaluation of evidence that are necessary for evidence based approach.

A16. Recognize the basics of research methodology and biostatistical analysis.

A.17. Recognize the exposure techniques at the dental clinic, cycle of infection and blood-borne infections that could be transmitted.

A.18. Discuss policies and procedures of controlling transmission of infection in the dental settings.

A.19. Discuss basics of managing patients with acquired or congenital defects.

A.20. Identify the oral health needs of geriatrics and the different treatment modalities for this special group.

2.2. Intellectual Skills:

B.1. Evaluate the patient's general health status, condition of the bone and soft tissues, in addition to, the patient's ability to tolerate all the procedures required for the provision of dental implant restorations.

B.2. Detect and justify the need for preprosthetic procedure for implant placement.

B.3. Assess risk factors from patient comprehensive assessment.

B.4. Assess patients' needs, expectations and goals from treatment and put them in into consideration when designing the treatment plan.

B.5. Plan the different surgical placement protocols

B.6. Design treatment plans for completely and partially edentulous patients and long term maintenance protocols.

B.7. Inspect various types and forms of implants, design the surgical stent for proper implant selection.

B.8. Formulate plans to manage post insertion denture problems.

B.9. Plan and formulate a re-evaluation program.

B.10. Evaluate the properties of dental materials used in different restorative and surgical procedures and select the appropriate material for treatment.

B.11. Integrate basic knowledge of jaw relations and mandibular movements when designing fixed and removable prosthetic restorations, and detect any occlusal interference during try-in of FPD or single restorations.

B.12. Investigate the scientific literature, evaluate the learned knowledge then criticize ideas and concepts in open discussions.

B.13. Correlate the basic principles of scientific research to the regulations of evidence based dentistry to generate new hypothesis in the field of implantology and prosthetic dentistry.

2.3. Professional & Practical Skills:

C.1. Take a comprehensive history and collect diagnostic data.
C.2. Perform systemic intraoral and extraoral clinical examination
C.3. Request and interpret appropriate investigations.
C.4. Perform a range of pre-clinical and clinical procedures including:

1- Pre-prosthetic mouth preparation or treatment
2- Accurate impression procedures
3- Recording maxilla-mandibular relation
4- Abutment preparation for removable partial dentures
5- Teeth preparation for fixed prosthodontics, full metal, ceramometal, ceramic, …etc
6- Soft tissue surgeries and graft
7- Implant placement

8- Implant supported over-denture preparation
9- Insertion of prosthetic restorations
10- Post insertion procedures and repair.

C.5. Perform a range of laboratory procedures and construct statistical analyses from biological studies.
C.6. Assess the effectiveness of prosthetic design and apply modifications when needed.
C.7. Handle different types of impression materials, dental cements, bonding agents, ceramics and materials for fabrication of maxillofacial prosthesis.
C.8. Use different diagnostic aids and surgical stent during implant selection.
C.9. Use advanced imaging modalities, lasers, photography and new trends in aesthetic restorations and implants.
C.10. Manage dental and medical emergencies which may occur during any step of the procedures.
C.11. Manage any complications and un expected developments during implant treatment including implant malposition.
C.12. Manage post insertion problems and handle broken dentures and prosthetic restorations using the proper procedures.
C.13. Follow up with patients to maintain the comfort and health of oral cavity, and provide advice.
C.14. Follow the ethical and legal bases of confidentiality, including the need to maintain accurate, complete patient records and the implications of informed consent.
C.15. Apply general and specific policies and procedures of IC regularly to ensure a safe working environment.
C.16. Manage any exposure to infection immediately according to the infection control guidelines.

2.4. General Skills:

By the end of the master's program graduates must be able to

D.1. Make decisions based on sound ethical, moral and scientific principles.
D.2. Manage the ethical issues that may arise in dental practice.
D.3. Follow the ethical and legal bases of confidentiality, obtained informed consents from patients and maintain confidentiality of the records.
D.4. Exercise initiative and personal responsibility and have the ability to practice autonomously as an advanced specialist.
D.5. Provide professional attitude including confidentiality, compassion, empathy, integrity, responsibility and tolerance.
D.6. Manage workload efficiently, prioritize tasks, work to a prescribed time limits and evaluate all resources.
D.7. Manage personal stress efficiently during practice.
D.8. Practice effective team work.
D.9. Discuss scientific knowledge and information in a scientific manner with members of the teamwork and supervisors to solve problems and to guide clinical decisions.
D.10. Develop a presentable thesis defense.

D.11. Performe effectively at all levels in both the scientific and professional contexts using verbal, non-verbal and written means.
D.12. Appreciate the importance of psychological and social factors in the delivery and acceptance of dental care by patients.
D.13. Assess personal progress, including the identification of strengths and weaknesses.
D.14. Use sources of continuing professional development and self-learning and apply critical thought to a continually expanding knowledge base such that professional competence is maintained.

3- Academic Standards of Program specification:

The Academic Reference Standards (ARS) of the Master program in Implant and Prosthetic Dentistry

1- The Attributes of Master Degree of Prosthetic Dentistry And Dental Implantology graduates:

In addition to the general attributes of dental graduates, the graduates of master degree must be able to:

1.1. Recognize and comprehend all the fundamental and advanced knowledge and skills related to the field of implantology and prosthetic dentistry, as well as, the basics of evidence based dentistry and research methodologies, beyond that gained from undergraduate dental education and training.
1.2. Propose overall treatment options and formulate detailed treatment plans for dental implants in straight forward and complicated cases, considering all options for tooth replacement in the context of the physical, psychological, functional, preventive, aesthetic and financial requirements of the patient.
1.3. Demonstrate competency in all the clinical and practical skills needed to practice as an advanced specialist.
1.4. Critically evaluate the current literature, synthesize and generate new hypothesis in the field of study, conduct research project and disseminate the findings of research.
1.5. Have the professional qualities and attitudes to manage the clinical practice and exhibit superior interpersonal skills.

2. Knowledge and Understanding: The graduates should be able to:

2.1. Understanding the comprehensive of head and neck anatomy, growth and development of the oral cavity and its related structures.
2.2. Describe the normal and abnormal occlusal relations and masticatory function.
2.3. Apply the fundamental basic knowledge and the principles of surgical and prosthetic treatments.
2.4. Demonstrate detailed procedural steps and different treatment options for patient rehabilitation and prosthetic restorations.
2.5. Describe the advanced technologies and different new materials and tools used in the field of implantology and prosthetic dentistry.
2.6. Demonstrate the fundamentals of laboratory procedures for prosthetic restorations.

2.7. Outline the recent literature review, to be acquainted with the updated scientific research findings and evidence based dental information in dental implants and prosthetic dentistry.
2.8. Distinguish The process of developing and managing research projects and thesis.
2.9. Identify The policies for maintaining infection control at the practice.
2.10. State oral health needs of different sections of the community such as special needs.

3. Intellectual Skills

The graduates of master degree program should be able to:
3.1. Relate findings gathered from patient history, clinical and radiographic examination and other diagnostic tests to derive a correct diagnosis.
3.2. Design appropriate sequenced and prioritized treatment plans, that can be modified when necessary, for different cases; after assessing the patients' needs and risk factors for all age groups.
3.3. Formulate plans for long-term maintenance and for managing long term and short term complications of dental implants, as well as, different types of restorations.
3.4. Apply the knowledge of functional occlusion while diagnosing, planning, preparing and delivering restorations.
3.5. Evaluate research and wide variety type of info, synthesis and generate research hypothesis, then disseminate the findings.

4. Practical and Professional Skills

The graduates of the master degree program should be able to:
4.1. Establish a comprehensive clinical assessment, including thorough medical history, examination, and request the appropriate investigations.
4.2. Perform a range of basic and advanced clinical procedures within the scope of implant and prosthetic dentistry.
4.3. Evaluate outcomes of the design and manufacturing processes and undertake actions where appropriate.
4.4. Handle a variety of dental materials and tools, use advanced technologies and apply new trends in the field of study.
4.5. Manage all intraoperative and postoperative complications.
4.6. Provide postoperative care and follow up.
4.7. Provide comprehensive practice management.
4.8. Perform satisfactory infection control measures at the practice and during surgical procedures.

5. General and Transferable Skills:

The graduates of the master degree program should be able to:
5.1. Provide ethical practice
5.2. Demonstrate professionalism and responsibility during learning and practice.
5.3. Improve management skills as time management, task allocation and team working.

5.4. Demonstrate the ability to share information and professional knowledge verbally and in writing.

5.5. Display appropriate behavior and interpersonal communication skills appropriate for working within a multi-skilled team, and with multicultural patients.

5.6. Apply self-evaluate personal ability, stimulate life-long education, training, self-directed learning and professional development.

The Relationship between ILOs of (ARS) and ILOs of the Master Program in Implant and Prosthetic Dentistry, awarded by Pharos University in Alexandria (PUA)

ARS ILOs (Knowledge and Understanding)	Program ILOs (Knowledge and Understanding)																			
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20
2.1	■	■	■																	
2.2		■		■																
2.3					■	■	■	■												
2.4			■						■	■	■	■								
2.5											■		■	■						
2.6						■				■										
2.7														■						
2.8															■	■				
2.9																	■	■		
2.10																			■	■

ARS ILOs (Intellectual Skills)	Program ILOs (Intellectual Skills)												
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13
3.1	■	■	■										
3.2				■	■	■	■			■			
3.3			■				■	■	■				
3.4											■		
3.5												■	■

ARS ILOs (Practical & Professional Skills)	Program ILOs (Practical & Professional Skills)															
	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
4.1	■	■	■													
4.2				■	■											
4.3				■	■	■										
4.4							■	■	■							
4.5										■	■	■				
4.6													■			
4.7														■		
4.8															■	■

ARS ILOs (General& Transferable Skills)	Program ILOs (General & Transferable Skills)													
	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14
5.1	■	■	■											
5.2			■	■	■									
5.3						■	■	■						
5.4									■	■				
5.5					■						■	■		
5.6													■	■

4- External references for Standards (Benchmarks):

No benchmarks.

5-Program Structure and Contents:

a- Program duration: three years' Program / 5 semesters / 60 weeks

b- Program structure:

No. of hours per week:

Lectures	Lab./Tutorial	Clinical	Total	Thesis	Final Total
20	15/8	29	42	8 (16%)	50

No. of credit hours:	Compulsory	Elective	Optional
	40 (80%)	2 (4%)	0

Basic Sciences courses: 4 (8%)

Medical & Dental Sciences courses: 38 (76%)

c- Program course Levels (in credit-hours system):

- **Preparatory Semester: required to pass 8 units distributed as follows:-**
  Compulsory…8… Elective…0… Optional…0….
- **Semester 1 : required to pass 8 units distributed as follows:-**
  Compulsory…6… Elective…2… Optional …0……
- **Semester 2 : required to pass 9 units distributed as follows:-**
  Compulsory…9… Elective…0… Optional……0……
- **Semester 3 : required to pass …… units distributed as follows:-**
  Compulsory…10… Elective…0… Optional……0……
- **Semester 4 : required to pass 7 units distributed as follows:-**
  Compulsory…7… Elective…0… Optional…0……

d- Program Courses

a. Compulsory:

Prepatory semester

Se.	Code	Course	Lect.	Prac.	Tut.	Clin.	Cre. Hrs	Pre-req
1	FPR 600	Fixed Prosthodontics (Phantom)	1	2			2	
2	RPR 600	Prosthodontic Laboratory Procedures	1	2			2	
3	RDM 631	Dental biomaterials	1	2			2	
4	ANT 631	Head and neck anatomy	1	2			2	
Total Hours			4	8	0	0	8	

Registration for semester one after passing in all courses of the preparatory semester.

Semester1

Se.	Code	Course	Lect.	Prac.	Tut.	Clin.	Cre. Hrs	Pre-req
1	RPR 672	Preclinical Removable complete and partial Prosthodontics	1	4			3	
2	LR 611	Literature review			2		1	
3	CD 601	Infection Control	1			2	2	
4	ELC 701	Elective	2				2	
Total Hours			4	4	2	2	8	

Total Preparatory+Semester 1	8	12	2	2	16	

Semester 2

Se.	Code	Course	Lect.	Prac.	Tut.	Clin.	Cre. Hrs	Pre-req
1	FPR 672	Fixed Prosthodontics (fundamentals)	1	3			2	CD 601
2	PR 600	Clinical Prosthodontics	1			4	3	CD 601
3	PR 622	Dental Implant I &Pre-prosthetic treatments	1			3	2	CD 601
4	PR 632	Gnathology and Occlusion	1		2		2	
Total Hours			4	3	2	7	9	

Total Preparatory+Semesters 1&2	12	15	4	9	25	

Semester 3

Se.	Code	Course	Lect.	Prac.	Tut.	Clin.	Cre. Hrs	Pre-req
1	RPR 781	Rehabilitation of total Edentulism	1			3	2	RPR 672
2	RPR 791	Removable Partial Denture	1			3	2	RPR 672
3	PR 741	Dental Implants II	1			3	2	RPR 672, PR 622
4	FPR 781	Fixed Prosthodontics I	1			3	2	RPR 622 & OS 622
5	PR 751	Fixed – Removable prosthodontics	1			3	2	RPR 622 & OS 622
Total Hours			5	0	0	15	10	

Total Preparatory+Semesters 1&2&3	17	15	4	24	35

Semester 4

Se.	Code	Course	Lect.	Prac.	Tut.	Clin.	Cre. Hrs	Pre-req
1	RPR 7102	Advanced and Maxillofacial Prosthodontics	1			2	2	RPR 672
2	FPR 792	Fixed prosthodontics II	1			3	2	RPR 672
3	PR 762	Case-Based Seminars			2		1	RPR 672, PR 622
4	BRM 702	Biostatistics and Research Methods	1		2		2	RPR 622 & OS 622
Total Hours			3	0	4	5	7	

Total Preparatory+Semesters 1&2&3&4	20	15	8	29	42

b. Elective:

Candidates are required to choose one appropriate elective course from the list.

The List:

Serial	Course	Credit hours
1.	Role of SEM study in research of restorative dentistry	2
2.	Physical and mechanical properties of restorative materials	2
3.	Laser in operative dentistry	2
4.	Management of worn dentition and TMJ disorders	2
5.	New trends in aesthetic inlay/onlay restorations	2
6.	Basic Orthodontics.	2
7.	Local anesthesia and sedation.	2
8.	Dental morphology.	2
9.	Oral Radiology.	2

Course Description

Course Code:	PR 632
Course Title:	Gnathology and Occlusion

Course objectives:

This course is designed to provide the candidate with knowledge in dentition, masticatory system (muscles, ligaments and temporomandibular joint) also provide the candidate with information about mandibular movements, swallowing and speech. It also provides the candidate with knowledge in basic jaw relations (occlusal plan, vertical dimension, horizontal relation and recording media) also provide the candidate with knowledge in different types in articulators and etiology of occlusal disorders and methods of treatment.

Course Code:	CD 601

Course Title:	Infection control

Course objectives:

It studies the cycle of spread of infection & exposure control in dental clinics, including general and specific policies & procedures as well as immediate management of exposure to infection.

Course Code:	ANT 631
Course Title:	Anatomy of the head and neck

Course objectives:

This course allows the candidate to improve their knowledge about the head and neck anatomy. It involves a detailed study of the anatomy of the head and neck including muscles, blood and nerve supply to bone and lymphatic drainage. The course also includes the study of salivary glands, tongue as well as nasal and maxillary sinuses

Course Code:	FPR 672
Course Title:	Fixed Prosthodontics (fundamentals)

Course objectives:

This course covers the fundamentals and principles of design of tooth preparation. And Perform extra-coronal preparations for all kinds of single teeth restorations. The theoretical part of this course gives a comprehensive idea about the different materials. The practical part of the course is concerned with the procedures that are to be accomplished in the laboratory. Technical procedures are to be demonstrated in the laboratory to supplement the theoretical part.

Course Code:	FPR 781
Course Title:	Fixed Prosthodontics I

Course objectives:

This advanced-level course reviews all aspects of fixed prosthodontic therapy with special emphasis on contemporary materials and techniques and the principles of occlusion as they relate to fixed Prosthodontic. The goal of

this course is an in-depth review of all aspects of fixed prosthodontic therapy with special emphasis on contemporary materials and techniques.

Course Code:	FPR 792
Course Title:	Fixed Prosthodontics II

Course objectives:

This course is mainly concerned with developing the skills of performing different designs of Framework metal for Ceramo-metal restorations & the method of porcelain building and firing. The course Provides the candidates with the basic professional skills that enables them to try-in of single restorations and FPD; Select and perform proper cementation techniques for cast fixed restorations; and Perform shade selection.

Course Code:	RPR 672
Course Title:	Preclinical Removable Partial and complete Prosthodontics

Course objectives:

The course introduces candidates to the principles of removable prosthetic treatment for completely and partially edentulous patients. The course will stress on laboratory steps required to fabricate and maintain both complete and partial dentures.

Course Code:	RPR 791
Course Title:	Removable partial denture.

Course objectives:

Handles the basic clinical principles of managing patients with partial edentulism and stresses on the clinical as well as the biological and mechanical considerations required to design, construct and maintain removable partial denture.

Course Code:	RPR 781
Course Title:	Rehabilitation of Total Edentulism

Course objectives:

Introduce the candidate to the principles of clinical removable prosthodontic treatment for completely edentulous patients. The course stresses on how mechanical and biological factors are equally important for success of complete dentures.

Course Code:	PR 751
Course Title:	Fixed-removable Prosthodontics

Course objectives:

This course is designed to provide the candidate with knowledge and skills necessary to efficiently carry out the clinical procedures of Overdentures, immediate dentures and attachments.

Course Code:	RPR 7102
Course Title:	Advanced and Maxillofacial Prosthodontics

Course objectives:

This course aimed to introduce the candidate to the principles of maxillofacial prosthodontic treatment and the basic clinical principles of managing patients with acquired or congenital defects.

Course Code:	RDM 631
Course Title:	Dental biomaterials

Course objectives:

This course is designed to provide the post graduate dentist with an introduction to the present theoretical and practical knowledge regarding the composition, manipulation and, properties of the dental materials used in the field of Prosthodontics. It also provides the postgraduate dentist with advanced knowledge to the dental materials used in the field of Prosthodontics and the current advances that would improve the outcomes of the dental treatment.

Course Code:	PR 622
Course Title:	Dental Implant I &Pre-prosthetic treatments

Course objectives:

This course is designed to provide the dental candidate with basic knowledge and skills necessary to efficiently carry out the pre-prosthetic implant emplacement procedures also the different types of dental implant and its surgical placement protocol and to prepare the candidate to place implants and some of their patients.

Course Code:	PR 741
Course Title:	Dental Implants II

Course objectives:

This course is designed to provide the dental candidate with knowledge and skills necessary to efficiently carry out the classification, treatment planning and implant prosthetic options for completely and partially edentulous patients.

Course Code:	LR 611
Course Title:	Literature review

Course objectives:

Prosthodontic literature as a basis for substantive discussion of concepts in therapy and research. Special emphasis is placed on the principles of evidence-based health care and critical review of the dental literature. The purpose of this course is to introduce the Prosthodontic and Implantology candidates to the most recent (within the past 6 months) prosthodontic literature.

Course Code:	BRM 702
Course Title:	Biostastistics and Research Methods

Course objectives:

At the completion of this course candidates should:

- Have improved knowledge and understanding of evidence-based dentistry.

- Have an understanding of the process of developing and managing a research project.
- Be able to statistically analyze data generated from a research project.
- Have an understanding of the process of developing an acceptable thesis on a research project.

Course Code:	PR 762
Course Title:	Case Based seminars

Course objectives:

This course will consist of patient presentations to include diagnosis and treatment planning, treatment in progress, and treatment completed. Candidates from all years of the program attend. The format must be strictly followed so that all may benefit from the presentations.

6- Admission Requirements:

مادة (5) : الشروط العامة للقبول والتسجيل :

1- يقبل الطالب الحاصل على درجة البكالوريوس من إحدى الجامعات المعترف بها من المجلس الأعلى للجامعات للدراسة ببرامج الدراسات العليا إذا استوفى شروط القبول بالبرنامج. ويشترط قضاء فترة الإمتياز.

2- يتعين على الطالب أن يحصل على موافقة مجلس القسم المختص على القبول في البرنامج في حالة استيفائه لشروط القسم العلمي (إن وجدت) ثم موافقة مجلس الكلية.

3- يستوفى الطالب المستندات والنماذج المطلوبة في إدارة الدراسات العليا كشرط للقبول وهى كما يلي :

3-1- استمارة الالتحاق.
3-2- شهادة البكالوريوس أو ما يعادله
3-3- سجل دراسي بالمقررات وتقديراتها التي قام الطالب بدراستها خلال سنوات دراسته بمرحلة البكالوريوس أو الدراسات العليا.
3-4- شهادة الميلاد أو مستخرج رسمي منها أو صورة فوتوغرافية منها موثقة.
3-5- صورة الرقم القومي.
3-6- الموقف من التجنيد بالنسبة للذكور ويتضمن شهادة إنهاء الخدمة العسكرية- أو الإعفاء منها - أو الإعفاء المؤقت بشرط أن يكون ساري المفعول لمدة عام على الأقل من تاريخ بدء الدراسة.

3-7- موافقة جهة العمل بالسماح للطالب بالدراسة والتفرغ يومين في الأسبوع وتجدد الموافقة سنويا طوال سنوات التسجيل.
3-8- إقرار من الطالب بأنه غير مسجل في أي برامج للدراسات العليا سواء في نفس الكلية أو أي كلية أخرى في الجامعات والمعاهد العليا بجمهورية مصر العربية.
3-9- إقرار من الطالب بأنه لم يسبق له الالتحاق بدراسة الدرجة الجامعية المتقدم إليها، فإذا كان قد سبق له ذلك فيوضح أسباب الانقطاع عن الدراسة قبل الحصول على الدرجة.
3-10- عدد 4 صور فوتوغرافية حديثة للطالب.
3-11- الحافظة الدالة على سداد الرسوم الدراسية.

7- Regulations rules for program course completion

مادة (6) : قواعد التسجيل :

1. تقوم الأقسام العلمية بتحديد التخصصات والبرامج المفتوحة للتسجيل بها والإعلان عنها في الكليات في بداية شهر يوليو لفصل الخريف وشهر ديسمبر لفصل الربيع من كل عام.
2. يتم فتح باب التسجيل في بداية شهر أغسطس وحتى نهايته لفصل الخريف، وفي بداية شهر يناير وحتى نهايته لفصل الربيع.
3. الطلاب الذين يرغبون في التسجيل لأي من برامج الدراسات العليا باستيفاء جميع الأوراق المطلوبة وتقديمها إلى إدارة القبول والتسجيل للدراسات العليا التي تقوم بفحص الطلبات المقدمة وإعداد قائمة المرشحين مرفقا بها سجلات بيانات المتقدمين ثم يتم إرسالها إلى القسم العلمي المختص لمراجعتها واستيفاء أيه متطلبات خاصة بالقسم ويقوم مجلس القسم بالتوصية بقبول الطالب من عدمه.
4. يتم قبول الطالب بعد موافقة مجلس الكلية بناء على توصية مجلس القسم العلمي المختص ويتوجه إلى القسم لمقابلة المرشد الأكاديمي خلال أسبوع التسجيل.
5. يتم فتح باب التسجيل للمقررات لمدة أسبوع (يعلن بالكليات) ينتهي قبل بدء الدراسة بأسبوع لكل فصل دراسي.
6. يتم اختيار المقررات وملء الاستمارة الخاصة بتسجيل المقررات، ويتم التوقيع عليها من الطالب والمرشد الأكاديمي، واعتمادها من رئيس القسم العلمي المختص.
7. يتوجه الطالب إلى إدارة الدراسات العليا بالجامعة ويتم تسجيل الاستمارة الكترونيا واستخراج استمارة أخرى من الحاسب مطابقة لها ومحدد بها الرسوم الدراسية.
8. يتم سداد الرسوم الدراسية بالبنك بالاستمارة المستخرجة من إدارة الدراسات العليا ويقوم الطالب بتسليم الاستمارة مع إيصال السداد إلى إدارة الدراسات العليا.
9. يقوم السيد الأستاذ الدكتور/ نائب رئيس الجامعة لشئون الدراسات العليا والبحوث باعتماد جميع استمارات التسجيل للطلاب.
10. تصدر إدارة الدراسات العليا قوائم الطلاب المسجلين في كل مقرر وتقوم بإرسالها إلى الكليات قبل بدء الدراسة.
11. يمكن للطالب التسجيل متأخرا (في الأسبوع الثالث من بدء الدراسة) بعد غلق باب التسجيل في نهاية الأسبوع الثاني من بدء الدراسة وذلك بعد دفع المصاريف الإدارية اللازمة لتأخير التسجيل ويكون ذلك بعد موافقة القسم العلمي المختص.
12. بعد انتهاء الأسبوع الثاني تقوم إدارة الدراسات العليا بإصدار القوائم النهائية للطلاب المسجلين لكل مقرر وإرسالها إلى الكليات.

13. يكون طلب التسجيل للرسالة مفتوحا خلال الفصول الدراسية بالنسبة لطلاب الماجستير الذين انتهوا من المقررات الدراسية المطلوبة، وذلك دون التقيد بمواعيد التسجيل المعلنة للمقررات لإتاحة الفرصة للحصول على الموافقات اللازمة لإجراءات التسجيل ويتم ذلك بملء استمارة التسجيل للرسالة.

14. يجوز لمجلس الكلية بناء على اقتراح مجلس القسم المختص أن يوقف قيد الطلاب المسجلين ببرامج الدراسات العليا في الحالات الآتية:

14-1- **التجنيد**: على أن يتقدم الطالب بطلب لإيقاف قيده مدة تجنيده خلال الثلاث أشهر الأولى من تاريخ التجنيد مدعما بالمستندات الدالة على ذلك.

14-2- **السفر للخارج في مهمة أو أجازة:** على أن يتقدم الطالب بطلب قبل سفره أو خلال الشهر الأول من سفره مدعما بالمستندات الدالة على ضرورة سفره للخارج بحيث تكون مدة السفر أكثر من شهر.

14-3- **المرض :** على أن يتقدم الطالب بطلب خلال الشهر الأول لمرضه مدعما بشهادة مرضية من إحدى المستشفيات الحكومية أو التأمين الصحي أو مستشفى معتمد من الجامعة مبينا فيها أن مدة المرض تزيد عن شهر.

14-4- **رعاية الطفل أو الوالد أو الوالدة:** على أن تتقدم الطالبة أو الطالب بطلب وقف القيد لرعاية الطفل أو الوالد أو الوالدة وتبدأ فترة إيقاف القيد بعد الموافقة على الطلب ولمدة لا تزيد عن عام دراسي واحد ولمرة واحدة فقط طوال فترة التسجيل . ويجب أن يتم تقديم الأوراق الرسمية الخاصة بطلب الرعاية.

15. يجوز لمجلس الكلية بناء على اقتراح مجلس القسم المختص قبول اعتذار الطالب عن دخول الامتحانات النهائية إذا تقدم بطلب قبل بدء الامتحانات في الحالات الآتية:

15-1- **المرض**: يتقدم الطالب بطلب مدعم بشهادة مرضية من مستشفى معتمد من الجامعة تفيد مرضه أثناء عقد الامتحانات المعتذر عنها.

15-2- **السفر للخارج:** يتقدم الطالب بطلب مدعم بالمستندات الدالة على ضرورة سفره للخارج موضحا الأسباب القهرية لذلك مع تحديد المدة التي سيتواجد خلالها بالخارج وعلى أن يثبت تواجده بالخارج فعلا أثناء فترة الامتحانات بعد عودته .

d. Registration Procedure

1. *Registration*

Students are required to register at the beginning of each semester during the assigned registration period. Candidates select courses with the consultation of the academic advisor who must approve their work-load before registration. The registration department issues a regulation bulletin as well as the procedures to be followed.

2. *Late registration*

Candidates are allowed to register with maximum two weeks after the registration deadline, with the approval of the dean of the faculty.

3. *Adding and dropping subjects*

Candidates may add or drop a course during the period announced on the time-table of each semester as long as his/her work load remains within the permitted load limit

E. Withdrawal

Candidates have the right to withdraw from an academic semester within the withdrawal period announced on the academic calendar of the semester.

F. Attendance

If the student's attendance is below 75% of the total number of hours in any course throughout the semester (with or without excuse) he/she should drop the course altogether. Otherwise, he/she will receive an (F) grade in the course evaluation.

G. Worksheets

Curriculum requirements leading to graduation are recorded on a worksheet kept in the student's folder. Worksheets are available in the registration office.

8. Examinations and Grading System

A. Examinations:

1. The final grade awarded to the student in a course is usually based on the sum of the first quiz, mid term and final grade exam of each semester.
   - Grades are distributed as follows:

Final Exam			Mid Term Exam		Continuous assessment		
Written	Practical	Oral	Written	Practical	Requirements	Attendance	Assignment
25%	20%	5%	10%	10%	20%	5%	5%

2. Each credit is allotted a total of 100 points.
3. The pass mark for each course is 60%

Grading System

Grade		Numerical Average	Grade Points
Excellent	A	90% and higher	4
	A-	85% to less than 90%	3.7
Very Good	B+	80% to less than 85%	3.3
	B	75% to less than 80%	3.0
Good	B-	70% to less than 75%	2.7
	C+	67% to less than 70%	2.3
	C	65% to less than 67%	2.0

Pass	C-	63% to less than 65%	1.7
	D+	62% to less than 63%	1.3
	D	60% to less than 62%	1.0
Fail	F	Less than 60%	0
راسب لأئحة	B.L.	Less than 30%	

A student gets an E or NE grade in a course if he/she does not attend the final examination in that course. Grades E and NE are failing grades and carry no grade points.
Grade E is awarded to candidates absent in the final examination who present an accepted excuse. While grade NE is awarded to those who are absent during the final examination without excuse or with a non-approved excuse.

Grade-Point Average
The current grade-point average (Current GPA) and the cumulative grade-point average (Cumulative GPA) are calculated as indicated below:

Example:

Course	**Credit Hours**	**Grade**	**Grade Point**	**Quality Point**
Title 1	3	A	4	12
Title 2	3	B-	2.7	8.1
Title 3	4	A-	3.7	14.8
Title 4	3	C	2	6
Title 5	2	NE	0	0
Title 6	3	F	0	0
	18			**40.9**

Therefore the current GPA = 40.9/18 = 2.272
The current GPA is an average determined by weighting each grade awarded during a one term study

- A student is considered under academic probation for 2 subsequent academic years if he/she records less than 2.0 cumulative GPA.
- A student must raise his/her GPA in the first year and by the end of the second semester, he/she must record 2.0 cumulative.

- During academic probation, a student may not register for more than 14 credits per semester, beside English courses.
- A student under academic probation may not join extra curricular activities such as sports teams, etc.
- A student under academic probation has to meet his/her academic advisor at least twice per month to follow up his/her academic performance and solve difficulties as they may arise.

Student Suspension and Re-registration

- If the student fails to obtain 2.0 GPA at the end of the academic probation, he/she is suspended from attending the faculty.
- A student may submit a petition explaining circumstances that caused failure of recording 2.0 GPA cumulative.
- University Council may allow re-registration on conditions that help the students to proceed for graduation.

Course Repeat for Students with C, D, E

- A student may repeat a course if he/she scores a grade less than C in that course.
- Approval of the Academic Advisor and Faculty Council are required.
- A student may register for summer course in certain subjects for the time if he/she holds a GPA>3.0 and after consultation and approval of Academic Advisor and Faculty Council.
- Final grade is based on the better score.
- Both grades are shown in transcript.

Course Repeat for Students with F

- A student may repeat a course if he/she scores an "F".
- If the student passes the re-sit exam, he will be awarded his/her grade or "C" as a maximum.
- Credits of the course are registered in the student's record.

Postpone Final Examination of a Course or More

- In case of serious circumstances, a student may postpone attending the final examination of a course(s) till the following semester with the approval of the Faculty Council.

Graduation Requirements

ماده 15 : قواعد الحصول على درجه الماجستير

بالإضافة للشروط العامة للقبول والتسجيل يشترط ما يلي لتسجيل الطالب لدرجة الماجستير:

15-1 أن يكون حاصلا على درجة البكالوريوس في طب و جراحة الفم والأسنان في فرع التخصص بتقدير عام جيد على الأقل (C+) أو ما يعادل هذا التقدير من إحدى الجامعات / المعاهد العليا المعترف بها في فرع التخصص من المجلس الأعلى للجامعات أو من الجامعات الأجنبية المعادلة

15-2 يجوز لمجلس الكلية بناء على اقتراح مجلس القسم المختص قبول تسجيل الطالب الحاصل على درجة البكالوريوس في غير فرع التخصص بعد اجتيازه عدد من المقررات الدراسية التكميلية في مستوى البكالوريوس أو أعلى و التي يراها القسم المختص ضرورية. وألا يتجاوز عدد الساعات المعتمدة للمقررات التكميلية عن ثمانية ساعات. وفى حالة زيادتها عن ذلك يقضى الطالب سنة تأهيلية للنجاح في هذه المقررات كشرط لتسجيل مقررات الماجستير ويجب ألا يقل تقدير أي من هذه المقررات عن تقدير C ولا تحسب له هذه المقررات ضمن ساعات البرنامج.

15-3 في حالة أن يكون الطالب حاصلا على تقدير مقبول في درجة البكالوريوس ويرغب في التسجيل لدرجة الماجستير فيجب على الطالب الحصول على درجة دبلوم تخصصي بتقدير(C+) على الأقل أو اجتياز مقررات تكميلية يحددها القسم المختص بتقدير لا يقل عن (C+) ولا تحسب له هذه المقررات ضمن ساعات البرنامج.

15-4 تحدد الكلية عدد الساعات المعتمدة اللازمة للحصول على درجة الماجستير على أن تكون 42 ساعة معتمدة للمقررات الدراسية بالإضافة إلى 8 ساعات معتمدة للرسالة على الأقل بحيث يكون عدد الساعات الإجمالية 50 ساعة معتمدة.

15-5 يجب أن يجتاز الطالب المقررات الدراسية بنجاح ويجب ألا يقل تقدير الطالب في أي مقرر عن تقدير (C) ويجب ألا يقل اجمالى متوسطه التراكمي CGPA عن تقدير(C+) وإلا وجب عليه التسجيل في مقررات إضافية أو إعادة بعض المقررات لتحسين اجمالى المتوسط التراكمي CGPA. وعند استيفاء الطالب النجاح في المقررات الدراسية، يتقدم بطلب لتسجيل موضوع الرسالة . ويجوز أن يتقدم الطالب بطلب تسجيل موضوع الرسالة بعد اجتيازه لعدد من المقررات الدراسية(50% على الأقل) بنجاح بتقدير CGPA لا يقل عن(B+). وإذا اجتاز الطالب المقررات الدراسية للماجستير وكان اجمالي متوسطه التراكمي CGPA اقل من جيد (c+) او لا يرغب في تسجيل الرسالة، يحصل الطالب علي درجة الدبلوم التخصصي.

15-6 يقوم الطالب بعرض خطة البحث في سيمينار للقسم قبل التقدم بتسجيل موضوع الرسالة وعرضه على مجلس القسم وموافقة مجلس القسم عليها.

15-7- يجب أن يجتاز مستوى معين للغة الأجنبية يحدده مجلس الكلية (مثل TOEFL المعهدى) قبل تسجيل الرسالة.

15-8- يقوم السادة المشرفون على الطالب بتقديم تقرير صلاحية الرسالة إلى مجلس القسم ويوصى مجلس القسم بتشكيل لجنة الحكم الذي يتم اعتماده من مجلس الكلية ثم مجلس الجامعة.

15-9 بعد اجتياز الطالب مناقشة رسالته العلمية وتوصية لجنة الحكم بمنحه الدرجة يرفع مجلس الكلية قراره بناء على توصية مجلس القسم بمنح درجة الماجستير للطالب ويعتمد القرار من مجلس الجامعة.

15-10 الحد الأدنى للحصول على درجة الماجستير هو عامان منذ تسجيل الطالب للدراسة الخاصة بالدرجة.

Internship Training/Rotation(not applied)

- Internship year of rotational training is required to practice dentistry.
- High honor and honor students may obtain their training at the Faculty premises
- Student's rotation schedule is settled via the Faculty with the appropriate hospitals.

Affiliation with Other Universities

Faculty of Dentistry Board may request affiliation with other Egyptian or foreign university that provides similar quality of education.
A student registered at Pharos may spend a maximum of 2 semesters and study not more than 6 courses in affiliated university.

Academic Plan

The Faculty of Dentistry has developed an innovative program that meets the current and future needs of Dentistry.
The curricula and courses offered are presented in detail using the given course coding system.

9. Methods and Rules of Student's Evaluation:

Methods	Program Intended Learning Outcomes
Written Exam	General knowledge & Understanding, Intellectual Skills, and Professional skills
Continuous assessment	General knowledge & Understandings, Intellectual Skills, Professional skills and general skills
Thesis	General knowledge & Understanding, Intellectual Skills, Professional skills and general skills

10- Methods of Program Evaluation:

Evaluator	Tool	Sample
Students last level	Questionnaires and periodic meeting	Questionnaires 20%
Graduates	Questionnaire and periodic meeting	Questionnaires 20%
Stakeholders (employers)	Questionnaire and periodic meeting	One meeting / year
External evaluator	Reviewing of the specifications of the program and the courses according to the bylaw	At least one reviewer professor in the specialty

Program Coordinator **Faculty Dean**