

1	Course title	Dental Implantology
2	Course number	1304718
3	Credit hours (theory, practical)	2 hrs (theory)
	Contact hours (theory, practical)	2 hrs (theory)/ week
4	Prerequisites/corequisites	N/A
5	Program title	MSc in Fixed & Removable Prosthodontics
6	Program code	
7	Awarding institution	The University of Jordan
8	School	Faculty of Dentistry
9	Department	Department of Conservative Dentistry & Department of Removable Prosthodontics
10	Level of course	Masters
11	Year of study and semester (s)	Second year, First semester
12	Final Qualification	MSc
13	Other department (s) involved in teaching the course	Department of Conservative Dentistry & Department of Removable Prosthodontics
14	Language of Instruction	English
15	Date of production/revision	August 2018

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Coordinator: **Dr.Salah Al-omoush.**

Office hours:Sun.10-12.phone 23552.

E-mail: dr.omoush@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Prof Zaid Baqain office hours:Sun. 10-12 phone 23552, Email: zbaqain@ju.edu.jo

Prof Ameen Khraisat, office hours: Sun. 9-11 phone: 23552,E-mail: a.khraisat@ju.edu.jo

Dr. Abeer Alahdidi office hours:Tue 10-12, Email: a_7adidi@yahoo.com

Dr. Sandra AlTarawneh office hours Mon 12-2, Email: s_altarawneh@ju.edu.jo

18. Course Description:

This course consists of advanced and successful options in treating patients by dental implants supported partial fixed prostheses and implant-retained complete prostheses, in addition to patients with single missing tooth providing that there are no anatomical or psychological contra-indications. It also discusses all the basic principles of surgical and prosthetic aspects of implants, complications.

19. Course aims and outcomes:

A. Aims:	
The objective of this course is to enable the students to recognize the different aspects related to dental implants therapy	
B. Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...	
1)	Recognize terminology and nomenclature related to implant dentistry
2)	Present data on different aspects of dental implants therapy through seminars sessions
3)	Participate in interactive discussions on different aspects of dental implants therapy
4)	Establish proper diagnostics and treatment plans for different clinical scenarios where use of dental implants is appropriate
5)	Recognize biomechanical aspects that affect clinical performance of dental implants
6)	Recognize different types of implant-retained and implant-supported prostheses
7)	Recognize the different placement times and loading protocols for dental implants
8)	Recognize recent developments in impression materials and the clinical significance of the fit of definitive prostheses
9)	Recognize occlusal considerations in dental implant restorations
10)	Recognize proper maintenance protocols and management of complications that occur with implant restorations

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Introductions, development and terminology of dental implants.	1	Dr Al Omoush	1-3	22	All
Biomaterials and interface	2	Prof Khraisat	1-3, 5	22	All
Aspects of Biomechanics	3	Prof Khraisat	1-3, 5	22	All
Indication and contra-indication for implant treatment Parameters and criteria for dental implant	4	Dr Al Omoush	1-4, 6	22	All

success Methods of testing osseointegration					
Patient's selection, pre operative diagnostic aids and treatment planning I- Clinical examination II- Ridge Mapping	5	Dr Al Omoush	1-4, 6	22	All
Radiographic evaluation	6	Dr. Hadidi	1-4	22	All
Timing of dental implantation	7	Prof Baqain	1-4, 7	22	All
Implant insertion:	8	Prof Baqain	1-4, 7	22	All
Prosthetic modalities for treating completely edentulous patients	9	Dr Al Omoush	1-4, 6	22	All
Prosthetic modalities for treating partially edentulous patients	10	Dr. S. Al Tarawneh	1-4, 6	22	All
Impression techniques and materials	11	Dr. S. Al Tarawneh	1-4, 8	22	All
Occlusal considerations in implant Prosthetics	12	Dr. S. Al Tarawneh	1-4, 9	22	All
Home care for dental implant patients and patient recall	13	Dr Al Omoush	1-4, 10	22	All
Dental implant complications	14	Dr Al Omoush	1-4, 10	22	All

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Seminar Sessions

Seminars will be lead by the faculty members listed in the course outline.

Every week a seminar of 2 hours is given to the students corresponding the designated topic.

Faculty members will distribute a number of "*Key Scientific Articles*" at least one week before the scheduled date of the seminar.

Each student will be responsible for reading and understanding all articles.

The seminar consists of a brief introduction of the subject (instructor), followed by a discussion of the most recent literature review.

Each student will be responsible for presenting one or two of the key articles during the seminar (10 – 15 min) and provide a typed and printed handout to everyone attending the seminar.

The seminar ends with an interactive discussion and exchange of ideas between students and staff members.

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Student overall grade will be comprised of:

- 30% midterm written exam
- 15% seminar evaluation
- 15% Literature review
- 40% final written exam

23. Course Policies:

A- Attendance policies:

Seminar and clinic attendance is mandatory. However, 15% allowed absence is granted for students by the university law.

B- Absences from exams and handing in assignments on time:

A make up exam is allowed in cases where the students misses the exam due to an acceptable excuse, and the excuse is submitted in due time according to the university regulations.

C- Health and safety procedures:

All patients must be approved by the faculty of the graduate program.
All postgraduates MUST abide by cross infection control measures and regulations.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

We follow the rules and regulations set by the University of Jordan.

E- Grading policy:

Student overall grade will be comprised of:

- 30% midterm written exam
- 15% seminar evaluation
- 15% Literature review
- 40% final written exam

F- Available university services that support achievement in the course:

Students can utilize the university main library, medical library or the electronic library (ezlibrary) for references. In addition, they can access staff websites for additional information related to the course.

24. Required equipment: (Facilities, Tools, Labs, Training ...)

Seminar room and a projector with white smart board

25. References:

Required book (s), assigned reading and audio-visuals:

CE Misch. Contemporary Implant Dentistry. 3rd edition, 2007

Recommended books, materials, and media:

- Glossary of implant terms. The Journal of Oral Implantology. 2007

26. Additional information:

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----