COURSE DATA

DATA SUBJECT

Code: 34735
Name: Implant surgery
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1206 - Degree in Dentistry	Facultat de Medicina i Odontologia	5	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1206 - Degree in Dentistry	Implant surgery	ELECTIVES

COORDINATION

BERNABEU MIRA JUAN CARLOS

SUMMARY

Implant surgery is an optional subject that belongs to the coresubject Medical-Surgical Pathology buccal and maxillofacial, quarterly periodicity. In the Degree of Dentistry, it has 6 ECTS credits and has been given practical theoretical character with clinical practices.

It will be taught in the fifth year of the degree of Dentistry, having an important relation with the subject of Oral Surgery.

It is defined as "the subject that studies the indications of surgical therapeutics, medicalsurgical materials, dentofacial radiological procedures and techniques of dental implant placement surgery."

In this elective and four-month course, the Degree of Dentistry is intended to give the student of Dentistry a training and surgical knowledge of the placement of dental implants.

Students are reminded of the great importance of carrying out evaluation surveys of all the teaching teachers of this subject.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

COMPETENCES / LEARNING OUTCOMES

1206 - Degree in Dentistry

La superación de estas asignaturas reforzará la adquisición de las competencias generales del plan de estudios.

DESCRIPTION OF CONTENTS

1. THEORETICAL CLASSES

1. Course introduction. Principles of dental implantology - prevention of peri-implant bone loss - part 1.
2. Principles of dental implantology: Prevention of peri-implant bone loss.
3. Guided surgery in implantology
4. Surgical management of peri-implant soft tissues
5. Implants in the aesthetic zone
6. Atrophic patient: bone regeneration
7. Edentulous atrophic patient: implants in residual bone
8. Maxillary sinus lift
9. Prevention and treatment of peri-implant diseases

2. PRECLINICAL PRACTICE

Workshop 1: Digital planning in implantology
Workshop 2: Implants in the aesthetic zone
Workshop 3: Soft tissue management
Workshop 4: Maxillary sinus lift
Workshop 5: Guided surgery

3. CLINICAL PRACTICE

Participation in small groups in implant surgeries on patients at the Clinic of the Master's Degree in Oral Surgery and Implantology.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	27,00
Laboratory	8,00
Classroom practices	25,00
Total hours	**60,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	0,00
Independent study and work	60,00
Preparation of lessons	5,00
Preparation for assessment activities	15,00
Resolution of case studies	10,00
Total hours	**90,00**

TEACHING METHODOLOGY

The theoretical face-to-face teaching modality is taught in master classes lasting 2 hours, in which the last 10 minutes are left for questions from the students.

The theoretical classes will focus, above all, on providing the student with as much information as possible on where to obtain the necessary data to address the implant treatment plans that will be taught throughout the course. In them, numerous clinical cases will be presented so that the student can understand these situations.

Practical face-to-face activities are of 2 types. In the preclinical practices, the student will put into practice what they have learned in the theoretical classes using biomodels that replicate the anatomy of the mouth, and implant surgery materials and instruments. In clinical practices, students will attend implant surgeries

on patients performed by professors on Wednesday mornings and Thursday afternoons in the Oral Surgery and Implantology Master's Clinic.

Non-face-to-face activities: study of theoretical classes, preparation of preclinical practices and completion of online questionnaires.

The gender perspective, respect for diversity and the sustainable development goals (SDGs) will be incorporated into teaching, whenever possible.

EVALUATION

FIRST EXAM SESSION (JUNE)

Theoretical assessment (60%): written theoretical examination with 2 essay questions, corresponding to the assessment of the theoretical contents.

Practical assessment (40%): written practical examination consisting of 1 clinical case with several surgical phases in which the skills acquired in the recognition and understanding of clinical cases of implant surgery will be assessed.

SECOND EXAM SESSION (JULY)

Theoretical assessment (60%): written theoretical examination with 2 essay questions, corresponding to the assessment of the theoretical contents.

Practical assessment (40%): written practical examination consisting of 1 clinical case with several surgical phases in which the skills acquired in the recognition and understanding of clinical cases of implant surgery will be assessed.

The final grade for the course will be the sum of the theoretical grade and the practical grade, and it is necessary to pass both parts in order to pass the course. Attendance at practical activities is compulsory. It is considered that the student complies with this requirement if they have attended at least 80% of these activities and have adequately justified the impossibility of attending the remaining sessions due to force majeure. Compliance with this requirement is essential in order to pass the course.

Students are reminded of the importance of completing the evaluation surveys for all teaching

staff involved in the degree courses.
the degree courses.

REFERENCES

- Randolph Resnik. Misch: Implantología Contemporánea 4a Edición. Elsevier, 2021(ISBN: 9788491135494)

- Peñarrocha MA, Peñarrocha M. Atlas Quirúrgico de Implantología Oral. Ergón.Madrid 2013. (ISBN:84 -9751-176-X).

-Peñarrocha Diago M, Salvatore L. Estética y carga inmediata en Implantología Dental. Medicina Oral S.L, Valencia 2011 (ISBN 978-84-624-5655-0)

- Peñarrocha Diago M, Peñarrocha Oltra D. Tratamiento con implantes del maxilar superior atrófico. Ripano, 2014. (ISBN 978-84-942601-1-7)

- Gatti C. Chiapasco M, Casentini P, Procopio C. Manual ilustrado de implantologia oral. Amolca, Milano 2010 (ISBN: 978-958-8473-26-0).

RECURSOS e-Salut:

ClinicalKey Student Medicina, Odontologia y Enfermeri¿a [https://uv-es.libguides.com/RecursosSalut]

Acces Medicina [https://uv-es.libguides.com/Access_Medicina]

Me¿dica Panamericana [https://uv-es.libguides.com/Medica_Panamericana]