

**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**

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**SUMMARY**

Implant surgery is an optional subject that belongs to the co subject 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
<b>Total hours</b>	<b>60,00</b>

##### 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
<b>Total hours</b>	<b>90,00</b>

#### 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 exam with 2 essay questions, corresponding to the evaluation of the theoretical content.

**Practical assessment (30%):** written practical exam consisting of 1 clinical case with several surgical phases in which the skills acquired in the recognition and understanding of implant surgery clinical cases will be assessed.

**Continuous assessment (10%):** after each theoretical lesson and before the preclinical practical workshops, a 4-question multiple-choice quiz will be opened in the Virtual Classroom to encourage continuous study and preparation for the workshops.

The final grade of the subject will be the sum of the theoretical grade and the practical grade, and it is necessary to pass both parts to pass the subject.

SECOND EXAM SESSION (JULY):

**Theoretical assessment (60%):** written theoretical exam with 2 essay questions, corresponding to the evaluation of the theoretical content.



**Practical assessment (30%):** written practical exam consisting of 1 clinical case with several surgical phases in which the skills acquired in the recognition and understanding of implant surgery clinical cases will be assessed.

**Continuous assessment (10%):** after each theoretical lesson and before the preclinical practical workshops, a 4-question multiple-choice quiz will be opened in the Virtual Classroom to encourage continuous study and preparation for the workshops.

The final grade of the subject will be the sum of the theoretical grade and the practical grade, and it is necessary to pass both parts to pass the subject.

Attendance at practical activities is mandatory. The student is considered to have met this requirement if they have attended at least 80% of these activities and have properly justified the inability to attend the remaining sessions due to a force majeure cause. Meeting this requirement is essential to pass the subject.

Students are reminded of the importance of completing the evaluation surveys for all faculty members teaching in the degree program.

## 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 implantología oral. Amolca, Milano 2010 (ISBN: 978-958-8473-26-0).

RECURSOS e-Salut:

ClinicalKey Student Medicina, Odontologia y Enfermeria [ <https://uv-es.libguides.com/RecursosSalut> ]

Acces Medicina [ [https://uv-es.libguides.com/Access\\_Medicina](https://uv-es.libguides.com/Access_Medicina) ]



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**Course Guide**  
**34735 Implant surgery**

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