

**COURSE DATA****DATA SUBJECT****Code:** 34505**Name:** Dentistry for doctors**Cycle:** Undergraduate Studies**ECTS Credits:** 4.5**Academic year:** 2025-26**STUDY (S)**

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Facultat de Medicina i Odontologia	4	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1204 - Degree in Medicine	Optional subjects	ELECTIVES

COORDINATION

BAGAN SEBASTIAN JOSE VICENTE

SUMMARY

In this optional subject in the Degree in Medicine, it is intended to provide students with global information of what Dentistry represents in all its dimensions. This way, students will acquire knowledge on the diverse areas which constitute the discipline, structured in four teaching units: Medical-surgical Dentistry, Orthodontics and Paediatric Dentistry, Dental Pathology and Therapy, Prosthodontics and Occlusion.

The essential core of this subject is represented by content related to the so-called Oral Medicine, in which diseases of the oral mucosa, saliva glands, maxillary bones and systemic pathology causing an impact on the oral cavity are addressed. All of this approached from a perspective of clinical diagnosis and treatment.

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

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

OTHER REQUIREMENTS

It is recommended to take the subject in the last two years of your undergraduate studies.



COMPETENCES / LEARNING OUTCOMES

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Acknowledge diversity and multiculturality.

Capacity for communicating with professional circles from other domains.

Consideration of ethics as a fundamental value in the professional practise.

Criticism and self-criticism skills.

Students must be able to apply their knowledge to their work or vocation in a professional manner and have acquired the competences required for the preparation and defence of arguments and for problem solving in their field of study.

Students must have the ability to gather and interpret relevant data (usually in their field of study) to make judgements that take relevant social, scientific or ethical issues into consideration.

Team-working skills and engaging with other people in the same line of work or different.

Understand and recognise the structure and normal function of the human body, at the following levels: molecular, tissue, organic, and of systems, in each phase of human life and in both sexes.

Working capacity to function in an international context.

DESCRIPTION OF CONTENTS

1. THEORETICAL LESSONS

- 1.1. Bacterial infections of Odontogenic origin: infections of dental origin. Abscess, cellulitis.
- 1.2. Fungal infections of the oral mucosa.
- 1.3. Viral infections of the oral mucosa.
- 1.4. Immunological disorders with oral manifestations.
- 1.5. Disorders in the secretion of salivary glands: xerostomia and hypersalivation.
- 1.6. Infections of the jaw bones.
- 1.7. Cysts of the jaw bones.
- 1.8. Jaw tumours.
- 1.9. Precancer.
- 1.10. Oral cancer.

- 2.1. General aspects (2 seminars)
- Exploration of the oral cavity. Dental nomenclature.



2. PRACTISE - SEMINARS

2.1. General aspects (2 seminars)

- Dental eruption and its chronology.

2.2. Preventive and Community Dentistry (6 seminars)

- Plaque bacteria.
- Diet and caries.
- Mechanical and chemical control of the plaque bacteria.
- Community Dentistry: community dental care programmes.

2.3 Dental pathology and therapy (2 seminars)

- Dental caries: aetiology, clinic and diagnosis.
- Dental caries: treatment.

2.4 Periodontology (2 seminars)

- Gum disease: aetiology, clinic and diagnosis.
- Gum disease: prevention and treatment.

2.5 Paediatric dentistry and Orthodontics (4 seminars)

- Paediatric dentistry (I).
- Paediatric dentistry (II).
- Orthodontics (I).
- Orthodontics (II).

2.6 Dental and maxillofacial prosthesis (2 seminars)

- Dental prosthesis: fixed, removable and combined (I).
- Dental prosthesis: fixed, removable and combined (II).

2.7 Dental aesthetics and dental materials (2 seminars)

- Dental materials.
- Dental aesthetics.

2.8 Oral Surgery (4 seminars)

- Tooth extractions.
- Implant Dentistry.

2.9 Medically involved patients (2 seminars)

- Patient management with systemic risks in dental consultations.

3. SOLVING ONLINE QUESTIONNAIRES

Several clinical cases according to the contents which are explained in the classes will be set online. They will be uploaded on Aula Virtual, in the corresponding section (questionnaires). This will consist of case studies, the diagnosis of which will be asked, and students will find several possible answers to it. Then, students will have to choose the correct answer.

Once a student completes the questionnaire, he/she receives an automatic notification with the result. Through it, students get to know the result and the questions answered both correctly and incorrectly. This is 37.5 hours in total.



4. PREPARATION OF INDIVIDUAL WORK

Each student will have to do an assignment including literature review (15 pages approximately) regarding the content seen in any of the theoretical lessons. It will include bibliography which will be referenced in the text. It can include 4 tables maximum.

The student will choose the topic, from the ones presented in theoretical classes, and this will be agreed with the coordinator of the module or a professor who has given classes or seminars.

This is 30 hours in total.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	19,00
Seminar	26,00
Total hours	45,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	30,00
Independent study and work	0,00
Preparation of lessons	0,00
Preparation for assessment activities	37,50
Resolution of case studies	0,00
Total hours	67,50

TEACHING METHODOLOGY

1. Theoretical lessons : 19 hours (on-site). They consist in 10 units as it has been showed in contents descriptions.

2. Seminars : 26 hours (on-site). It includes seminars related to new topics described in the description of contents section.

3. Clinical cases in Dentistry (solving online questionarios): 37,5 horas (teleworking - not on-site). Students must collect as much as information possible related to medical pathologies presented online platform. Students' participation will be individually assessed.

4. Preparación of individual work, every students must do a work with the help of a tutor. It means a help of about 30 hours for every student.

The gender perspective, the respect for diversity, and the sustainable development goals (SDGs) will be



incorporated into teaching, whenever possible.

EVALUATION

The evaluation will be made in the following way:

1. Attendance in theory classes: this will represent 50% of the mark. Attendance is compulsory for at least 80% of the classes.
2. Completion of an online examination of clinical cases: this will represent 20% of the mark.
3. A voluntary exam with multiple-choice questions, with four possible answers and only one valid answer. Each error will deduct 0.25. It will be used to evaluate the theoretical-practical classes. It represents **30% of the final mark.**

*Attendance and the completion of clinical cases will only give a maximum mark of 7/10. The remaining 30% will be obtained from the final exam mark.

In this subject students will not be allowed to write their test (or even take it before the agreed date) if they have not completed their training (internship).

Attendance at practical activities is mandatory. The student is considered to meet this requirement if he or she has attended a minimum of 80% of these activities and has adequately justified the impossibility of attending the remaining sessions due to the occurrence of a cause of force majeure. It will be essential to comply with this requirement to pass the subject.

Students are reminded of the importance of carrying out evaluation surveys on all the teaching staff of the degree subjects.

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