VNIVERSITAT DE VALÈNCIA

Course Guide
34505 Dentistry for doctors

COURSE DATA

Data Subject	
Code	34505
Name	Dentistry for doctors
Cycle	Grade
ECTS Credits	4.5
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Faculty of Medicine and Odontology	4	First term

Subject-matter

Degree	Subject-matter	Character
1204 - Degree in Medicine	18 - Optional subjects	Optional

Coordination

Name	Department
BAGAN SEBASTIAN, JOSE VICENTE	131 - Stomatology

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.

OTHER REQUIREMENTS

It is recommended that students take the module in the two last years of their studies.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

Se recomienda cursar la asignatura en los dos últimos años de los estudios de grado.

OUTCOMES

1204 - Degree in Medicine

- 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.
- 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.
- Team-working skills and engaging with other people in the same line of work or different.
- Criticism and self-criticism skills.
- Capacity for communicating with professional circles from other domains.
- Acknowledge diversity and multiculturality.
- Consideration of ethics as a fundamental value in the professional practise.
- Working capacity to function in an international context.

They should be focused on the application and development of content which has been studied, as well as skills, competencies and abilities which students are supposed to acquire, in special focus on the analysis, synthesis and decision-making regarding clinical cases, and the critical assessment of literature in DENTISTRY. Students will be able to acknowledge the normal structures of the oral cavity, including teeth, oral mucosa, maxillary bones and salivary glands.

1. They will know how to interpret clinical and radiographic data, obtained in a physical examination of the oral cavity.

2. They will learn diagnostic techniques which can be applied in Dentistry, specifically in the different areas of the discipline: Medical-surgical Dentistry, Orthodontics and Paediatric Dentistry, Dental Pathology and Therapy, Prosthodontics and Occlusion.

3. Students will receive information on how to treat the most common problems and pathologies of the oral cavity, with both cases of children and adults.

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. PRACTISE - SEMINARS

2.1. General aspects (2 seminaries)
- Exploration of the oral cavity. Dental nomenclature.
- Dental eruption and its chronology.

2.2. Preventive and Community Dentistry (6 seminaries)
- 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 seminaries)
- Dental caries: aetiology, clinic and diagnosis.
- Dental caries: treatment.

2.4 Periodontology (2 seminaries)
- Gum disease: aetiology, clinic and diagnosis.
- Gum disease: prevention and treatment.

2.5 Paediatric dentistry andOrthodontics (4 seminaries)
- Paediatric dentistry (I).
- Paediatric dentistry (II).
- Orthodontics (I).
- Orthodontics (II).

2.6 Dental and maxillofacial prosthesis (2 seminaries)
- Dental prosthesis: fixed, removable and combined (I).
- Dental prosthesis: fixed, removable and combined (II).

2.7 Dental aesthetics and dental materials (2 seminaries)
- Dental materials.
- Dental aesthetics.

2.8 Oral Surgery (4 seminaries)
- Tooth extractions.
- Implant Dentistry.

2.9 Medically involved patients (2 seminaries)
- 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 seminaries.
This is 30 hours in total.

WORKLOAD

ACTIVITY	Hours	% To be attended
Seminars	26,00	100
Theory classes	19,00	100
Development of individual work	30,00	0
Resolution of online questionnaires	37,50	0
TOTAL	**112,50**	

TEACHING METHODOLOGY

1. Theoretical lessons: 19 hours (on-site). They will consist of 10 thematic units as it is noted in the description of contents.

2. Seminaries: 26 hours (on-site). It intends to carry seminaries related to 9 topics which are previously described in the 'description of contents' section.

3. Clinical cases in Dentistry (solving online questionnaires): 37,5 hours (teleworking – not on-site). Students will have to do a follow-up regarding the case studies related to medical systemic pathologies which will be presented through an online platform. Students' participation will be individually assessed.

4. Preparation of individual work, which each student will have to take and which will be tutored by professors giving theoretical lessons on the subject, or the seminaries. This will consist of an amount of 30-hour work for each student.

EVALUATION

Evaluation will be done as follows:

1. An exam with test questions, with four possible answers and only a correct one. This will be useful to evaluate theoretical classes. It represents 50% of the final score.

2. Evaluation of the individual work all students have done, attendance to classes and participation in seminaries. This represents 20% of the final score.

3. Online clinical cases. 4 online questionnaires regarding cases studies presented will be completed. This represents 30% of the final score (practical evaluation).

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 of practices will be compulsory.

REFERENCES

Basic

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Additional

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