

1. BASIC INFORMATION

Course	Introduction to the Clinic
Degree program	Dentistry
School	Biomedical Sciences
Year	1º Course
ECTS	6 Credits ECTS
Credit type	Mandatory
Language(s)	Spanish/English
Delivery mode	Presential
Semester	Second Semester
Academic year	2024-25
Coordinating professor	Eva González Tocado y Blanca Cèline de las Heras Vercher

2. PRESENTATION

Students receive information related to dental nomenclature and terminology, the most common diseases in oral cavity, treatments, concepts of instrumental and basic dental equipment, risk prevention, systems of hygiene disinfection and sterilization, and ergonomic concepts.

3. COMPETENCES AND LEARNING OUTCOMES

Core competences:

CB1. That students have demonstrated to possess and understand knowledge in an area of study that starts from the base of general secondary education, and is usually found at a level that, although supported by advanced textbooks, also includes some aspects that imply knowledge coming from the vanguard of his field of study.

CB2. That students know how to apply their knowledge to their work or vocation in a professional manner and possess the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.

CB4 That students know how to transmit information, ideas, problems and solutions to a specialized and non-specialized public.

CB5. That the students have developed the necessary learning skills to undertake later studies with a high degree of autonomy.

Cross-curricular competencies:

CT1. Autonomous learning: a process that allows the person to be the author of their own development, choosing the paths, strategies, tools and moments that they consider most effective to learn and implement independently what they have learned. The autonomous student, in short, selects the best strategies to achieve their learning objectives.

CT3. Ability to adapt to new situations: Be able to work under different conditions, different people, and in different groups. It involves assessing and understanding positions, adapting one's approach as the situation requires.

CT7. Awareness of ethical values: ability to think and act according to universal principles based on the value of the person that are directed to their full development and that entails the commitment with certain social values.

CT9. Skills in interpersonal relationships: Interacting positively with other people verbally and nonverbally through assertive communication, understood by this, the ability to express or convey what you want, what you think or feel without bothering, assault or hurt the feelings of the other person.

CT10. Initiative and entrepreneurial spirit: preference for assuming and carrying out activities. Ability to undertake difficult or hazardous actions with resolution. Ability to anticipate problems, propose improvements and persevere in their achievement.

General competences

CG1. Know the essential elements of the dentist profession, including ethical principles and legal responsibilities.

CG3. Know how to identify the patient's concerns and expectations, as well as communicate effectively and clearly, both orally and in writing, with patients, family members, the media and other professionals.

CG7. Promote autonomous learning of new knowledge and techniques, as well as motivation for quality.

CG8. Know how to share information with other health professionals and work as a team.

CG13. Understand and recognize the sciences of essential biomaterials for dental practice, as well as the immediate management of possible allergies to them.

CG17. Understand and recognize the principles of ergonomics and safety at work (including the control of cross infections, radiation protection and occupational and biological diseases).

Specific competences:

SC6. Know the scientific principles of sterilisation, disinfection, and antisepsis necessary to prevent cross-infection in dental practice.

SC13. Handle, discriminate and select appropriate materials and instruments in Dentistry.

SC14. Know dental biomaterials: their handling, properties, indications, allergies, biocompatibility, toxicity, waste disposal and environmental impact.

SC17. Apply the principles of ergonomics in dental work, both individually and within the work team where appropriate, as well as in the principles of occupational risk prevention associated with dental practice.

Learning outcomes:

- **RA1**

Understand basic dental terminology.

- **RA2**

Apply the most common dental nomenclature

- **RA3**

Understand the importance of dental caries and periodontal disease, as the disease of the tooth that produces the most tooth loss.

- **RA4**

Distinguish between the different types of treatments that try to keep the teeth in their dental arches.

- **RA5**

Differentiate the main dental equipment and instruments that are more frequent and widely distributed, both in the clinic and in the laboratory.

- **RA6** Identify and know how to prevent physical, chemical, biological and mental risks derived from actions in the field of dentistry

- **RA7**

Make understand and apply the different measures and means of prevention in the dental clinic

- **RA8**

Understand the main principles and values derived from the ergonomic discipline in its application in dentistry.

- RA9

Understand and apply the B.H.O.P. in all its pre-clinical and laboratory activities.

- RA10

Create ergonomic work habits and prevent illness and accidents at work

- RA11

Know the best positions for the different types of approach to the patient's dental arches

- RA12

Encourage and facilitate work with the health team staff

The following table shows the relationship between the competencies developed during the course and the learning outcomes pursued:

Competences	Learning outcomes
CB1-CB2-CB4-CB5 CT1- CT7-CT10-CE13	RA1, RA8, RA9
CG7-CG8-CG1-CG3- CG7-CG8 CB1-CB3-CB4-CB5 CT1-CT3- CT7-CT10 CE17-CE14- CE13	RA2, RA6, RA7, RA9, RA10
CB1-CB2-CB4-CB5 CT1-CT3-CT7-CT9- CT10 CE7-CE17	RA3, RA11, RA12
CG1-CG3-CG7- CG8 CB1-CB2-CB4-CB5 CT1-CT3-CT7-CT9- CT10 CE13-CE17	RA4, RA5, RA8, RA10

4. CONTENT

1. Introduction to the subject.
2. General introduction to dental caries
3. General introduction to periodontal disease
4. Introduction to the main dental rehabilitation procedures
5. Basic clinical Instrumental
6. Clinical Equipments
7. Concept of dental laboratory

8. Introduction to the risks and prevention in dental work I
9. Chain of Hygiene --- disinfection and sterilization of instruments in the dental clinic
10. Introduction to the risks and prevention in dental work II
11. Treatment of wastes originated in the dental work
12. Introduction to Ergonomics in dentistry
13. Introduction to working positions in dentistry
14. Introduction to planning and standardization of dental procedures
15. Teamwork in the dental clinic I
16. Teamwork in the dental clinic II

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies used are indicated below:

- Simulation environments
- Master class
- Cooperative learning
- Problem-based learning (PBL) Asynchronous virtual master classes

6. LEARNING ACTIVITIES

Listed below are the types of learning activities and the number of hours the student will spend on each one:

Campus-based mode:

Learning activity	Number of hours
Master classes	22,5h
Lab practices	25h
Problems resolution	12,5h
Tutorial classes	5h
Written activities	7,5h
Knowledge test	2,5h
TOTAL	75h

Online mode:

Learning activity	Number of hours
Self-study and working	72,5 h
Asynchronous virtual master classes	2,5h
TOTAL	75h

7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Campus-based mode:

Assessment system	Weight
Knowledge Test	35%
Practices in lab	35%
Oral Activities	10%
Written activities	10%
Simodont	5%
Competencies	5%

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

To pass the course in the first exam period, you must obtain a final course grade of at least 5 out of 10 (weighted average).

7.1.1 Theory

To pass the subject in the ordinary call, both the theoretical knowledge tests and the practical knowledge tests must have been passed, with a grade greater than or equal to 5 (out of 10), separated. The final average will not be done if both parts are not approved.

Mandatory requirements:

- The final theory exam will be done through a multiple-choice test at the end of the semester and may include questions aimed at the visual identification of images.

- This exam will consist of 40 multiple-choice questions (4 answers with only one correct answer). Correct answers will add 1-point, wrong answers will deduct 0.33 points and blank answers will score 0. There will be 4 reserve questions with the same conditions as the official ones.
- It is mandatory to answer 80% of the exam questions in order to pass the subject.
- The date of the final exam will be scheduled from the beginning of the course.
- Theoretical activities are not recoverable, since they do not prevent the continuous evaluation of the theoretical part carried out by the student and they only suppose additional marks to the final grade of the subject.
- The written activities will be carried out only in a pre-sectoral way, requiring a minimum of 8 of the 12 exercises that will be carried out throughout the course (the student will be able to recover only 2 activities on the recover practice day in the ordinary call). If this criterion is not met, they will recover during the follow-up period.

7.1.2. Practices

The evaluation of the practices will be carried out periodically after each thematic block by means of rubrics.

To pass the section of the practices of the subject, it is necessary to obtain a 5 (out of 10).

Mandatory requirements:

- Attendance at practices is mandatory and those students who accumulate 3 or more ABSENCES even if they are justified (JUSTIFICATION ONLY IN SPANISH AND/OR ENGLISH) will lose the score of their Practical Continuous Evaluation.
- The Simodont practice and the Simulated Hospital are recoverable through a written activity.
- The global note of practices must be higher or equal than 5 (approved). If one of the grades of the practices is 3 or less, it is mandatory to assist on the recovery practices date, regardless of the final average.
- If the student does not pass the practices, she/he will not be able to pass the subject. If the Theory is failed and not the Practices, or the opposite, only the approved part will be kept until the extraordinary call in July, and only the failed part must be examined. The note will not be saved from one course to another.
- Two evaluable practices/activities not carried out, whether justified or not, may be recovered in the recovery session established within the ordinary call. Three or more evaluable practices/activities not carried out, whether justified or not, may be recovered in the recovery session established in the extraordinary call (under teachers' assessment).
- However, if the reason for recovery is an overlap in day and time with an exam of another subject of the Degree in Dentistry, the recovery of the evaluable practice/activity will be carried out based on the availability of the subject.

7.2. Second exam period

To pass the course in the second exam period, you must obtain a final grade of at least 5 out of 10 (weighted average).

The student must deliver the activities not successfully completed in the first exam period after having received the corresponding corrections from the professor, or those that were not delivered in the first place.

The Simodont and Simulated Hospital practice will be recoverable by a written activity.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable activities	Deadline
PRESENTATION-TEACHER	28 January
1 TOPIC-TEACHER	4 February
12-13 TOPIC -TEACHER	11 February
2-4 TOPIC- TEACHER	18 February
VIAJE A MARTE	25 February
3 TOPIC- TEACHER	4 March
14-15 TOPIC- TEACHER	11 March
16 TOPIC TEACHER	18 March
6 TOPIC- TEACHER	25 March
5 TOPIC TEACHER	1 April
9- TOPIC TEACHER	8 April
CLASS (EASTER HOLIDAY)	15 April
8- TOPIC TEACHERNO	22 April
7-10 TOPIC TEACHER	29 April
11- TOPIC- STUDENTS: GROUPAL ACTIVITY FACE TO FACE	6 May
ORAL ACTIVITIES (FACE TO FACE) STUDENTS	13 May
ORAL ACTIVITIES (FACE TO FACE) STUDENTS TUTORIALS	20 May
FINAL EXAM	No due date (May or June)

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

9. BIBLIOGRAFÍA

The recommended Bibliography is:

- Lozano De Luaces. V. Control de las infecciones cruzadas. Ed Avances Médico Dentales S.L. Madrid 2000.
- . - Manual de Odontología 2º Edición Masson. Barcelona. 2008
- . - Dorland. Diccionario enciclopédico ilustrado de Medicina. ·30 º Ed. Elsevier España S.A. Madrid 2005
- . - Diccionario Terminológico de Ciencias Médicas 13º Edición Ed Elsevier – Masson. Barcelona 1992
- . - Llena Puy C. Cuadernos de Clínica Dental nº2 Instrumental e Instrumentación en Odontología Conservadora y Endodoncia. Ediciones Especializadas Europeas S.A. Barcelona. 2009.
- . - Bartolomucci Boyd LR., Instrumental odontológico. Guía Práctica. 3º Ed. Ed Elsevier Saunders. Barcelona 2009.
- . - Bascones A. Tratado de Odontología. Ed Smith Kline Beecham. Madrid 1998.

10. DIVERSITY MANAGEMENT UNIT

Students with specific learning support needs:

Curricular adaptations and adjustments for students with specific learning support needs, in order to guarantee equal opportunities, will be overseen by the Diversity Management Unit (UAD: Unidad de Atención a la Diversidad).

It is compulsory for this Unit to issue a curricular adaptation/adjustment report, and therefore students with specific learning support needs should contact the Unit at unidad.diversidad@universidadeuropea.es at the beginning of each semester.

11. ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the “surveys” section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.

REGULATIONS FOR THE ASSESSMENT OF ACCREDITED UNDERGRADUATE DEGREES AT UNIVERSIDAD EUROPEA DE MADRID

CHAPTER I. COURSE ASSESSMENT SYSTEM FOR ACCREDITED UNDERGRADUATE DEGREES

Article 1 - 4. Continuous assessment

Students taking campus-based studies are required to demonstrate that they have attended at least 50% of their classes. Such attendance forms an essential part of the assessment process and is necessary to give the student the right to receive guidance, assistance and academic supervision from the professor.

For such purposes, students must use the technological system put in place by the University to accredit their daily attendance at each of their classes. This system shall furthermore ensure that objective information is gathered regarding the active role of the student in the classroom.

The failure to use the methods proposed by the University to demonstrate 50% attendance will give the professor the right to grade the course as a fail under the ordinary exam period. The foregoing does not affect other requirements of higher attendance percentages that each school may establish in their teaching guides or internal regulations.

Therefore, it is the authority of the professor that students who have not fulfilled the 50% of attendance in the ordinary call must pass all the evaluation tests in the extraordinary call, for which they must obtain a grade greater than or equal to 5.0 out of 10.0 in all of them (Faculty Board 11-07-23).

Article 6 - 12. Final grades

Any student that uses or benefits from unlawful means during an evaluation test or that unduly attributes the author of the academic work required for the assessment will be graded as a "fail" (0) and may similarly be the object of a sanction, subject to the opening of disciplinary proceedings.

In the case of the Final Graduation Project, the plagiarism or the lack of originality of the project, will automatically be graded as a "fail" (0) in the corresponding course in both ordinary and extraordinary periods. Likewise, the student will lose their status as a student during six months according with the General Standards for Graduation Projects and Master's Thesis in its Article 5.

https://universidadeuropea.com/resources/media/documents/6_Reglamento_evaluacion_titulaciones_oficiales_grado_UEM_v2.pdf