

Academic Year/course: 2022/23

## 29322 - Conservative Odontology I

### Syllabus Information

**Academic Year:** 2022/23

**Subject:** 29322 - Conservative Odontology I

**Faculty / School:** 229 - Facultad de Ciencias de la Salud y del Deporte

**Degree:** 442 - Degree in Odontology

**ECTS:** 6.0

**Year:** 3

**Semester:** First semester

**Subject Type:** Compulsory

**Module:**

## 1. General information

## 2. Learning goals

## 3. Assessment (1st and 2nd call)

### 3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

**The student must demonstrate that obtained the expected learning results through the following evaluation activities:**

There are 2 options.

#### **OPTION A**

- Regular attendance at theoretical lectures and debates with active participation in them (contributions, suggestions, questions, challenges, etc.).
- Compulsory attendance at practical classes and active participation.
- Individual work (practice notebook).
- Group work on a specific topic assigned by the Teachers.
- Theoretical written exam (development questions and single answer test type).
- Practical test.
- Voluntary individual work.

Attendance at practical sessions is compulsory to pass the exam and includes a notebook that will include all the tasks developed in them. 3 excused absences are admitted. The student who misses more than 3 justified practical classes has to pass a final practical test of the subject.

**CONCEPTUAL BLOCK:** Theoretical part (40%)

- Individual written test (30%). This examination will consist of 40 test questions of 5 items and a single correct answer with a value of 0.25 points each;
- Group work on topics to be specified by the Teachers (10%).

**PROCEDURAL BLOCK:** Practical part (60%). The rating of this section is distributed as follows:

- 40% Assessment of practical activities carried out, attendance at practices and seminars (active participation in sessions and seminars);
- 20% Assessment of the portfolio (practice notebook).

Those students who wish to do so may carry out a voluntary individual written assignment that may raise the final grade for the course by up to 1 point. The previous sections have to be approved separately.

#### **OPTION B**

Those students who cannot meet the criteria required in OPTION A (EXAMPLE: in case of non-attendance more than 3

practical classes), will automatically be evaluated in OPTION B.

CONCEPTUAL BLOCK: Theoretical part (50%): Written test (same format as OPTION A).

PROCEDURAL BLOCK: Final practical exam of the whole subject (50%).

#### **FINAL MARK:**

- The final date for handing in portfolios (Practice Books) and monographic assignments will be 15 days before the date of the exam (up until 13:00h). Work handed in after this date will not be accepted. Should the aforementioned date coincide with a non-working day, the deadline will be the first school day after the non-working day
- In regards to the final mark, both blocks need to be passed separately, to then be averaged (5 will be considered a pass mark).
- The formal guidelines for presentation expressed in class and duplicated in writing must be followed for all written work handed in (except when expressly written to the contrary).
- The marks will be published all at the same time, with no individual marks released prior to this time.
- The grading system will be carried out according to the current legislation.

## **4. Methodology, learning tasks, syllabus and resources**

### **4.1. Methodological overview**

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, seminars, assignments, tutorials, and autonomous work and study.

### **4.2. Learning tasks**

This course is organized as follows:

- Lectures
- Assignments. Individual and in groups
- Tutorials
- Seminars and workshops
- Pre-clinical practice sessions

### **4.3. Syllabus**

This course will address the following topics:

#### **Section I. DENTAL PATHOLOGY**

- Topic 1. Generalities of the Topic. Terminology. Reminder of Histology and Dental Anatomy. Dental physiology. Defensive dental processes.
- Topic 2. The dental anomalies.
- Topic 3. Caries: Definition, physiopathology and etiology.
- Topic 4. Caries: Classification and diagnosis. Treatment and prevalence.
- Topic 5. Dental destructive processes.
- Topic 6. The dental resorption.
- Topic 7. Colorations and dental stains.

#### **Section II. OPERATIVE DENTISTRY**

- Topic 8. Generalities in Operative Dentistry. Diagnosis, clinical history and treatment planning.
- Topic 9. Instrumentation in Operative Dentistry and preparation of operative field (absolute and relative isolation).
- Topic 10. General concepts in the preparation of cavities. Selection of the restoring material.
- Topic 11. Direct restorations with composite resin. Properties of resin materials. Preparation of cavities for composite resin. Matrices for composite resin. Filling technique and polymerization technique. Polishing of composite resins.
- Topic 12. Restorations of Class I in composite resin. Obturation technique. Insertion and polymerization.
- Topic 13. Restorations of Class II in composite resin. Obturation technique. Insertion and polymerization.
- Topic 14. Direct restorations with other materials: Glass ionomer cements.

#### **Preclinical practice sessions**

- 1. Dental anatomy. Review of dental anatomy.
- 2. Instruments in Operative Dentistry.

- 3. Isolation of the operating field (2 sessions).
- 4. Class I Restorations with composite resin (2 sessions).
- 5. Class II restorations with composite resin (2 sessions).

#### **4.4. Course planning and calendar**

- Lectures: Classroom 1 or 2
- Preclinical Practice: Dental Laboratory Materials
- Clinical practice: Dental Clinic
- Seminars: Classroom 1 or 4 (to be confirmed in advance)

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health and Sports Sciences website and Moodle.

#### **4.5. Bibliography and recommended resources**

To consult the bibliography and recommended resources, you must access the *Recommended Bibliography* link.