

## 29332 - Prosthesis III

### Syllabus Information

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**Academic Year:** 2020/21

**Subject:** 29332 - Prosthesis III

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

**Degree:** 442 - Degree in Odontology

**ECTS:** 6.0

**Year:** 4

**Semester:** First semester

**Subject Type:** Compulsory

**Module:** ---

## 1.General information

### 1.1.Aims of the course

### 1.2.Context and importance of this course in the degree

### 1.3.Recommendations to take this course

## 2.Learning goals

### 2.1.Competences

### 2.2.Learning goals

### 2.3.Importance of learning goals

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

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

## 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, practice sessions, and group work.

According to guidelines of the University of Zaragoza for the 2020/21 academic year, lectures will be conducted telematically or previously recorded and posted on the enabled this platform.

### 4.2.Learning tasks

This course is organized as follows:

- **Lectures:** during the course development, lectures will be held with student participation. Dialogue, questions, and problems will be posed for deeper learning. For the exposition of the topics, PowerPoint presentations will be used.
- **Seminars:** Theory-practice based.
- **Practice sessions:** A compendium of practical activities will be done in the preclinic laboratory. These activities will bring the student closer to the clinic daily basis. Assistance and portfolio presentations are mandatory.
- **Group work:** Several topics will be given by the professor; the student will elaborate an essay based on bibliography and evidence-based dentistry. All the student's homework will have a public presentation.

### 4.3.Syllabus

This course will address the following topics:

**Theory:**

- Topic 1: Fixed prostheses: concept, history, indications, and contraindications. Glossary terms.
- Topic 2: Full metal crowns
- Topic 3: Porcelain fused to metal crowns
- Topic 4: Root retainers
- Topic 5: Full ceramic restorations
- Topic 6: Porcelain types.
- Topic 7: Porcelain veneers
- Topic 8: Bridge design
- Topic 9: Fixed prostheses pontic
- Topic 10: Fixed prostheses connectors
- Topic 11: Gingival retraction. Impression taking
- Topic 12: Transitional prostheses. Provisional rehabilitation.
- Topic 13: Esthetic Analysis: Facial, dentolabial, phonetic and dentogingival analysis.

**Practice**

- 1- Tooth preparation: Preparations for metal crowns, porcelain fused to metal crown, and all-ceramic crowns.
- 2- Vener preparation
- 3- Gingival retraction and impression taking

**4.4.Course planning and calendar**

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.

Degree website: <https://fccsyd.unizar.es/odontologia/grado-odontologia>

**4.5.Bibliography and recommended resources**

**BIBLIOGRAFÍA BÁSICA- BASIC BIBLIOGRAPHY**

- Fundamentos esenciales en prótesis fija / Herbert T. Shillingburg...[et al.] . 3a ed., 2ª reimp. Barcelona [etc.] : Quintessence, 2006.
- Shillingburg, Herbert T.. Principios básicos en las preparaciones dentarias para restauraciones de metal colado y de cerámica / Herbert T. Shillingburgh, Richard Jacobi, Susan E. Brackett ; traducción, Jorge Samsó Manzanedo ; revisión científica, María Paire Ardèvol. . Barcelona[etc.] : Quintessence, D.L. 2000.
- Magne,Pascal. Restauraciones de porcelana adherida en los dientes anteriores: método biomimético / Pascal Magne, Urs Belse. Barcelona : Quintessence, 2004
- Misch, C.E.. Prótesis Dental Sobre Implantes. Madrid : Elsevier, 2006

**BIBLIOGRAFÍA COMPLEMENTARIA- SUPPLEMENTARY BIBLIOGRAPHY**

- Kina, Sidney. Invisible : restauraciones estéticas cerámicas / Sidney Kina, August Bruguera.. Buenos Aires : Editorial Medica Panamericana, 2011