

Academic Year/course: 2022/23

## 69723 - Interdisciplinary seminar

### Syllabus Information

**Academic Year:** 2022/23

**Subject:** 69723 - Interdisciplinary seminar

**Faculty / School:** 110 - Escuela de Ingeniería y Arquitectura

**Degree:** 633 - Master's Degree in Biomedical Engineering

**ECTS:** 3.0

**Year:**

**Semester:** Second semester

**Subject Type:** Optional

**Module:**

### 1. General information

### 2. Learning goals

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

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

#### 4.1. Methodological overview

The methodology followed in this course is oriented towards achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as seminars, practice sessions, active participation, assignments, and discussions (course contents and Master's dissertations).

#### 4.2. Learning tasks

The course includes the following learning tasks:

- A01 Lectures (20 hours). Most of the seminars will be taught by visiting professors during these sessions.
- A03 Laboratory sessions (4 hours). Laboratory practice sessions are included in any of the seminars.
- A04 Special sessions (6 hours). Some of the scheduled activities include visits to certain services and external laboratories (University Hospital, U. Hospital Miguel Servet, Center for Biomedical Research of Aragon). If in extraordinary conditions, these activities could not be performed, they will be substituted by seminars.
- A05 Autonomous work. Time devoted to preparing seminars, do the activities proposed therein, and do the course assignment.

#### 4.3. Syllabus

The syllabus changes from year to year. Each seminar session will last between 1 and 2 hours, which range from short seminars of one single session to intensive courses of several sessions.

In addition to seminars taught by leading researchers, there will be scheduled other seminars that allow better knowledge of the biomedical engineer work (in a research group, in a hospital, in a company) and the acquisition of transversal skills (eg, how to present a scientific paper).

#### 4.4. Course planning and calendar

All seminar sessions will be announced in advance through the Moodle platform.

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 EINA website.

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

Specific material will be provided for each seminar.