

60797 - Internships 1

Syllabus Information

Academic Year: 2020/21

Subject: 60797 - Internships 1

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 532 - Master's in Industrial Engineering

ECTS: 6.0

Year: 2

Semester: First semester

Subject Type: Optional

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 achievement of the learning objectives. It is based on an active methodology in which the students participates in the activities of the internship entity. In this way, the student assumes an active role in his/her training through personal research, direct contact with reality, and experiences as part of a work group. All of this encourages:

- A strong motivation for the student
- A gradual increase in confronting difficulty
- A connection between theoretical abstraction and practical reality
- Self-detection of errors
- Personal student autonomy
- Acquisition of abilities and skills for information search and for research

4.2.Learning tasks

The course includes the following learning tasks:

- Activities carried out during the internship itself (during working time, adapted to the circumstances of the collaborating entity and of the student)
- Follow-up by the internship tutor

- Personalized tutoring sessions with the academic supervisor
- Autonomous work of the student for the elaboration of an intermediate report, a final report and a presentation

4.3.Syllabus

The schedule for the internship shall be established in consensus between the collaborating entity and the academic supervisor. It shall be detailed in the Formative Project, following the instructions of section 3.2.

In accordance with current regulation, the internship shall be assessed as 25 hours per academic credit, up to a maximum of 500 hours of internships per academic year.

Notwithstanding its duration, and in accordance with the Master's verification report, the internship courses offered for enrolment and evaluation as part of this degree are:

Code	Name	Workload (duration)
60797	Prácticas externas 1	6 ECTS (150 hours)
60798	Prácticas externas 2	6 ECTS (150 hours)
60799	Prácticas externas 3	6 ECTS (150 hours)
60795	Prácticas externas 4	12 ECTS (300 hours)
60796	Prácticas externas 5	18 ECTS (450 hours)

Notes:

1. *These codes allow for different enrolment scenarios that can occur depending on whether internships are carried out once, or during different academic years, or during different moments along the same academic year.*
2. *Courses with identical workload shall be enrolled consecutively.*

4.4.Course planning and calendar

Optional internship courses corresponding to this Master's program can total a maximum of 18 ECTS (450 hours), following instructions of section 5.3.

The distribution of the workload shall be agreed between the collaborating entity and the student. As a guideline, it should consider the following activities:

- On-site work in the collaborating entity where the internship is carried out,
- Personalized student-academic supervisor tutoring sessions,
- Evaluation tests, presentation and defense of the report,
- Autonomous work by the student for the elaboration of an intermediate report, a final report and a presentation.

The calendar of activities to be carried out during the internship shall also be agreed between the collaborating entity and the student, and with the approval of the academic supervisor, depending on the formative project.

4.5.Bibliography and recommended resources