

Syllabus Information

Academic year: 2024/25

Subject: 66436 - Internships 1

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 536 - Master's in Mechanical Engineering

ECTS: 4.5

Year: 1

Semester: **Subject type:** Optional

Module:

1. General information

External internships are a training activity included in the curriculum of the degree within the optional module.

The objectives to be achieved are:

- To contribute to the comprehensive education of students, complementing their theoretical and practical learning.
- To facilitate the knowledge of the work methodology adequate to the professional reality in which the students will have to work, contrasting and applying the acquired knowledge.
- To encourage the development of technical, methodological, personal and participatory skills.
- To obtain practical experience that facilitates insertion into the labour market and improves the student's future employability.
- To encourage the values of innovation, creativity and entrepreneurship.

These objectives are aligned with the Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda. The most frequent SDGs to which the subject contributes appear in section 6 of this guide.

Please consult the EINA website: <https://eina.unizar.es/info-profesion>.

2. Learning results

1. To be able to apply the theoretical knowledge acquired, putting it into practice in the development of a work outside the educational field, supervised, directed and linked to the exercise of the activity in an appropriate professional environment (public or private).
2. To be able to honour the commitments acquired with the collaborating entity and with the university in relation to the external internship.
3. To be able to write, in an adequate and systematic way, a report of activities (final report of the internship) that reflects the proposed and achieved objectives, as well as a detailed description of the activities carried out.
4. To be able to present the final report of the internship to the academic tutor and to hold, if necessary, a discussion in which, among other issues, the contents, methodology and clarity are addressed.
5. To be able to establish the relationship between the contents of the degree and the work performed, taking into account the general and specific competences as well as the skills and attitudes developed.
6. To be able to carry out a reasoned evaluation of the activities and the processes linked to them and to formulate proposals for improvement.
7. To know and demonstrate ability to perform professional tasks in the field of the master's degree.

3. Syllabus

The internship program will be established by agreement with the collaborating entity and the academic tutor, and will be included in the training project that will be subscribed through Universa and managed by the EINA Secretariat.

In application of the current regulations, the internship will be worth 25 hours per credit. According to the provisions in the verification report of the master's in mechanical engineering and in accordance with its duration, the subjects of external academic practices offered for enrolment and evaluation in this degree are as follows:

- 66436 Internships I: 4.5 ECTS credits (minimum 112.5 hours)
- 66437 External internships II: 4.5 ECTS credits (minimum 225 hours)

4. Academic activities

The learning activities included in the external academic internship are the following:

- The activities developed during the internship itself (working day adapted to the circumstances of the collaborating

entity and the student).

- Follow-up by the academic tutor and the tutor of the collaborating entity.

5. Assessment system

The student must prove they have achieved the learning results foreseen in the training program through the successful completion of following assessment activities:

- Meetings held between the academic tutor and the student.
- Final report of the internship, carried out and delivered by the student, according to [EINA's guide](#), which will include its final evaluation of the practice.
- Presentation and defence of the report before the academic tutor.
- Assessment report by the tutor at the collaborating entity

The academic tutor will assign a graded based on the mentioned assessment activities and according to the following weighing :

1. Assessment of the tutor in the collaborating entity, 50%.
2. Degree of achievement of the objectives of the internship training project, 25%.
3. Content and quality of the final report of the internship and its presentation and defence, 25%.

6. Sustainable Development Goals

9 - Industry, Innovation and Infrastructure
12 - Responsible Production and Consumption
17 - Partnerships for the Goals