

**COURSE DATA****DATA SUBJECT**

Code: 45008
Name: Internship
Cycle: Master's Degree
ECTS Credits: 6
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2250 - Master's Degree in Environmental Engineering	Escola Tècnica Superior d'Enginyeria	2	Indefinite (Individuals)

SUBJECT-MATTER

Degree	Subject-matter	Character
2250 - Master's Degree in Environmental Engineering	Pràctiques externes	INTERNSHIPS

COORDINATION

MARTI ORTEGA NURIA

SUMMARY

Academic tutor at the UPV: Joaquín Serralta Sevilla

External Internships is an optional subject in the second year of the Master's in Environmental Engineering. The External Internships aim to:1. Get in touch with working, professional and/or research life.2. Solve problems related to environmental engineering applying the knowledge acquired.3. Acquire the ability to work in a team.4. Make decisions based on the knowledge acquired

The Academic Commission of the Master, together with the academic tutors of the UV and UPV practices, is in charge of maintaining a pool of places that are offered to students based on the chosen specialty: - WWTP Management - Environmental Management in Engineering Civil - Environmental Management in Industry. Students also have the option of proposing the place of stay to the academic tutor, who will evaluate the activity of the company/organization, as well as the tasks to be carried out, in order to establish their relationship with the field of environmental engineering.

In this subject, students will carry out a minimum of 120 hours of internships in a company, institution or research center, in addition to 30 hours of individual work to carry out a detailed report of the work carried out.

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PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

COMPETENCES / LEARNING OUTCOMES

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Carry out tasks in the field of environmental engineering that synthesise and integrate the knowledge and skills gained in the master's degree course.

Identify, formulate and solve complex environmental engineering problems by applying engineering, scientific and mathematical principles.

Learn and apply new knowledge, using appropriate learning strategies.

Recognise the ethical and professional responsibilities of environmental engineering and make informed judgements considering the impact of engineering solutions in global, economic, environmental and social contexts.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.

Students should demonstrate self-directed learning skills for continued academic growth.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

Work in a team effectively and with leadership, in a collaborative and inclusive environment, setting goals, planning tasks and meeting objectives.

DESCRIPTION OF CONTENTS



1. Carrying out internships in a company, institution or research center.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at the internship centre	120,00
Attendance at supplementary activities	0,00
Monitoring and tutoring of internships	0,00
Total hours	120,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent study and work	0,00
Preparation of supplementary reports	0,00
Preparation of the internship report and evaluation of the internship	30,00
Total hours	30,00

TEACHING METHODOLOGY

Consists in:

- External internships: During the internships, the student will apply the concepts and skills acquired during the master's degree. The work plan in the company/institution must be in accordance with the student's specialty (WWTP Management, Environmental Management in Industry or Environmental Management in Civil Engineering). Specifically, the WWTP Management specialty is required to carry out internships in a WWTP performing tasks as deputy plant manager.
- Elaboration of individual works: It will consist of the realization of a memory of practices that reflects the work carried out. This task will be carried out individually, promoting the autonomous work of the student. The student will be provided with an orientation script for carrying out the report.

The e-learning platform (Virtual Classroom of the University of Valencia and/or PoliformaT of the Polytechnic University of Valencia) will be used as support for communication with students.

EVALUATION

The evaluation of the external internships will be carried out through a memory in which the student will present the work carried out, which represents 90% of the grade, and the assessment surveys filled out by the company tutor, which represents 10%. remaining. To prepare the report, students will be provided with



an orientation script based on the chosen specialty.

In any case, the assessment system will be governed by the provisions of the Assessment and Qualification Regulations of the University of Valencia for Grau and Màster degrees (<http://links.uv.es/7S40pjF>).

Copying or plagiarism of any activity that is part of the evaluation will result in the impossibility of passing the course, and the student will then be subject to the appropriate disciplinary procedures indicated in the ACTION PROTOCOL FOR FRAUDULENT PRACTICES AT THE UNIVERSITY OF VALENCIA ([ACGUV 123/2020](#)).

There is the possibility of requesting recognition of this subject by proving a minimum work or professional experience of 6 months (or 960 hours) in the development of activities related to the profession of Environmental Engineer. These recognized credits will not have a numerical grade and, therefore, cannot be used when evaluating the student's file (RD 822/2021).

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REFERENCES