COURSE DATA

Data Subject	
Code	43827
Name	External internships
Cycle	Master's degree
ECTS Credits	6.0
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. year	Period
2227 - M.U. en Ingeniería Ambiental	School of Engineering	2	Annual

Subject-matter

Degree	Subject-matter	Character
2227 - M.U. en Ingeniería Ambiental	9 - External internships	External Practice

Coordination

Name	Department
MARTI ORTEGA, NURIA	245 - Chemical Engineering

SUMMARY

Academic tutor at the UPV: Joaquín Serralta Sevilla

External Practices is a subject of the second year of the Master's Degree in Environmental Engineering.

The External Practices have the following objectives:

1. Take contact with work, professional and / or research life.

2. Solve problems related to environmental engineering by applying the knowledge acquired.

3. Acquire the ability to work as a team.

4. Make decisions based on the knowledge acquired

The Academic Committee of the Master, together with the academic tutors of practices of the UV and UPV, is responsible for maintaining a bag of places that are offered to students according to the chosen specialty:-

- Supervision of WWTP

- Environmental Management in Civil Engineering

- Environmental Management in the Industry

The students also have the option of proposing the place of the stay to the academic tutor, who will evaluate the activity of the company, as well as the tasks to be carried out, in order to establish its relationship with the field of environmental engineering.

In this subject the students will make a total of 120 hours of practice in a company, institution or research center, in addition to 30 hours of individual work for the realization of a detailed report of the work done.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

No restrictions.

OUTCOMES

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- Students can apply the knowledge acquired and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
- Students are able to integrate knowledge and handle the complexity of formulating judgments based on information that, while being incomplete or limited, includes reflection on social and ethical responsibilities linked to the application of their knowledge and judgments.
- Students can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences, clearly and unambiguously.
- Students have the learning skills that will allow them to continue studying in a way that will be largely self-directed or autonomous.
- Students have the knowledge and understanding that provide a basis or an opportunity for originality in developing and/or applying ideas, often within a research context.
- Identify and apply technologies, tools and techniques in the field of environmental engineering.
- Assume with responsibility and ethics the Environmental Engineer role in a professional context.
- Promote and apply the principles of sustainability.
- Adapt to changes, being able to apply the principles of Environmental Engineering to unknown cases and use new and advanced technologies and other relevant developments, with initiative and entrepreneurial spirit.
- Be able to organize their own work as well as the material and human resources necessary to achieve the objectives stated.
- Identify, declare and entirely analyze environmental problems.
- Evaluate the environmental quality of water from a global point of view, especially when there is a risk to public health.
- Evaluate the environmental quality of the air from a global point of view, especially when there is a risk to public health.
- Evaluate the environmental quality of soils from a global point of view, especially when there is a risk to public health..

LEARNING OUTCOMES

1 Take contact with work, professional and / or research life.

2 Solve problems related to environmental engineering applying the knowledge acquired.

3 Acquire the ability to work as a team.

4 Make decisions based on the knowledge acquired.

DESCRIPTION OF CONTENTS

1. Internship

WORKLOAD

ACTIVITY	Hours	% To be attended
Internship		100
Development of individual work	30,00	0
Internship	120,00	0
TOTAL	**150,00**	

TEACHING METHODOLOGY

Consists in:

- Realization of external internships:During the realization of the practices, the student will apply the concepts and skills acquired during the master. The work plan in the company / institution must be in accordance with the specialty that students are studying (Direction of WWTP, Environmental Management in Industry or Environmental Management in Civil Engineering).Specifically, the specialty of EDAR Management has as a requirement to carry out the internship in an EDAR, performing tasks as assistant plant manager.

- Preparation of individual works:It will consist in the realization of a practice report that reflects the work done. This task will be carried out individually, promoting the autonomous work of the student. The student will be provided with a guideline for the realization of memory.

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

EVALUATION

The evaluation of external practices will be carried out by means of a report in which the student will present the work done, which is 90% of the grade, and the assessment surveys filled out by the company's tutor, which is 10% remaining

In any case, the evaluation system will be governed by the provisions of the Regulation of Appraisal and Qualification of the Universitat de València per a títols de Grau i Màster (http://links.uv.es/7S40pjF)