

Work Placement

Code: 106535
ECTS Credits: 9

2024/2025

Degree	Type	Year
2500897 Chemical Engineering	OT	4

Contact

Name: Montserrat Sarra Adroguer
Email: montserrat.sarra@uab.cat

Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

Although it could be taken once the 120ECTS have been obtained it is highly recommended to do the internship after taking most of the 3rd year subjects

Objectives and Contextualisation

Give the students who are about to finish their degree the possibility to come into contact with the world of work. Apply own knowledge to assigned tasks in a company in the chemical sector (in the broadest sense)

Competences

- Apply one's knowledge when performing measurements, calculations, estimations, evaluations, assessments, studies, reports and other similar tasks.
- Communication
- Develop personal attitude.
- Develop personal work habits.
- Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
- Work in a team.

Learning Outcomes

1. Adapt to multidisciplinary and international surroundings.
2. Analyse data and measurements in the area of engineering to extract and comprehend information using statistical tools.
3. Assume social, ethical, professional and legal responsibility, if applicable, derived from professional exercise.
4. Be able to apply one's knowledge to the work of a company in the chemical sector (in the broadest sense), such as measurements, calculations, estimations, evaluations, assessments, studies, reports, task-planning and other similar jobs.

5. Communicate efficiently, orally and in writing, knowledge, results and skills, both professionally and to non-expert audiences.
6. Develop independent learning strategies.
7. Efficiently use ICT for the communication and transmission of ideas and results.
8. Generate innovative and competitive proposals in professional activity.
9. Identify, manage and resolve conflicts.
10. Maintain a proactive and dynamic attitude with regard to one's own professional career, personal growth and continuing education. Have the will to overcome difficulties.
11. Manage available time and resources. Work in an organised manner.
12. Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
13. Work autonomously.
14. Work cooperatively.
15. Work in complex or uncertain surroundings and with limited resources.

Content

This subject does not have its own theoretical content.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Doing a practical work	225	9	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

BEFORE STARTING THE PROTOCOL, THE STUDENT MUST HAVE A DIGITAL SIGNATURE (IDCAT, electronic DNI, ...)

The protocol to follow is the following:

- 1) the teacher publishes, throughout the course, in the subject space on the Virtual Campus, a certain offer from a company and specifies the deadline for the students to express their interest.
- 2) interested students express their interest through a FORMS questionnaire
- 3) the teacher makes the award of the companies among the interested students based on the average of the academic record and the passed credits or other requirements specifically requested by the company in question. The teacher assigns the practices for each student based on the previous prioritization. The teacher selects 3 students for each offer, if the company so requests.
- 4) the students contact the company, following the teacher's instructions, and if this is the case the company makes the final selection.
- 5) the student selected by the company writes the ACTIVITY PROPOSAL document that is published on the Virtual Campus and sends it to the teacher by e-mail

6) Once approved by the professor, especially the TASKS section, she sends it to Academic Management of the School of Engineering to draw up the University-Company agreement. From this moment on, the student can register for the subject and start doing the Internship.

For more details regarding the Virtual Campus consultation procedure or contact the teacher in charge.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continuous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Report and oral presentation	50 %	0	0	1, 3, 5, 6, 7, 10, 11, 13, 15
Tutor report from the company	50 %	0	0	2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15

Once the stay in the company is completed, the student must prepare a report according to the model published on the Virtual Campus and make an oral presentation to the rest of the colleagues who have taken the subject. If the company requests confidentiality of the data, this presentation is only made to the teacher and is not public.

The company tutor must send to the responsible professor the report by filling the template of the CV.

Bibliography

There is no conventional list of reference books

Software

MS office (word, excel, power-point)

Language list

Information on the teaching languages can be checked on the CONTENTS section of the guide.