UAB
Universitat Autònoma de Barcelona

Work Placement

Code: 103794
ECTS Credits: 9

2025/2026

Degree	Type	Year
Chemical Engineering	OT	4

Contact

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Teaching groups languages

You can view this information at the end of this document.

Prerequisites

Having completed all third-year subjects.

Objectives and Contextualisation

Give the possibility to students who are about to finish the degree to get in touch with the world of work. Application of the own knowledge to the tasks assigned in a company of the chemical sector (in the broad 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.

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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 contents

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Tutoring	2	0.08	11
Writing of the report	3	0.12	13
Type: Autonomous			
Realization of a practical work	220	8.8	1, 3, 5, 7, 8, 11, 9, 10, 4, 14, 13, 15

The protocol to follow is as follows:

1) Throughout the course, the professor publishes a specific company's offer in the course section of the Virtual Campus and specifies the deadline for students to express their interest.

2) Interested students express their interest through a link to a Forms questionnaire on the Virtual Campus and upload their academic transcripts.

3) The professor allocates candidates to the companies among the interested students based on their academic record average, credits passed, or other requirements specifically requested by the company in question. The professor selects three students for each offer, if requested by the company.

4) The selected students contact the company, following the professor's instructions, and, if applicable, the company makes the final selection.

5) The student selected by the company fills out their personal information in the ACTIVITY PROPOSAL document published on the virtual platform and sends it to the company for further information, especially the "tasks to be completed" section. The completed "activity proposal" document must be sent to the professor by email.

6) Once approved by the professor, especially the TASKS section, the document is sent to Academic Management of the School of Engineering so they can draft the University-Company agreement. From this point on, the student can begin the internship.

Once the internship at the company is complete, the student prepares a written report and gives an oral presentation to the other classmates who have taken the course. If the company requests confidentiality of the data, this presentation is made only to the professor and is not public.

For more details regarding the procedure, consult the virtual platform or contact the professor 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

Continous Assessment Activities

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

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 sent to the responsible professor the report by filling the template of the CV.

According to the coordination of the Degree and the direction of the School of Engineering this subject is not recoverable, due to its eminently practical nature.

Bibliography

There is no conventional list of reference books. However, the student is asked to consult the virtual campus to know details of the type of agreement, activity proposal form, and possibilities to extend the stay in the company through external non-curricular internships (UAB job board, Servei d'Ocupabilitat).

The power-point presentation made by the teacher at the informativa session about elegible subjects is also available to the student on the Virtual platform.

Software

MS Office (word, excel, power-point)

In this subject, the use of Artificial Intelligence (AI) technologies is permitted as an integral part of the development of the work, as long as the final result reflects a significant contribution of the student in the

analysis and personal reflection. The student will need to clearly identify which parts have been generated by this technology, specifying the components. and includes a critical reflection on how these have influenced the process and the final result of the activity

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this link. To consult the language you will need to enter the CODE of the subject.