

Work Placement

Code: 103684
 ECTS Credits: 9

Degree	Type	Year	Semester
2501915 Environmental Sciences	OT	4	0

Contact

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Use of Languages

Principal working language: catalan (cat)
 Some groups entirely in English: No
 Some groups entirely in Catalan: Yes
 Some groups entirely in Spanish: No

Prerequisites

There are no academic prerequisites to take this course. However, it is necessary to consider:

- It is recommended that the student who enrolls in this subject is finishing the degree because she/he will have taken optional subjects that will allow her/him to have more knowledge applicable to the External Internships.
- It is necessary to have time available to reconcile a work task outside the UAB with the ordinary academic year.

Objectives and Contextualisation

The main objective of this external intership is that students can put into practice the knowledge acquired during the degree and introduce the student into the world of work by offering a possible future path of employment. Environmental Sciences students may take the subject of External Internships in any of the Companies, Services or Institutes with which the Science Faculty establishes a collaboration agreement.

Competences

- Adequately convey information verbally, written and graphic, including the use of new communication and information technologies.
- Analyze and use information critically.
- Collect, analyze and represent data and observations, both qualitative and quantitative, using secure adequate classroom, field and laboratory techniques
- Demonstrate adequate knowledge and use the most relevant environmental tools and concepts of biology, geology, chemistry, physics and chemical engineering.
- Demonstrate adequate knowledge and use the tools and concepts of mathematics, computer science and statistics to analyze and manage environmental issues.
- Demonstrate adequate knowledge and use the tools and concepts of the most relevant social science environment.
- Demonstrate concern for quality and praxis.
- Demonstrate initiative and adapt to new situations and problems.
- Develop analysis and synthesis strategies regarding the environmental implications of industrial processes and urban management
- Develop communication strategies on environmental issues, including environmental risks

- Information from texts written in foreign languages.
- Integrate environmental information in order to formulate and test hypotheses.
- Integrate physical, technological and social aspects that characterize environmental problems.
- Learn and apply in practice the knowledge acquired and to solve problems.
- Quickly apply the knowledge and skills in the various fields involved in environmental issues, providing innovative proposals.
- Teaming developing personal values regarding social skills and teamwork.
- Work autonomously

Learning Outcomes

1. Adequately convey information verbally, written and graphic, including the use of new communication and information technologies.
2. Analyze and synthesize environmental implications in industrial and land management processes.
3. Analyze and use information critically.
4. Apply knowledge of any of the main areas of scientific disciplines in environmental professional activity.
5. Apply knowledge of any of the main areas of the social sciences in the environment to the professional activity.
6. Communicate environmental problems with proper attention to the problems of environmental risk and the relevant regulations in the fields of safety and environmental health.
7. Demonstrate concern for quality and praxis.
8. Demonstrate initiative and adapt to new situations and problems.
9. Identify processes sciences, life sciences and social sciences in the surrounding environment and evaluate them properly and originally.
10. Information from texts written in foreign languages.
11. Integrate environmental information with environmental knowledge acquired from the sequence of observation, recognition, synthesis and modeling.
12. Integrate environmental knowledge into practice.
13. Integrate the knowledge and skills acquired to solve problems arising in the professional field.
14. Learn and apply in practice the knowledge acquired and to solve problems.
15. Observe, recognize, analyze, measure and properly and safely represent environmental processes.
16. Prepare a report explaining the results obtained in carrying out professional work in the field of environmental sciences.
17. Teaming developing personal values regarding social skills and teamwork.
18. Work autonomously

Content

Each of the companies or external centres of the UAB where external internships can be carried out have different areas of work and therefore the contents of the internships will depend on the work that is carried out. Before starting an external internship it will be necessary for the student to have a work plan agreement with the company or centre detailing the tasks and contents of the work to be carried out. This work plan must be approved by the external internships coordinator in order to start the internship. Information on the necessary protocol to follow can be found on the Environmental Science Degree website.

Methodology

- The external intership can be carried out in either of the two terms of the course or during the summer.
- The students will be able to carry out the external intership in companies of the historical catalogue of companies of the degree of Environmental Sciences, companies that are looking for a student or companies with which the student has made a first contact.
- During the month prior to the intership, the student meets with the external intership coordinator. During this interview, the coordinator and the student agree on the company where the intership can be carried out.

- The student is interviewed by the contact person of the company, to whom he gives his personal curriculum and with whom he has to agree: the tasks to be carried out; the period, timetables and total dedication of the student. With this information, the company fills out and signs the "la fitxa del pla de treball". If there is no agreement, the student contacts the external internship coordinator to look for an alternative company.
- The student is interviewed by the external internship coordinator who, if he or she agrees with the work plan, completes and signs the agreement proposal. The student takes the proposal to the Oficina de Gestió Acadèmica that initiates the process of agreement.
- The student collects the agreement from the Oficina de Gestió Acadèmica once signed by both parties and performs the internship in the period agreed with the company. It must be taken into account that PRACTICES CANNOT BE INITIATED WITHOUT THE SIGNED AGREEMENT.
- Once the internship is over, the student will write a report, which must be presented according to the format and deadlines established by the external internship coordinator.
- Finally, the company tutor will carry out an evaluation according to the regulatory model (Model of the company's final report) which will be delivered within the established evaluation period in a sealed envelope.

* ALL THE INFORMATION AND DOCUMENTATION RELATING TO THE EXTERNAL INTERSHIPS ARE ON THE WEB OF THE ENVIRONMENTAL SCIENCE DEGREE:
<http://www.uab.cat/web/practiques-en-empresa-1334555679750.html>

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Supervised			
Directed activities in companies or centres	220	8.8	2, 3, 4, 5, 14, 6, 8, 7, 9, 12, 13, 15, 10, 17
Type: Autonomous			
Report redaction	5	0.2	16, 11, 1, 18

Assessment

The evaluation of the subject will be carried out on the basis of three concepts: an evaluation by the company tutor (60%), the final report of the internship given to the coordinator (30%) and the normalizing mark from the academic record (10%).

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
External internship evaluation	60%	0	0	2, 3, 4, 5, 14, 6, 8, 7, 9, 12, 13, 15, 10, 1, 17
Mark of the coordinator	30%	0	0	16, 18
Normalizing mark from the academic record	10%	0	0	11

Bibliography

There is no assigned bibliography.