

**Practicum**

Code: 101036  
ECTS Credits: 6

Degree	Type	Year	Semester
2500254 Geology	OB	4	A

**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**

As this is a fourth year degree's subject, any student who wants to enroll in the Practicum course must have a total of 120 credits approved.

Nevertheless, it is recommended to have completed the first three years of the Geology Degree before attempting this subject.

**Objectives and Contextualisation**

The Internship or Practicum is a training activity developed by the student and supervised by the Universities. Its goal is that the student applies and complements the knowledge acquired during their academic formation, as well as to gain new skills and to boost employability.

The aims of the course are as follows:

- a) Contribute to the training of the students by complementing their theoretical and practical learning.
- b) Meet the working methodologies of the professional world as well as to contrast and apply the acquired knowledge.
- c) Promote the development of technical, methodological, personal and participatory skills.
- d) Obtain practical experience that boosts employability.

The main objective is to bring the student to the reality of a job and to ensure that students develop an activity outside the UAB facilities, as well as developing projects at business level or R & D. The acquisition of theoretical and experimental foundations must allow the student of the degree of Geology to develop a professional career based on the knowledge obtained. By attending this course, the student will be able to contrast the theoretical and practical knowledge acquired in the Degree with the needs of the professional world. The student will have the opportunity to work in interdisciplinary teams too.

The ultimate goal of the course is to offer to the students of the last year the opportunity to join the labor market.

**Competences**

- Evaluate moral and ethical problems in research and acknowledge the need to follow professional codes of conduct.
- Learn and apply the knowledge acquired, and use it to solve problems.
- Process, interpret and present field data using qualitative and quantitative techniques, and suitable computer programmes.
- Process, interpret and present laboratory data using qualitative and quantitative techniques, and suitable computer programmes.
- Show an interest in quality and incorporate it into practice.
- Show initiative and adapt to problems and new situations.
- Suitably transmit information, verbally, graphically and in writing, using modern information and communication technologies.
- Work in different environments and localisations, with respect for diversity and multiculturalism.
- Work in teams, developing the social skills needed for this.
- Work independently.

## Learning Outcomes

1. Display ethical, professional behaviour when working on a project in a company or public institution.
2. Learn and apply the knowledge acquired, and use it to solve problems.
3. Process geology field data in a professional or research context.
4. Process geology laboratory data in a professional or research context.
5. Show an interest in quality and incorporate it into practice.
6. Show initiative and adapt to problems and new situations.
7. Suitably transmit information, verbally, graphically and in writing, using modern information and communication technologies.
8. Work in different environments and localisations, with respect for diversity and multiculturalism.
9. Work in teams, developing the social skills needed for this.
10. Work independently.

## Content

The content of the training will depend upon the company in which the student does the internship. Nevertheless will be always related to the Earth Sciences.

As each company or UAB internal/external centers focus on different areas, therefore, the contents of the training depend on the tasks that are carried out.

Prior to starting the internship, the student must have a work plan agreed with the company or center in which the tasks and the contents of the tasks must be detailed.

This work plan must be approved by the coordinator of the course in order to begin the internship.

Duration and schedules for the realization of the practices.

A) The training duration is 150h and will adapt to the scheduled academic activities to ensure its correct development and following by the student.

B) The schedule will be established according to the characteristics of the training and the availability of the company or center. In any case, the schedule will be compatible with the academic requirements.

## Methodology

- The training can be performed in either of the two semesters of the course or during the summer.

- The students are allowed to carry out the internship in the companies offered by the Geology Degree or in those contacted by himself.

## I. Procedure

A) In the case of the companies offered by the Degree:

- 1) In mid-April, the student will pick up the internship application form from the academic management (or download it to the web). It includes the companies that offer places in the present call with all the information about the work to be developed and the supervising professors of the Degree in Geology.
- 2) You must complete the form by choosing up to 5 places in order of preference and submit it to the Academic Management as soon as possible. Deadline is in May.
- 3) Then, the Academic Management of the Faculty will make public the list of the companies assigned to each student.
- 4) The students with the best academic record will have priority in front of the rest when choosing among the 5 companies chosen by the student, respecting the order of preference according to the available places and according to the company.
- 5) To start the process, you need to contact the Course Coordinator and the Professor Tutor (UAB).
- 6) Next, the student will hold an interview with the tutor of the company and will give his resume. In addition, they must agree: the tasks to be carried out; the period, schedules and the total time of the dedication of the student. With this information, the company completes and signs the work plan.
- 7) If there is no agreement, the student will contact the course coordinator to find an alternative company.
- 8) The student will hold an interview again with the tutor and the subject coordinator. The later fills in and signs the form for the formalization of the agreement (students will have to download through the website of the Faculty of Sciences). The form must be returned to the Academic Management to begin the process of the agreement.

B) In the case of the companies proposed by the student, it is understood that the student has already contacted the company that proposes, and that both have reached an agreement to carry out the training. In this case, the procedure will be:

- 1) Throughout the academic year, the interested student can download the form of new company proposal from the web
- 2) The student must submit the new company proposal form to the Coordinator of the subject specifying who will be the Professor Tutor of the UAB.
- 3) The Coordinator of the course will inform the student about the acceptance or not of the proposed company.
- 4) Once the company has accepted, the student will have to download the printed form for the formalization of the agreement. This form will be signed by the Course Coordinator and Professor Tutor (UAB) and once signed, it will be necessary to return it to the Academic Management.

## II. Formalization of enrollment

New regulations 2012: the student must enroll in the Practicum course before beginning.

All students (whether being younger or older than 28 years old) must contract the UAB Complimentary Insurance before beginning the internship.

The formalization of the enrollment + engagement of the complementary insurance must be done in person at the Academic Management.

## Activities



Title	Hours	ECTS	Learning Outcomes
Type: Directed			
General explanations of the course	2	0.08	6, 5, 1
Type: Supervised			
Acquisition and application of new knowledge in the company	145	5.8	2, 6, 5, 1, 3, 4, 8, 9
Type: Autonomous			
Final report of the practices	3	0.12	5, 7, 10

## Assessment

### Qualification of the Practicum course

The final mark will be given by Professor Tutor from the following two reports:

- A report filed by the company tutor using the pre-established model.
- Memorandum of the student that must contain, the summary of the work carried out in the company, as well as the memory that will include an analysis on other more personal aspects such as the training benefits for the student, the treatment he has received from the company's staff, etc. . The maximum length of the report will be 6 pages.

At the beginning of July, September or February, according to the call to which the student receives, tutor professors will facilitate the final mark of their students to the Coordinator of the subject.

### Special grades

- A "non-assessable" grade cannot be assigned to students who have participated in any of the individual partial tests or the final test.
- In order to pass the course with honours, the final grade must be  $\geq 9.0$ . Because the number of students with this distinction cannot exceed 5% of the number of students enrolled in the course, this distinction will be awarded to whoever has the highest final grade.

To consult the academic regulations approved by the Governing Council of the UAB, please follow this link: [https://www.uab.cat/doc/TR\\_Normativa\\_Academica\\_Plans\\_Nous](https://www.uab.cat/doc/TR_Normativa_Academica_Plans_Nous)

## Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Final report of the practices delivered to the tutor tutor of the UAB	20%	0	0	6, 5, 7, 10
Valuable report of the tutor of the company	80	0	0	2, 6, 5, 1, 3, 4, 8, 9

## Bibliography

No bibliography