UAB
Universitat Autònoma de Barcelona

Work Placement

Code: 107989
ECTS Credits: 12

2025/2026

Degree	Type	Year
Biochemistry	PRO	4

Contact

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Teachers

Josep Antoni Perez Pons

Teaching groups languages

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

Prerequisites

To apply for the program, you are required to have passed the degree first year and, at least, 120 credits out of 180 credits in the first three years.

In addition, you must be enrolled at the time when you start the internship and have paid the fees for the accident and civil liability insurance, as informed in the tax regulations.

Objectives and Contextualisation

This is an elective course that should be taken preferably during the fourth year or the summer after finishing the programmed activities of the degree third year.

The objectives of the course are:

. To promote the integration of the student in the corporate world or in a research group, either in a public or private institution.

. To know and to apply biochemical or molecular biology techniques that are typically used in a industrial setting or in specific research projects.

. To prepare a report on the practice internship in an autonomous manner.

Learning Outcomes

1. CM41 (Competence) Design biochemistry experiments in a professional setting, applying the theoretical knowledge acquired.
2. CM42 (Competence) Interpret experimental results related to biochemistry in a real-world laboratory or company.
3. CM43 (Competence) Deliver a written report of the experimental results obtained in a professional setting in the field of biochemistry.
4. CM44 (Competence) Work collaboratively in a professional team setting.
5. KM43 (Knowledge) Identify the progress of research in experimental areas of biochemistry and its impact on the professional environment.
6. SM45 (Skill) Use databases and digital resources to address specific problems in experimental biochemistry.
7. SM46 (Skill) Apply the main experimental techniques for studying biological systems in a professional biochemistry or molecular biology setting.
8. SM47 (Skill) Apply chemical and biological safety regulations in a biochemical laboratory.
9. SM48 (Skill) Identify quality assurance and control systems in R+D and production processes.

Content

The contents of this course is variable, depending on the specific institution in which the student internship takes place.

However, in all cases, the contents of the proposed activity should keep a close relationship with Biochemistry and Molecular Biology, be it in a company or in a research group.

Two kinds of positions exist:

- Those offered by the Faculty.

- Those proposed by the student on his/her own upon agreement with the receiving institution.

Each student will be assigned some personal tutoring:

- External tutoring: when the internship is carried out outside the UAB sphere and the student is assigned both a tutor at the receiving institution and an academic tutor from the UAB faculty.

- Internal tutoring: when the internship is carried out within the UAB sphere and under the direct supervision of a member of the UAB faculty, who acts as an academic tutor.

The internship can be taken in either one of the following periods: summer of 3rd year, 1st semester of 4th year, 2nd semester of 4th year, or summer of 4th year.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Supervised			
Practice internship	280	11.2	CM41, CM42, CM43, CM44, KM43, SM45, SM47, SM48, CM41

The students may find all the relevant course information, how to apply for an internship position, and all the procedures to follow after the position is assigned, in the website of the Facultat, section "Pràctiques Acadèmiques en Entitats".

Each academic year, the Facultat will organize an orientation session for third and fourth year students enrolled in the degrees offered by the Facultat de Biociències.

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
Evaluation report by academic or external tutor	60	0	0	CM41, CM42, CM43, CM44, KM43, SM45, SM46, SM47, SM48
Final student's written report	40	20	0.8	CM41, CM42, CM43, CM44, KM43, SM45, SM46, SM47, SM48

The course assessment will include the following items:

- The evaluation of the final written report prepared by the student (weight in the final score: 40%). The use of English in the report will be considered for up to additional 0.5 points in this section.

- The evaluation report on the student's performance issued by the Internal Tutor / External Tutor (weight in the final score: 60%).

The final written report must be delivered to the course coordinator not later than 15 days after the end of the stay. In exceptional cases, which must be authorized by the course coordinator, this period may be extended up to a maximum of 30 days.

In order for the student to be evaluated, the course coordinator must receive the tutor's evaluation report and the written report prepared by the student. If any of these requirements is not met, the student's grade will be "No avaluable".

The instructions for the preparation of the final written report can be found in the Facultat de Biociències website, section "Pràctiques Acadèmiques en Entitats".

This course does not allow to be evaluated through the single assessment system.

Bibliography

The contents of the Bibliography list may vary depending on the specific work that each student performs during his/her practice internship and what he/she may need to prepare the final written report.

Software

The Software list may vary depending on the specific work that each student performs during his/her practice internship and what he/she may need to prepare the final written report.

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.