



Universitat de Lleida

DEGREE CURRICULUM **PRACTICUM**

Coordination: REY CASTRO, CARLOS

Academic year 2021-22

Subject's general information

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|--|---|--------|------------|------------------|
| Subject name | PRACTICUM | | | |
| Code | 101639 | | | |
| Semester | 1st Q(SEMESTER) CONTINUED EVALUATION / 2nd Q(SEMESTER) CONTINUED EVALUATION | | | |
| Typology | Degree | Course | Character | Modality |
| | Bachelor's Degree in Biotechnology | 4 | COMPULSORY | Attendance-based |
| Course number of credits (ECTS) | 12 | | | |
| Type of activity, credits, and groups | Activity type | PAES | | |
| | Number of credits | 12 | | |
| | Number of groups | 1 | | |
| Coordination | REY CASTRO, CARLOS | | | |
| Department | CHEMISTRY | | | |
| Teaching load distribution between lectures and independent student work | The duration of PE is about 2 months full time or 4 months working half-time. Students must prepare a final report about their PE. | | | |
| Important information on data processing | Consult this link for more information. | | | |
| Language | Catalan Spanish The language established in the offer | | | |

| Teaching staff | E-mail addresses | Credits taught by teacher | Office and hour of attention |
|------------------------|------------------------|---------------------------|------------------------------|
| BALCELLS FLUVIA, MERCE | merce.balcells@udl.cat | 1 | |
| REY CASTRO, CARLOS | carlos.rey@udl.cat | 6,2 | |

Learning objectives

External Practices are intended to bring students closer to practical aspects related to their degree

Competences

- Develop work skills and interpersonal relationships in a work environment and know the organization, structure of a company or institution
- Be able to seek and use selectively the sources of information necessary to achieve the training objectives.
- Interpret scientific-technical information with a critical sense, and be able to make presentations based on this information.
- Work as a team, with a multidisciplinary vision and with the capacity to make a rational and effective distribution of tasks among the members of the team.
- Be able to make comprehensible written reports about the work done, with a justification based on the theoretical and practical knowledge obtained.
- Use information and communication tools and techniques for the analysis of data and the preparation of oral and written reports and other training and professional activities.
- Know and use the scientific and technical vocabulary proper to the different fields of Biotechnology.
- Work in the laboratory applying quality and good practice criteria.
- Know and know how to use the software and the specific databases in the different fields of Biotechnology.
- Use the scientific method to analyze data and design experimental strategies with biotechnological applications.
- Be capable of forming a critical judgment about the implications of biotechnology at an ethical, legal and environmental level.
- Be able to develop a professional activity in accordance with the regulations of safety and respect for the environment and with ethical criteria.
- Acquire selection criteria for the most appropriate analytical techniques for each specific practical case.

Subject contents

External practices will be carried out at a company or institution related to Biotechnology. They will deal with an integrative subject related to the competencies of the degree and will be carried out under the direction of a tutor from the university and another from the host entity. The work to be done will be specified in the work plan included

in the training project. The time spent on external practices is 300 hours corresponding to 12 ECTS

Methodology

Each student is individually assigned an internship that has been selected taking into account organizational aspects and the interests of the student. The offer includes information about the entity's tutor and the tasks to be carried out and is formalized through the website (UdL - Portal de pràctiques) once the corresponding educational cooperation agreement with the host entity has been signed. Once the offer is allocated, all the documentation duly signed (training project) must be available before starting the PE stay. After the stay, the evaluation of the company's tutor is requested through the web application (available at UdL webpage). The student, on the other hand, must prepare a report and hold an interview with the PE coordinator about the stay.

Evaluation

The evaluation takes into account:

- 1.- The evaluation carried out by the company tutor according to a questionnaire accessed through the webpage (55%).
- 2.- The submitted report is written according to the specifications that are sent to the students each course. The content, precision and adequacy to the requested format are valued (25%).
- 3.- A personal interview with the PE coordinator about the internship (20%).

Students need to have punctuation in each and every one of the previous sections. If the student has no score in any of the previous sections, the result will be considered as not presented