



Universitat de Lleida

# DEGREE CURRICULUM **BACHELOR'S THESIS**

Coordination: FIBLA PALAZON, JUAN

Academic year 2023-24

Subject's general information

Subject name	BACHELOR'S THESIS			
Code	101640			
Semester	UNDEFINED			
Typology	Degree	Course	Character	Modality
	Bachelor's Degree in Biotechnology	4	COMPULSORY	Attendance-based
Course number of credits (ECTS)	6			
Type of activity, credits, and groups	Activity type	TFG		
	Number of credits	6		
	Number of groups	1		
Coordination	FIBLA PALAZON, JUAN			
Department	BASIC MEDICAL SCIENCES			
Important information on data processing	Consult <a href="#">this link</a> for more information.			

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## Learning objectives

The Final Degree Project (TFG) consists of the individual carrying out an original study, project or memory. This work will be carried out under the supervision of one or more tutors. In the execution of the TFG, the training content, capacities and competencies and skills acquired during the Degree will be integrated and applied. In addition to this integration, the TFG must enable the student to independently search, manage, organize and interpret relevant data from their area of study. The TFG will enable the student to make judgments that include a reflection on the social, scientific, technological or ethical aspects related to their area of study, facilitating the development of critical, logical and creative thinking.

## Competences

CG1 Be able to selectively search and use sources of information necessary to achieve the training objectives.

CG2 Interpret scientific-technical information with a critical sense, and be able to make presentations based on this information.

CT1 Be able to make comprehensible written reports on the work carried out, with a justification based on the theoretical-practical knowledge obtained.

CT3 Use information and communication tools and techniques for data analysis and the preparation of oral and written reports and other training and professional activities.

CG4 Know and properly use the scientific and technical vocabulary typical of the different areas of Biotechnology.

CG5 Work in the laboratory applying quality criteria and good practice.

CG6 Know and know how to use software and specific databases in the different fields of Biotechnology.

CG7 Use the scientific method to analyze data and design experimental strategies with biotechnological applications.

CG8 Being able to form a critical judgment on the implications of biotechnology at an ethical, legal and environmental level.

CG9 Be able to carry out a professional activity in accordance with safety and environmental regulations and with ethical criteria.

## Subject contents

The work will be carried out at the end of the external internships and will deal with an integrating theme of the competences of the degree that will be carried out by the student under the direction of a tutor within the framework of the external internships in a company or institution. It will consist of a topic of interest to the company on which the student will assume individual responsibility in the search for information, data collection, analysis of results and activities and drawing up conclusions. In addition to the technical aspects of the subject, the student will also make a report on the activities carried out in the company with a labor perspective in which its characteristics, operation and organization are analyzed. The time dedicated to the final Degree Project will be 150 hours in addition to the time dedicated to the external practices described in the previous section. Of the 150 hours, 75 hours will be face-to-face and will be used to complete the work started in the external practices and to carry out follow-up tutorials during the work. The rest, 75 hours, will be dedicated to study and personal non-contact work (preparation of the report and presentation of the work). The TFG may also be carried out, with the same previous conditions, in stays abroad within a Mobility Program. In this case, the approval of the proposal, the submission deadlines and the evaluation are regulated by the mobility regulations available at the ETSEA International Relations office.

## Methodology

TFG takes the form of a written, original and individual document, made under the supervision of a tutor and

defended orally on a examination board.

## Evaluation

The Final Degree Project will be presented in writing and will be publicly defended before a court that will qualify you taking into account the document presented, the presentation oral and the student's knowledge and maturity shown in their responses to the questions from teachers.

The evaluation of activities considered in the evaluation of this matter is:

- Oral presentation exam 30-40%
- Report presented 40-50%
- Continuous evaluation of training activities and tutoring 10-30%

The evaluation criteria will be governed according to the following rubric: ->

<http://www.bioteconologia.udl.cat/export/sites/Biotec/.content/documents/TFG-2017/Rubrica-TFG-Biotec.pdf>

## Bibliography

<http://www.bioteconologia.udl.cat/ca/pla-formatiu/treball-final/>