

## Work Placement

Code: 44788  
ECTS Credits: 12

2024/2025

Degree	Type	Year
4318297 Plant Biology, Genomics and Biotechnology	OB	0

## Contact

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## Teaching groups languages

You can view this information at the [end](#) of this document.

## Prerequisites

Basic knowledge of English language (level B1 or above)

## Objectives and Contextualisation

To introduce the student in the research work in the field of Plant Biology and Biotechnology, in the professional industrial and / or research environment

## Learning Outcomes

1. CA06 (Competence) Apply the knowledge acquired in new or unfamiliar environments within broader (or multidisciplinary) contexts related to Plant Biology, Genomics and Biotechnology.
2. CA19 (Competence) Develop a scientific, technical or industrial project in biology, genomics and plant and fungi biotechnology with respect for human and fundamental rights, diversity and democratic values, as well as the principles of universal accessibility and design for all.
3. CA21 (Competence) Work in a multidisciplinary team while respecting universal accessibility for all in the field of Plant Biology, Genomics and Biotechnology.
4. KA17 (Knowledge) Critically identify public and scientific information related to Plant Genomics and Biotechnology and in relation to the scientific and business environment.
5. KA18 (Knowledge) Select study methodologies and examples of practical cases in the field of Plant Biology, Genomics and Biotechnology.
6. SA32 (Skill) Manage bibliographic information and computer resources in the field of study.
7. SA33 (Skill) Develop feasible research projects in the internship company or institution's real environment, based on an overarching perspective of knowledge acquired in the area of Plant Biology, Genomics and Biotechnology.
8. SA34 (Skill) Distinguish the planning stages of R&D&I projects in the fields of Plant Biology, Genomics and Biotechnology.

## Content

External internships in companies or scientific institutions is a module in which the student joins a research group of a company or institution making him / her participate in fundamental phases of the R + D + i process with special emphasis on the selection and learning of Methodology and the presentation and communication of results.

The research work of the student in a specific project of the company or institution is accompanied by tutorial sessions and seminars where students with the help of tutors analyze some aspects of organization of scientific work in the institution / company.

External practices are preferably carried out in the same company or institution in which the Master's Thesis will be developed.

## Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Tutorial session	7	0.28	
Type: Supervised			
Supervised research activities	226	9.04	
Type: Autonomous			
Autonomous research activities	67	2.68	

The student performs research tasks in a specific project of a company or research institution. These tasks are accompanied by tutorial sessions and seminars where the student guided by the tutor analyses aspects of organization of research in the institutional or industrial environment.

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
Attendance and participation in tutorial sessions and seminars	10%	0	0	SA32
Lab experimentation report	40%	0	0	CA06, CA19, CA21, KA17, KA18, SA32, SA33, SA34
Supervisor report	50%	0	0	

The evaluation is based on the student's supervisor report (50%) the student's lab experimentation report (40%) and the attendance and participation in the tutorial sessions and seminars (10%)

The student's lab report is a summary (maximum 4 DINA4 pages containing objectives, project outline, methodology, and relevant bibliography) of the activities performed during the External Practicum stay, with special emphasis on methodology used and technical skills acquired.

Assessment Activities

This subject/module does not include the single assessment system.

## **Bibliography**

Scientific articles and reviews specifically addressing the students research project. The student will be responsible for the search and consultation of the literature necessary to carry out their work. For this, the student may receive the help of his/her supervisor.

## **Software**

Not applicable

## **Language list**

Information on the teaching languages can be checked on the CONTENTS section of the guide.