

External Work Experience

2014/2015

Code: 42884

ECTS Credits: 9

Degree	Type	Year	Semester
4313771 Biología i Biotecnologia Vegetal	OB	0	2

Contact

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Use of languages

Principal working language: català (cat)

Some groups entirely in English: No

Some groups entirely in Catalan: Yes

Some groups entirely in Spanish: No

Prerequisites

Study master

Objectives and Contextualisation

To introduce students to the research in the field of Biology and Plant Biotechnology. professional environment in the industrial and / or research

Skills

- Conceive, design, manage and develop a scientific, technical or industrial project in biology and biotechnology of plants and fungi, interpreting findings and generating knowledge.
- Develop critical reasoning within the subject area and in relation to the scientific or business context.
- Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
- Synthesise, weigh up alternatives and engage in critical discussion.
- Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.
- Use and manage bibliography and IT resources in the field of study.
- Use the research methodology of biology and plant biotechnology.
- Work in a multidisciplinary team.

Learning outcomes

1. Aplicar técnicas estándares más comúnmente utilizadas en Biología y Biotecnología Vegetal a un caso concreto de estudio.
2. Develop critical reasoning within the subject area and in relation to the scientific or business context.
3. Distinguir las fases de planificación de proyectos de I+D+i en el campo de la Biología y Biotecnología Vegetal
4. Interpretar los resultados obtenidos en los experimentos realizados para tomar las decisiones adecuadas
5. Proponer proyectos innovadores, factibles en el entorno real de la empresa o institución de las prácticas.
6. Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
7. Synthesise, weigh up alternatives and engage in critical discussion.

8. Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.
9. Use and manage bibliography and IT resources in the field of study.
10. Work in a multidisciplinary team.

Content

Placements in companies or research institutions where the student is incorporated into a research group of a company or institution taking him into fundamental stages of the R + D + i with emphasis on the selection and learning methodology and presentation and communication results. The student research project in a particular company or institution is accompanied by tutorial sessions and seminars where students using tutors analyze some aspects of organization of the institution / company practices External preferably performed in the same company or institution in order to master the job will run.

Methodology

- Lab
- Tutorials
- Seminars
- Carrying out the tasks entrusted

Activities

Title	Hours	ECTS	Learning outcomes
Type: Directed			
Labs	100	4	1, 10
Type: Supervised			
Participation in seminars and tutorials	10	0.4	7, 2, 6
Type: Autonomous			
Carrying out the tasks entrusted	68	2.72	10, 9

Evaluation

The evaluation can be seen in the following table

Evaluation activities

Title	Weighting	Hours	ECTS	Learning outcomes
Attendance and active participation in tutorials and seminars	20%	10	0.4	7, 2
Delivery of papers/reports	30%	20	0.8	7, 2, 5, 6
Tutor report	50%	17	0.68	1, 7, 10, 2, 3, 4, 6, 8, 9

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Bibliography

To be decided