COURSE DATA

DATA SUBJECT

Code: 33825
Name: External Internship
Cycle: Undergraduate Studies
ECTS Credits: 15
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1100 - Degree in Biology	Facultat de Ciències Biològiques	4	Indefinite (Individuals)

SUBJECT-MATTER

Degree	Subject-matter	Character
1100 - Degree in Biology	External internship	INTERNSHIPS

COORDINATION

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SUMMARY

External practices made a compulsory subject in the last year of the degree and they are a first contact between the student and a workplace. Since students have previously completed the grade, they should apply the skills acquired to the professional career and work, choosing the most appropriate areas of performance. To carry out an intensification the specific background of each student in the fourth degree course will take into account. Ultimately, it is intended that students start working in groups, in particular working environments to facilitate the employability of the graduates. The University will assess the training acquired during the degree for the employability of students, which will revert, if necessary, in appropriate adjustments aimed to optimize their training.

The general objectives of these practices are: (1) Know the workplace. (2) Apply the skills acquired during the development level of professional activity and work. (3) To work in group at the workplace. (4) To facilitate the employability of graduates. (5) Assess the extent to which the training received meets employability.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

The student must have passed 150 ECTS

COMPETENCES / LEARNING OUTCOMES

1100 - Degree in Biology

Adquirir las aptitudes y actitudes profesionales idóneas.

Apreciación del rigor y trabajo metódico.

Asumir los aspectos rutinarios y menos atractivos de la profesión.

Capacidad de análisis y de síntesis.

Capacidad de divulgación del conocimiento científico.

Desarrollar habilidades de cooperación con otros profesionales.

Desarrollo de actitudes y valores de sostenibilidad.

Potenciación de la capacidad de liderazgo.

Promover y respetar la igualdad de oportunidades.

Reconocer el papel propio en la estructura del entorno profesional y los recursos disponibles.

Reconocer posibles aportación personales para la mejora del trabajo.

Tomar conciencia del componente ético y los principios deontológicos del ejercicio de la profesión.

Uso adecuado de técnicas instrumentales.

DESCRIPTION OF CONTENTS

External Internship Profiles

1. Scientific Research and Development

- **Professional fields or areas of activity:** Biodiversity, ecology, genetics, environment, marine biology, biogeography, agriculture, food, genomics, proteomics, biotechnology, reproduction, experimental and life sciences, research centers, R&D departments of companies, industries, or hospitals.
- **Company, institution, or entity tutor profile:** Professional with experience in scientific research, laboratory techniques, and knowledge in specific areas such as biodiversity, conservation, experimental sciences, and scientific development.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

2. Industry

- **Professional fields or areas of activity:** Agri-food, chemical, pharmaceutical industries; production and quality management; chemistry, biochemistry, microbiology, toxicology, physiology, pharmacology, epidemiology.
- **Company, institution, or entity tutor profile:** Expert in production and quality management in agri-food, chemical, pharmaceutical, biochemical, or microbiological industries.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

3. Agriculture and Livestock

- **Professional fields or areas of activity:** Crop optimization, genetic improvement, growth and nutrition of animal and plant species.
- **Company, institution, or entity tutor profile:** Professional in agricultural biotechnology, genetics, or livestock production.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

4. Environment

- **Professional fields or areas of activity:** Land-use planning, conservation and control of territory, natural resource management, impact assessment.
- **Company, institution, or entity tutor profile:** Specialist in environmental management, resource conservation, and sustainability.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

5. Commerce and Marketing

- **Professional fields or areas of activity:** Products and services related to biological sciences.
- **Company, institution, or entity tutor profile:** Professional with experience in marketing biological

products or scientific services.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

6. Business Management and Organization

- **Professional fields or areas of activity:** Executive or senior management in biological companies.
- **Company, institution, or entity tutor profile:** Expert in administration and management of biological companies.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

7. Information, Documentation, and Outreach

- **Professional fields or areas of activity:** Museums, natural parks, zoos, publishing, scientific communication.
- **Company, institution, or entity tutor profile:** Professional in scientific communication, museum management, or environmental education.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

8. International Cooperation and Development

- **Professional fields or areas of activity:** Cooperation and development projects in the biological field.
- **Company, institution, or entity tutor profile:** Expert in international cooperation and sustainable development.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

9. Health Professional

- **Professional fields or areas of activity:** Clinical laboratory, human reproduction, public health, nutrition and dietetics, animal and plant health.
- **Company, institution, or entity tutor profile:** Professional in clinical laboratory, public health, or nutrition, with experience in laboratory techniques and clinical analysis.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

10. Teaching Professional

- **Professional fields or areas of activity:** Secondary, university, and vocational education, in areas related to scientific knowledge and life sciences.
- **Company, institution, or entity tutor profile:** Teacher with experience in teaching biology or life sciences at secondary or university levels.
- **Competencies or learning outcomes:** Those defined as general competencies and learning outcomes of the External Internships course.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at the internship centre	300,00
Attendance at supplementary activities	0,00
Monitoring and tutoring of internships	10,00
Total hours	**310,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent study and work	0,00
Preparation of supplementary reports	0,00
Preparation of the internship report and evaluation of the internship	65,00
Total hours	**65,00**

TEACHING METHODOLOGY

• Documentation relating to prior actions to be taken in the company.
• Mandatory attendance at the company to carry out the activities in the hours stipulated.
• Preparation of working memory summary or practicum.

EVALUATION

According to the activities developed in the company, the students will be allocated to the different departments of the Faculty mentoring them. To do this, the coordinators responsible for the intensifications will distribute to the University tutors the most related practices. Also take into account that the number of practices assigned to the tutors is equitable. University tutors will be responsible for explaining to the students the evaluation criteria of the practicum memory which will be established at a meeting with the student before the start of the practise.

The University tutor will evaluate the training taking into account:

1. The memory of the practicum presented at the end of it, which will be considered 45 % of the final value. This rating will take into account the adequacy of the report to the standards of scientific writing and the

criteria previously established by the University Tutor.

2. Student participation in tutorials and additional activities (eg, data analysis, reporting, etc.) It will be considered up to 5%. These activities shall be considered in the OPAL course.

3. The company tutor will evaluate the student through a questionnaire considering the skills acquired by the student. The calification by the company tutor will be based on attendance, ability to integrate into the working group and the activity undertaken by the student. The tutor of the company will be the 50 % of the final value.

The final grade will be made by the Practice Commission of the Biology Grade following the rules of the University of Valencia for the various calls for the three periods of conducting business practices (winter, spring and summer).

REFERENCES

- Does not apply