



Information about the subject

Degree: Bachelor of Science Degree in Biotechnology

Faculty: Faculty of Veterinary Medicine and Experimental Sciences

Code: 1100404 **Name:** Internship

Credits: 6,00 **ECTS Year:** 4 **Semester:** 2

Module: Final Degree Project

Subject Matter: Internship **Type:** Internship

Field of knowledge: Ciencias

Department: Biotechnology

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

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Module organization

Final Degree Project

Subject Matter	ECTS	Subject	ECTS	Year/semester
Internship	6,00	Internship	6,00	4/2
Final Degree Project	12,00	Final Bachelor's Degree Project	12,00	4/2

Recommended knowledge

The student must have passed at least 75% ECTS from the 1st to 3rd year (minimum 135 ECTS)

Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 The student can apply the knowledge acquired in pre-professional practice.
- R2 The student has learned how to handle technical or bibliographical tools specific to the biotechnology sector.
- R3 The student expresses himself/herself with the appropriate professional technology.
- R4 The student shows initiative and a pro-active attitude.
- R5 The student is capable of preparing a report related with the work he/she performed.
- R6 The student has developed practical skills for individual and group work, in the context of a specific biotechnological sector.



Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

BASIC		Weighting			
		1	2	3	4
CB1	Students acquire and understand knowledge in their field of study based on general secondary education but usually reaching a level that, although supported on advanced text books, also includes aspects involving state-of-the-art knowledge specific to their area.			X	
CB2	Students are able to apply knowledge to their work in a professional way and have the competences enabling them to state and defend views and opinions as well as perform problem-solving tasks in their field of study.				X
CB3	Students are able to collect and interpret relevant data (generally in their field of study) and give opinions that involve reflection on relevant social, scientific or ethical issues.			X	
CB4	Students can communicate information, ideas, problems and solutions to a specialized or non-specialized audience.				X
CB5	Students develop the necessary learning skills to undertake further studies with a high level of autonomy.			X	

GENERAL		Weighting			
		1	2	3	4
CG01	Capacity to analyze and synthesize.				X

SPECIFIC		Weighting			
		1	2	3	4
CE22	Knowing and understanding contents, principles and theories related to biotechnology.				X



CE23	Knowing how to use laboratory equipment and to carry out basic operations for each discipline including: safety measures, handling, waste disposal and activity register.				X
CE24	Knowing basic and instrument laboratory techniques in the different areas of biotechnology.				X
CE25	Knowing how to analyze and understand scientific data related to biotechnology.			X	
CE27	Knowing and applying action plans and assessment criteria of biotechnology processes.				X
CE28	Integrating life science and Engineering into processes of development of biotechnological products and applications.				X
CE29	Contrasting and checking results of biotechnological experimentation.		X		
CE30	Solving and analyzing problems posed by biotechnology.				X
CE31	Describing and calculating important variables of processes and experiments.				X
CE32	Knowing how to use different specific operating systems and software packages designed for Biotechnology.				X
CE33	Knowing and complying with legislation and ethics of biotechnological processes and applications.				X
CE34	Knowing main characteristics of Molecular biosciences and biotechnology communication.			X	

TRANSVERSAL

Weighting

	1	2	3	4
CT02 Capacity to organize and plan.				X
CT03 Mastering Spanish oral and written communication.			X	
CT04 Command of a foreign language (English)			X	
CT05 Knowing and applying Basic ITC skills related to Biotechnology.				X
CT06 Capacity to manage information (capacity to look for and analyze information coming from different types of sources).				X



CT07	Problem solving.									X
CT08	Decision making									X
CT09	Capacity to work in interdisciplinary and multidisciplinary team.									X
CT10	Interpersonal skills.									X
CT11	Understanding multicultural and diverse environment									X
CT12	Critical and self-critical capacity.									X
CT13	Ethics.									X
CT14	Capacity to learn									X
CT15	Capacity to adapt to new situations									X
CT16	Capacity to produce new ideas (creativity)									X
CT17	Leadership abilities									X
CT18	Taking initiatives and enterprising spirit									X
CT19	Capacity to apply theoretical knowledge									X
CT20	Research skills								X	
CT21	Sensitivity to environmental issues								X	



Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R4, R6	40,00%	Report by the tutor in the company or centre
R1, R2, R3, R4, R5, R6	40,00%	Submitting a report and/or written papers
R1, R2, R3, R4, R6	20,00%	Oral presentation

Observations

This course is not eligible for single evaluation. According to the general evaluation and qualification regulations, the preferred evaluation system will be continuous evaluation. The preparation of the final report has gradable deliveries during the semester as a measure to be prepared for the final exam.

* In order to pass the subject, a minimal grade of 5/10 is required in all tasks.* Assistance to formation seminars is mandatory to pass the subject for all students, no matter whether they carry on the internship in Spain or abroad. Only those students who develop their internship abroad during the whole academic year are exempted from this duty.

**The use of artificial intelligence (AI)-based tools is subject to the discretion of the teacher, who may establish specific limits or conditions depending on the training or assessment activity.

MENTION OF DISTINCTION:

In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with 9 Distinction) may be awarded. Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.



Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M4 Supervised monographic sessions with shared participation..
- M6 Personalized and small group attention. Period of instruction and/or guidance carried out by a tutor to review and discuss materials and topics presented in classes, seminars, readings, papers, etc.
- M7 Set of oral and/or written tests used in initial, formative or additive assessment of the student
- M8 Group preparation of readings, essays, problem-solving, seminars, papers, reports, etc. to be presented or submitted in theoretical , practical and/or small-group tutoring sessions. Work done on the university e-learning.
- M9 Student's study: Individual preparation of readings, essays, problem-solving, seminars, papers, reports, etc. to be presented or submitted in theoretical, practical and/or small-group tutoring sessions. Work done on the university e-learning platform.



IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
SEMINAR M4	R1, R2, R4, R6	8,00	0,32
TUTORIAL M6	R5	7,50	0,30
ASSESSMENT M7	R1, R2, R3, R4, R5, R6	2,00	0,08
TOTAL		17,50	0,70

LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
AUTONOMOUS GROUP WORK M8	R1, R2, R3, R4, R5, R6	112,50	4,50
AUTONOMOUS INDIVIDUAL WORK M9	R1, R2, R3, R4, R5, R6	20,00	0,80
TOTAL		132,50	5,30

Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block

Contents

Professional development seminars

Block 1. Disability in the professional sector.
Block 2. Professional orientation.
Block 3. Employability



Temporary organization of learning:

Block of content	Number of sessions	Hours
Professional development seminars	4,00	8,00

References

·Zabalza Beraza, M.A. (2013) El practicum y las prácticas en empresas: en la formación universitaria. Madrid: Narcea. 189 pp