

1. OVERVIEW

Subject Area	Final project
Degree	Bachelor's Degree in Biotechnology
School/Faculty	School of Biomedical and Health Sciences
Year	4º
ECTS	6
Type	Compulsory
Language(s)	Spanish
Delivery Mode	On campus
Semester	S2
Academic Year	2024-2025
Coordinating professor	Elena Pérez Izquierdo

2. INTRODUCTION

The Final Degree Project (TFG by its Spanish acronym) is a compulsory subject (worth 6 ECTS) taken during the semester in the fourth year of the Degree in Biotechnology.

The main objective of this subject area is for students to demonstrate that they have acquired on this degree course the skills, abilities and knowledge in the different subject areas as established in the degree syllabus.

Students will undertake and orally defend a project directly associated with the skills they have acquired during the degree course.

Each student will individually produce an original piece of work and submit it in the format established in the degree course requirements. This work will be performed under the supervision of a tutor and carried out and presented before a university tribunal. The Final Degree Project offers students the opportunity to delve further into a topic of their interest and study on such a detailed level fitting of future graduates. It will be undertaken during the second semester of the fourth year. Only students who are enrolled on all pending courses required to complete their studies can enrol on the Final Degree Project module.

3. LEARNING OUTCOMES (RA, by the acronym in Spanish)

ABILITIES (HAB, by the acronym in Spanish)

HAB05. Communicate clearly either in Spanish or English, spoken or written, any protocol or results analysis using the right terminology in any field of biotechnology.

Create a piece of work which will be presented and defended, showing a high degree of independence and confidence in your own reasoning.

SKILLS

COMP05. Propose, redact and execute small R&D and innovation projects related to biotechnology, following current rules and regulations.

COMP14. Integrate the knowledge and skills acquired to create and defend a specialised piece of work in the field of biotechnology.

4. CONTENTS

The learning content to be included in the final degree project must be related to the following:

- Deal with the area of research, development or review of basic and/or applied new discoveries in any field of biotechnology.
- Be well-defined, holding reasonable expectations for completion within the deadline and avoiding excessively repetitive work.
- Incorporate the use of concepts and/or advanced or new practical applications.
- Use a variety of instrumental techniques in the case of research or experimental development projects.

5. TEACHING/LEARNING METHODS

The types of teaching/learning methods are as follows:

- Project-based learning

6. LEARNING ACTIVITIES

The types of learning activities, plus the amount of time spent on each activity, are as follows:

On campus:

Learning activity	Number of hours
Spoken presentations	1
Written reports and essays	2
Tutorials	10
Independent working	99
Research (scientific/case studies) and projects	20
Writing the Final Degree Project (TFG)	18
TOTAL	150

7. ASSESSMENT

The assessment methods, together with how much they each count towards the final grade for the subject area, are as follows:

On campus:

Assessment system	Weight
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Project/Final Degree Project	30%
Public presentation of Final Degree Project	70%

On the Virtual Campus, when you open the subject area, you can see all the details of your assessment activities and the deadlines and assessment procedures for each activity.

7.1. Ordinary exam period

To pass the subject area in the ordinary exam period you must obtain a mark of 5.0 or more out of 10.0 in all assessed parts of the subject (tutor's mark and tribunal's mark).

Your final grade will be the average of the partial marks in each of the learning activities you have passed.

7.2. Extraordinary exam period (resits)

To pass the subject area in the ordinary exam period you must obtain a mark of 5.0 or more out of 10.0 in all assessed parts of the subject (tutor's mark and tribunal's mark).

Students who request it may do a new mid-term assessment in the extraordinary exam period (resits).

8. TIMELINE

The timeline with delivery dates of assessable activities in the subject area is indicated in this section:

Assessable activities	Date
Tutor's assessment at the halfway stage	Week 6
Final tutor's assessment	Week 17
Reading and defence of Final Degree Project	Week 18

The timeline may be subject to modifications for logistical reasons of the activities. Students will be informed of any changes in due time and course.

9. BIBLIOGRAPHY

The reference work for following this subject area is:

- [NORMATIVA GENERAL PARA LOS TRABAJOS DE FIN DE GRADO Y FIN DE MÁSTER](#). (2023). Universidad Europea de Madrid
- Sanz, M. P. G. & Clares, P. M. (2013). [Guía Práctica para la realización de Trabajos de Fin de Grado y Trabajos de Fin de Máster](#). Editum.

The recommended bibliography is indicated below:

- Calvo, V. H., Bono, E. G., Peiró, T. & Salvador, A. (2023). [Cómo hacer y tutorizar un TFG en modalidad de revisión sistemática](#). In *Educación para transformar: Innovación pedagógica, calidad y TIC en contextos formativos* (pp. 2566-2570). Dykinson.
- Cisneros Estupiñán, M., & e-libro, C. (2022). [Cómo elaborar trabajos de grado](#) (2a ed.). Bogotá: Ecoe Ediciones.
- Fernández, I. M. S., & Segura, M. J. M. (2012). [Exposición oral y defensa del trabajo fin de Grado y de Máster](#). In *Guía práctica para la realización de trabajos fin de Grado y trabajos fin de Máster* (pp. 315-350). Servicio de Publicaciones.
- Mirón Canelo, J. A., Alonso Sardón, M., Iglesias de Sena, H., Lorenzo Gómez, M. F., Marcos Martín, M., Martín Roderó, H., & Chamorro Fernández, A. J. (2013). [Guía para la elaboración de trabajos científicos: grado, máster y postgrado](#). Rego.

10. EDUCATIONAL GUIDANCE AND DIVERSITY UNIT

The Educational Guidance and Diversity Unit (ODI in Spanish) offers support throughout your time at university to help you with your academic achievement. Other cornerstones of our educational policy are the inclusion of students with special educational needs, universal access in all our university campuses and equal opportunities.

This ODI unit offers students:

1. Support and monitoring through counselling and personalised student plans for those who need to improve their academic performance.
2. Curricular adaptations to uphold diversity, with assistance for those students who require specific educational support, leading to equal opportunities without significant changes to methodology or evaluation.
3. We offer students a range of extracurricular educational resources to reinforce skills which will enhance their personal and professional development.
4. Career guidance by offering tools and advice to students with doubts regarding their professional careers or those who believe they have chosen the wrong line of study.

Students who need educational support can contact us at:

orientacioneducativa@universidadeuropea.es

11. SATISFACTION SURVEYS

Your opinion matters!

Universidad Europea encourages you to complete our satisfaction surveys to identify strengths and areas for improvement for staff, degree courses and the learning process.

These surveys will be available in the surveys area of your virtual campus or by email.

Your opinion is essential to improve the quality of the course.

Many thanks for taking part.