

Teaching guide

IDENTIFICATION DETAILS

Degree:	Biotechnology		
Field of Knowledge:	Science		
Faculty/School:	Experimental Science		
Course:	END-OF-DEGREE PROJECT		
Type:	Degree Project	ECTS credits:	6
Year:	4	Code:	2044
Teaching period:	Eighth semester		
Area:	End-of-degree report		
Module:	Biotechnological Processes and Products		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	150		

SUBJECT DESCRIPTION

El Trabajo Fin de Grado constituye una asignatura obligatoria dentro Grado de Biotecnología y se encuentra enmarcada dentro del módulo Procesos y Productos Biotecnológicos. El alumno, basándose en el trabajo realizado durante las prácticas externas y haciendo uso de información bibliográfica, o debe realizar de forma individual una propuesta innovadora de un proyecto de investigación o desarrollo profesional en el ámbito de la Biotecnología. Igualmente, el alumno podrá realizar de forma individual una revisión bibliográfica o un proyecto profesional en el ámbito de la Biotecnología.

El proyecto será supervisado por un tutor, profesor del Grado, cuya labor será la de asesorar y orientar al

estudiante durante el proceso de elaboración del Proyecto Fin de Grado. La memoria será presentada siguiendo la normativa fijada, que será publicada a través del aula virtual, y deberá ser defendida por el estudiante ante un Tribunal formado por profesores de la Titulación.

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

To have acquired the ability for analytical, synthetic, reflective, critical, theoretical and practical thought.

Capacity for problem-solving and decision-making.

To be able to plan time effectively.

To foster a concern for knowledge as a key tool in the personal and professional growth process of a student.

To develop capacity for and a commitment to learning and personal development.

To develop an ability to search for, take in, analyse, sum up and relate information.

To develop oral and written communication skills.

To acquire the skills needed for experimental work: design, preparation, the compilation of results and the obtainment of conclusions, understanding the limitations of an experimental approach.

To apply theoretical, practical and human knowledge acquired at the university on training placements at research centres and biotechnological companies.

Specific skills

To be able to design and suitably execute an experimental protocol based on theoretical knowledge in a host of subjects.

Capacity for written and oral communication of the knowledge acquired.

To be able to apply the theoretical knowledge acquired for solving problems and practical cases linked to the various subjects.

To nurture an attitude of intellectual curiosity and a quest for truth in all areas of life.

To be able to negotiate and sell a personal project.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
5 hours	145 hours