

Teaching guide

IDENTIFICATION DETAILS

Degree:	Biotechnology
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Field of Knowledge:	Science
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Faculty/School:	Experimental Science
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Course:	IMMUNOLOGY
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Type:	Compulsory
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ECTS credits:	6
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Year:	4
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Code:	2040
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Teaching period:	Seventh semester
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Area:	Molecular Biomedicine
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Module:	Biochemistry and Molecular Biology
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Teaching type:	Classroom-based
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Language:	Spanish
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Total number of student study hours:	150
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SUBJECT DESCRIPTION

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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
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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 acquire firm theoretical, practical, technological and humanistic training needed to develop professional activity.

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 be familiar with the basic principles and theories of human and experimental sciences.

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.

Specific skills

To be familiar with the general principles and molecular mechanisms for organism defence.

To understand the principles and foundations of the physiological responses of animals and plants to their environment.

To recognise the primary causes of and types of response to cell damage on a molecular, sub-cellular, organic and tissue scale.

To identify the basic mechanisms and processes of the various human pathologies.

Capacity for written and oral communication of the knowledge acquired.

To be able to work in a team in an efficient and coordinated manner.

To analyse and sum up key ideas and content regarding all manner of texts; to discover the theses incorporated within them and the issues raised; and to make critical judgments about their form and content.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
55 hours	95 hours