



IDENTIFYING DATA

(*)Prácticas externas

Subject	(*)Prácticas externas			
Code	V04M192V01401			
Study programme	Máster Universitario en Ingeniería Biomédica			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	2nd	2nd
Teaching language				
Department				
Coordinator	Eguizábal Gándara, Luis Eduardo Pardo Froján, Juan Enrique Comesaña Piñeiro, Rafael			
Lecturers	Comesaña Piñeiro, Rafael Eguizábal Gándara, Luis Eduardo Pardo Froján, Juan Enrique			
E-mail	jpardo@uvigo.es eguizaba@uvigo.es racomesana@uvigo.es			
Web				
General description	External internships in Companies, Hospitals or Research Centers in the biomedical field			

Training and Learning Results

Code	
A1	Knowledge and understanding that provide a basis or opportunity for originality in developing and / or applying ideas, often in a research context.
A3	That students are able to integrate knowledge and handle complexity and formulate judgments based on information that was incomplete or limited, include reflecting on social and ethical responsibilities linked to the application of their knowledge and judgments.
A4	Students can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences clearly and unambiguously.
B2	Ability to direct activities related to the CG1 competence
B4	Ability to solve problems with initiative, decision making, creativity, critical reasoning and to communicate and transmit knowledge, abilities and skills in the field of biomedical engineering.
B9	Ability to organize and plan within the sphere of a company, and other institutions and organizations.
B11	To recognize ethical and professional responsibilities in biomedical engineering situations and to make informed judgements, which must consider the impact of biomedical engineering solutions in global, economic, environmental and social contexts.
B12	To operate effectively in a multidisciplinary team whose members, together, exercise leadership, create a collaborative and inclusive environment, set goals, plan tasks and meet goals.
D1	Ability to understand the meaning and application of the gender perspective in the different fields of knowledge and in professional practice with the aim of achieving a more just and equal society.
D2	Ability to communicate orally and in writing in the Galician language.
D3	Sustainability and environmental commitment. Equitable, responsible and efficient use of resources.

Expected results from this subject

Expected results from this subject	Training and Learning Results
------------------------------------	-------------------------------

Capacity to adapt to the real situations of the profession.	A1 A3 B2 B4 B11 D1 D2
Integration in groups of multidisciplinary work.	A4 B2 B4 B12 D1 D2
Responsibility and autonomous work	A1 A3 B9 B11 D1 D3

Contents

Topic	
Integration in a group of work in a company.	The student will integrate in the organisational context of a company, hospitable centre or centre of investigation, having to coordinate with the different members of the group of work to what was assigned.
Realisation of activities tied to the exert of the profession.	The student will carry out a series of tasks related with the knowledge and with the learning outcomes of the program

Planning

	Class hours	Hours outside the classroom	Total hours
Practicum, External practices and clinical practices	150	0	150

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Practicum, External practices and clinical practices	The student will integrate in a group of work in a company, hospital or research centre, where will have the opportunity to put in practice the knowledge and the skills acquired, in order to complement the program learning outcomes.

Personalized assistance

Methodologies	Description
Practicum, External practices and clinical practices	The student will have of a tutor in the company where will make his practices and an academic tutor.

Assessment

	Description	Qualification	Training and Learning Results		
Practicum, External practices and clinical practices	The students in practical will have to keep a contact continued no only with his tutor in the company/ hospital/centre of investigation, but also with his academic tutor. When concluding the practices, will have to deliver to the academic tutor a final memory and the pertinent documentation associated to the practices. In the evaluation will take into account to assessment made by the tutor in the company, the follow-up made by the academic tutor and the reports delivered.	100	A1 A3 A4	B2 B4 B9 B11 B12	D1 D2 D3

Other comments on the Evaluation

Sources of information

Basic Bibliography

Complementary Bibliography

Recommendations

Other comments

The subject will be able to give indistinctly in Galician or Spanish, as both are official languages of the autonomous community. If the subject adds to the plan of internationalisation, will be given in English.

The students has to be enrolled of all the pending matters for the acquisition of the title to exception, if it was the case, of the Master's thesis (TFM)
