



## IDENTIFYING DATA

### (\*)Traballo fin de máster

Subject	(*)Traballo fin de máster			
Code	P05M191V01208			
Study programme	Máster Universitario en Ejercicio terapéutico en fisioterapia			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	9	Mandatory	1st	2nd
Teaching language	Spanish Galician			
Department				
Coordinator	Monge Pereira, Esther			
Lecturers	Aboal Quintás, Sebastián Jesús Hernández Lucas, Pablo Martín Palomo, Adrián Monge Pereira, Esther Rodrigues Gomes, Ricardo Miguel			
E-mail	esther.monge@uvigo.es			
Web				
General description	Subject with 9 credits that consists in the realization and public presentation of the end of masters' project about some specific question related with the therapeutic exercise			

## Training and Learning Results

Code	
A1	Possess and understand knowledge that provides a foundation or opportunity to be original in the development and/or application of ideas, often in a research context.
A2	That the students know how to apply the knowledge acquired and their ability to solve problems in new or little-known environments within broader (or multidisciplinary) contexts related to their area of study.
A3	That the students are able to integrate knowledge and face the complexity of formulating judgments based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.
A4	That the students know how to communicate their conclusions and the knowledge and ultimate reasons that support them to specialized and non-specialized audiences in a clear and unambiguous way.
A5	That students have the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.
B3	Transmit information in a clear way to the users of the health system, as well as with other professionals.
B4	Acquire advanced scientific training in research in Therapeutic Exercise in Physiotherapy.
B5	Being able to present and defend, before a university tribunal, a final master's project, consisting of an exercise of integration of the training content received and the skills acquired.
B6	Develop learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.
C1	Incorporate scientific research and evidence-based practice as a professional culture in the practice of therapeutic exercise.
C2	Apply the ethical and legal bases of the profession in the field of research.
C7	Evaluate and select the appropriate scientific theory and the precise methodology to design a research project based on therapeutic exercise.
C8	Know how to use methods and models of statistical analysis, interpret and communicate the results of clinical research to specialized audiences through different media (face-to-face, online or social networks).
C12	Apply a protocol for measuring the functional capacity of patients based on their characteristics, as well as the pathology in the different areas of specialization.
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 fairer and more 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.
- D4 Knowledge of statistics applied to Health Sciences, or to the field of study related to the field of study.
- D5 Recognition of diversity and multiculturalism.
- D6 Creativity, entrepreneurial spirit and adaptation to new situations.
- D7 Develop leadership and organization skills.
- D8 Maintain an attitude of learning and improvement.

### Expected results from this subject

Expected results from this subject	Training and Learning Results
Design and make a work of investigation related with the therapeutic exercise	A1 A3 A4 A5 B3 B4 B5 B6 C1 C2 C7 C8 C12 D2 D4 D8
Integrate the practical contents and scientists learnt in the master	A2 A3 A5 B3 B6 C12 D1 D3 D5 D6 D7 D8

### Contents

Topic

Preparation of an individual work of investigation - based in the therapeutic exercise.

Presentation and defence of the work in front of a - court.

### Planning

	Class hours	Hours outside the classroom	Total hours
Introductory activities	1	0	1
Mentored work	22	0	22
Presentation	1	0	1
Presentation	1	0	1
Essay	0	190	190
Essay	10	0	10

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

### Methodologies

	Description
Introductory activities	They will have the aim of presenting the subject, explaining the contents of the learning guide for the completion of the master's degree dissertation according to the specific regulations, as well as resolving any possible doubts related to them that the students present.
Mentored work	The students must prepare a research work related with the therapeutic exercise, based on preparation regulations approved and published by the Master's Academic Committee.

Presentation	The students must present their master's degree dissertation before a court through audiovisual media following the presentation regulations approved and published by the Master's Academic Committee, as well as answer the questions formulated by the evaluating court.
--------------	---

### Personalized assistance

#### Methodologies Description

Mentored work	The students will have a tutor who will guide them through corrections and tutorials that they will specify between them, for the preparation of the written memory and the oral defense of the Master's degree dissertation.
---------------	---

### Assessment

Description	Qualification	Training and Learning Results			
		A	B	C	D
Presentation The court will take into account the following criteria for evaluation:  - Relevance of the work. - Presentation through appropriate audiovisual media. - Clarity in the exposition. - Defense before the questions asked.	40	A4	B3 B5	C1 C2	D2 D8
Essay The court will evaluate through a rubric that the Master's degree dissertation adapts to the exposed regulations, and that the contents and methodology are appropriate to the research topic.	40	A1 A2 A3	B4 B6	C1 C2 C7 C8 C12	D1 D3 D4 D5 D8
Essay The tutor will evaluate the learning process and development of the Master's degree dissertation by means of a rubric.	20	A1 A2 A3	B4 B6	C1 C2 C7 C8 C12	D1 D3 D4 D5 D8

### Other comments on the Evaluation

Students must have passed all the master's credits to be able to present and defend their master's degree dissertation.

There will be two calls to deliver and defend the Master's degree presentation, the first in June, and the second with the delivery of the written work in July and the oral defense in September.

### Sources of information

#### Basic Bibliography

Molina M, **El ovido y la espada: manual de lectura crítica de documentos científicos**, 2020

Amat O, Rocafort A, **Cómo investigar: Trabajo fin de grado, tesis de máster, tesis doctoral y otros proyectos de investigación.**, Profit Editorial, 2017

#### Complementary Bibliography

<http://www.equator-network.org/>,

Miguel Ángel Martínez González et al., **Bioestadística Amigable**, 4, Elsevier, 2020

Vallejo-Nágera JA., **Aprender a hablar en público hoy. Cómo cautivar y convencer por medio de la palabra.**, 2, Planeta, 2013

Rodríguez ML, Llanes J, **El trabajo fin de máster. fases para su elaboración y sugerencias para evaluarlo**, Universitat de Barcelona, 2015

da Cunha I, Cabré MT, **El trabajo de fin de grado y de máster. Redacción, defensa y publicación**, UOC, 2016

del Pino R, Martínez Riera J., **Manual para la elaboración y defensa del trabajo fin de grado en ciencias de la salud.**, 2, Elsevier ES, 2022

### Recommendations

#### Subjects that it is recommended to have taken before

(\*)Metodología da investigación/P05M191V01103