



## 1. General information

Course: UNDERGRADUATE DISSERTATION

Type: PROJECT

Degree: 333 - UNDERGRADUATE DEGREE PROGRAMME IN PHYSIOTHERAPY

Center: 109 - FACULTAD DE FISIOTERAPIA Y ENFERMERÍA

Year: 4

Main language: Spanish

Use of additional  
languages:

Web site:

Code: 17331

ECTS credits: 6

Academic year: 2023-24

Group(s): 40

Duration: SD

Second language:

English Friendly: Y

Bilingual: N

Lecturer: MARIA TERESA AGULLO ORTUÑO - Group(s): 40				
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## 2. Pre-Requisites

In order to enroll in this subject, it is necessary to be enrolled in all pending subjects that the student has pending for the completion of the Degree.

The Final Degree Project (TFG) can only be defended when all the subjects of the 1st, 2nd, 3rd, and 4th courses have been passed.

## 3. Justification in the curriculum, relation to other subjects and to the profession

As established by current regulations, degree studies must end with the preparation of a Final Degree Project (TFG) aimed at evaluating the skills associated with the degree.

The TFG must allow the student to integrate the subjects developed during their training, and on the other hand, it will be the way to evaluate the acquisition of skills associated with the degree, especially generic skills.

## 4. Degree competences achieved in this course

## Course competences

Code	Description
CB1	Prove that they have acquired and understood knowledge in a subject area that derives from general secondary education and is appropriate to a level based on advanced course books, and includes updated and cutting-edge aspects of their field of knowledge.
CB2	Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and justify arguments and solve problems within their subject area.
CB3	Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant social, scientific or ethical issues.
CB4	Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.
CB5	Have developed the necessary learning abilities to carry on studying autonomously
E60	The undergraduate thesis must prove that the student has acquired the knowledge, skills, dexterities, abilities, and aptitudes set by the chosen topic. Therefore, competencies assigned to this module will depend on the chosen topic and will be supervised by the assigned tutor.
G01	Students must show their ability to make educated decisions and solve problems based on available knowledge and information within their field of study.
G02	Students must prove their organizational, planning, and time management skills for the teaching-learning process.
G03	Students must demonstrate their skills in terms of analyzing, summarizing both verbally and in writing, as well as producing and defending arguments.
G04	Students must show their skills in terms of verbal and written communication in Spanish.
G05	Students must show their ability to manage information properly.
G06	Students must show their capabilities and management of ITCs in their field of study.
G07	Students must have sufficient knowledge (level B1 according to the Common European Framework of Reference for Languages) of a foreign language (English).
G09	Students must know how to think critically.
G10	Students must show sensitivity and respect towards personal and cultural diversity in their professional activity.
G11	Students must show motivation for the continuous quality improvement of both personal and professional aspects.
G12	Students must show the ability to adapt to new situations in their professional area.
G13	Students must show creativity when tackling problems in diverse contexts.
G14	Students must show initiative and entrepreneurial spirit.
G17	Students must behave responsibly in all professional activities related to patients, relatives, and the work team.
G18	Students must exhibit interest and responsibility in the learning process throughout life.
G19	Students must show respect, appreciation, and sensitivity towards the work of others.
G20	Students must show discretion in the physiotherapist-patient relationship as well as the professional team.
G21	Students must know and adapt to the limits of their professional competences.
G22	Students must develop the necessary learning skills to undertake further studies with autonomy.

G23	Students must have acquired knowledge and understanding of Health Sciences, based on advanced textbooks and cutting-edge knowledge in their field of study.
G24	Students must incorporate scientific research and evidence-based practice as a working culture.
G25	Students must develop the teaching role and use it both in professional and non-professional contexts.
G26	Students must show respect for Human Rights, fulfilling principles of equality between genders, non-discrimination, and universal accessibility for people with disabilities.

## 5. Objectives or Learning Outcomes

### Course learning outcomes

Description

To produce the undergraduate thesis on the chosen topic and present it in writing and verbally.

After choosing the topic for their undergraduate thesis, to collect all the necessary information to define the problem or subject of study, evaluating its relevance in their professional setting.

To make a systematic, organized bibliographic search in the most relevant national and international databases in the field of the chosen topic, and to justify the selection of those articles that will be referenced in the study.

To design an undergraduate thesis meeting scientific standards.

## 6. Units / Contents

**Unit 1: Completion of a project/work related to the skills acquired and that allows the integration of training content, following the methodology of evidence-based clinical practice.**

**Unit 2: Oral presentation with audiovisual support of the work, and its public defense.**

### ADDITIONAL COMMENTS, REMARKS

Although the TFG subject corresponds to the second semester, the assignment of tutors will be made in the first semester.

## 7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Group tutoring sessions [ON-SITE]	Cooperative / Collaborative Learning	G03 G04 G10 G19 G20 G21 G22 G23 G24 G25 G26	0.32	8	N	-	
Individual tutoring sessions [ON-SITE]	Problem solving and exercises	G01 G02 G03 G04 G05 G06 G07 G09 G10 G11 G12 G13 G14 G17 G18 G19 G20 G21 G22 G23 G24 G25 G26	0.6	15	N	-	
Study and Exam Preparation [OFF-SITE]	Combination of methods	G01 G02 G03 G04 G05 G06 G07 G09 G10 G11 G12 G13 G14 G17 G18 G19 G20 G21 G22 G23 G24 G25 G26	3.6	90	N	-	
Project or Topic Presentations [ON-SITE]	Assessment tests	CB1 CB2 CB3 CB4 CB5 E60 G01 G02 G03 G04 G05 G06 G07 G09 G10 G11 G12 G13 G14 G17 G18 G19 G20 G21 G22 G23 G24 G25 G26	0.08	2	Y	Y	
Analysis of articles and reviews [OFF-SITE]	Combination of methods	G01 G05 G06 G07 G18	1.4	35	N	-	
<b>Total:</b>			<b>6</b>	<b>150</b>			
<b>Total credits of in-class work: 1</b>			<b>Total class time hours: 25</b>				
<b>Total credits of out of class work: 5</b>			<b>Total hours of out of class work: 125</b>				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

## 8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Theoretical papers assessment	70.00%	70.00%	The preparation process of the TFG and the final written document will be evaluated, taking into account the report issued by the tutor.
Oral presentations assessment	30.00%	30.00%	It will consist of the oral defense before the court of the TFG.
<b>Total:</b>	<b>100.00%</b>	<b>100.00%</b>	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

### Evaluation criteria for the final exam:

#### Continuous assessment:

The evaluation will be carried out according to the criteria that appear in the Student Guide for the elaboration of the TFG, available in the virtual campus of

the subject.

**Non-continuous evaluation:**

The evaluation will be carried out according to the criteria that appear in the Student Guide for the elaboration of the TFG, available in the virtual campus of the subject.

**Specifications for the resit/retake exam:**

They will be the same as for the ordinary call.

**Specifications for the second resit / retake exam:**

They will be the same as for the ordinary call.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 2): Completion of a project/work related to the skills acquired and that allows the integration of training content, following the methodology of evidence-based clinical practice.	
Activities	Hours
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	8
Individual tutoring sessions [PRESENCIAL][Problem solving and exercises]	15
Study and Exam Preparation [AUTÓNOMA][Combination of methods]	90
Project or Topic Presentations [PRESENCIAL][Assessment tests]	35
Project or Topic Presentations [PRESENCIAL][Assessment tests]	35
Project or Topic Presentations [PRESENCIAL][Assessment tests]	35
Group 40:	
Initial date: 09-01-2024	End date: 17-05-2024
Comment: Although the subject of the TFG corresponds to the second semester, the assignment of tutors will be made at the beginning of the first semester.	
Unit 2 (de 2): Oral presentation with audiovisual support of the work, and its public defense.	
Activities	Hours
Project or Topic Presentations [PRESENCIAL][Assessment tests]	2
Group 40:	
Initial date: 10-06-2024	End date: 26-07-2024
Comment: During this period, the public defenses of the TFG will be carried out, according to a specific call, duly announced.	
Global activity	
Activities	hours
Project or Topic Presentations [PRESENCIAL][Assessment tests]	37
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	8
Individual tutoring sessions [PRESENCIAL][Problem solving and exercises]	15
Study and Exam Preparation [AUTÓNOMA][Combination of methods]	90
Total horas: 150	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
Alley, MA	The Craft of Scientific Writing	Springer		9781441982876	2018	
Heard, SB	The Scientist's Guide to Writing	Princeton University Press		9780691219189	2022	
Schimmel, J	Writing Science	Oxford University Press			2011	
Hofmann, AH	Scientific Writing and Communication	Oxford University Press		9780190063283	2019	
Mabrouki K, Bosch F.	Redacción científica en biomedicina: lo que hay que saber	Fundación Dr. Esteve		9788481242447	2007	
Díaz Fernández, AM	Ya te puedes ir preparando. Guía de inicio a la investigación en el Espacio Europeo de Educación Superior	Aranzadi			2009	