



Teaching Guide

Teaching Guide				
Identifying Data				2023/24
Subject (*)	The Research Project in Gerontology		Code	653540017
Study programme	Máster Universitario en Xerontoloxía			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	2nd four-month period	First	Optional	3
Language	SpanishEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Fisioterapia, Medicina e Ciencias Biomédicas			
Coordinador	Maseda Rodríguez, Ana Belén	E-mail	ana.maseda@udc.es	
Lecturers	Maseda Rodríguez, Ana Belén	E-mail	ana.maseda@udc.es	
Web	estudos.udc.es/es/subject/4540V01/4540017			
General description	This subject will address the methodology necessary to develop R&D&I projects for the search for public and/or private funding at regional, state or international level for research. Particular emphasis will be placed on the terms to be known for the application for aid.			

Study programme competences / results

Code	Study programme competences / results
A8	Know how to apply and integrate the knowledge acquired, the understanding of these, its scientific foundation and its problem-solving capabilities in social and socio-sanitary environments and defined in an imprecise way, including multidisciplinary contexts both researchers and professionals in the field of gerontology
B1	Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
B3	That students are able to integrate knowledge and face the complexity of making judgments from information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.
B4	That 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
C1	Adequate oral and written expression in the official languages
C2	Mastering oral and written expression in a foreign language
C3	Using ICT in working contexts and lifelong learning

Learning outcomes

Learning outcomes	Study programme competences / results		
- Knowledge and ability to design research projects	AC1	BC1 BC3 BC4	CC1 CC2 CC3
- Knowledge of the different evaluating institutions and sources of funding in order to obtain resources for research	AC1	BC1 BC3 BC4	CC1 CC2 CC3
- Ability to apply acquired knowledge to practice	AC1	BC1 BC3 BC4	CC1 CC2 CC3
- Develop learning skills to undertake studies and research in the area of gerontology, with the ability to design and structure a research project	AC1	BC1 BC3 BC4	CC1 CC2 CC3



- Ability to defend orally the budget and content of a research project.	AC1	BC1 BC3 BC4	CC1 CC2 CC3
--	-----	-------------------	-------------------

Contents	
Topic	Sub-topic
Item 1. R&D&I. Conceptual framework	1.1. Projects 1.2. Funding and evaluation institutions 1.3. Definition of basic terms
Item 2. Identification of the problem and/or need in an R&D&I project.	2.1 Project title 2.2 Problem formulation 2.3 Justification of the investigation 2.4 Research objectives
Item 3. Frame of reference and state of the art	3.1 State of the art. Background to the problem 3.2 Elaboration of hypotheses 3.3 Identification of variables
Item 4. Methodology. Methodological aspects	4.1. Methodological aspects
Item 5. Task writing. Schedule	5.1. Drafting tasks 5.2. Timeline
Item 6. Material and human resources	6.1. Material resources 6.2. Human resources
Item 7. Preparation of the budget	7.1. Budgets
Item 8. Knowledge transfer. disclosure. ethics	8.1. The knowledge transfer process 8.2. OTRI 8.3. Spin off

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student's personal work hours	Total hours
Oral presentation	A8 B1 B3 B4 C1 C2 C3	3	12	15
Supervised projects	A8 B3 B4 C1 C2 C3	0	42	42
Guest lecture / keynote speech	A8 B1 B3 B4 C1 C2 C3	16	0	16
Personalized attention		2	0	2

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

Methodologies	
Methodologies	Description
Oral presentation	Intervention inherent to the teaching-learning processes based on verbal exposure through which students and teachers interact in an orderly way, proposing questions, making clarifications and exposing topics, works, concepts, facts or principles in a dynamic way.
Supervised projects	Oral exhibition complemented by the use of audiovisual media and the introduction of some questions addressed to students, in order to transmit knowledge and facilitate learning. The master class is also known as a "lecture", "expository method" or "master class". This last modality is usually reserved for a special type of lesson taught by a teacher on special occasions, with a content that supposes an original elaboration and based on the almost exclusive use of the word as a means of transmitting the information to the audience.



Guest lecture / keynote speech	Methodology designed to promote the autonomous learning of students, under the tutelage of the teacher and in varied scenarios (academic and professional). It refers primarily to learning "how to do things". It is an option based on students taking responsibility for their own learning. This teaching system is based on two basic elements: the independent learning of the students and the monitoring of that learning by the teacher-tutor.
-----------------------------------	---

Personalized attention	
Methodologies	Description
Oral presentation Guest lecture / keynote speech Supervised projects	Help in the solution of problems posed by the different activities, clarification of the understanding of the subject of the subject... STUDENTS WITH RECOGNITION OF PART-TIME DEDICATION AND ACADEMIC EXEMPTION FROM ATTENDANCE, as established to "Rule that regulates the regime of dedication to the study of undergraduate students at the UDC" (Art.3.b and 4.5) and the "Rules of evaluation, review and claim of the qualifications of undergraduate studies and university master's degree (Art. 3 and 8b), students may request tutorials with the teaching staff of the subject whenever they need it, facilitating the face-to-face or virtual mode according to the availability of the student.

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Oral presentation	A8 B1 B3 B4 C1 C2 C3	The organization and information, pronunciation and intonation, vocabulary, mastery of the subject and clarity of ideas will be valued during the presentation of the proposed theme. A group research project will be defended.	45
Guest lecture / keynote speech	A8 B1 B3 B4 C1 C2 C3	The student must attend the master classes.	5
Supervised projects	A8 B3 B4 C1 C2 C3	The student must make a short research project that will be evaluated by the teacher.	50

Assessment comments
STUDENTS WITH RECOGNITION OF PART-TIME DEDICATION AND ACADEMIC EXEMPTION FROM ATTENDANCE, as established by the "Norm that regulates the regime of dedication to the study of undergraduate students at the UDC" (Art.3.b and 4.5) and the "Rules of evaluation, review and claim of the qualifications of the undergraduate and master's degree studies (Art. 3 and 8b), the qualification referred to classroom attendance will be replaced by the realization of a practical work linked to said training. In addition, in personalized tutorials they will be explained the work done in the classroom so that they can do it properly at home. Important supervised works:-The fraudulent performance of the tests or evaluation activities, once verified, will directly imply the loss of the right to the opportunity in which the fault is committed and with respect to the matter in which it was committed. Qualification of suspense in the call in which the lack is committed and respect for the subject in which it was committed: the student will be qualified with "suspense" (numerical grade 0) in the corresponding call of the academic year, both the commission of the fault occurs in the first opportunity and in the second. For this, their qualification will be modified in the first chance certificate, if necessary. As stated in the different regulations applicable to university teaching, the gender perspective must be incorporated in this matter (non-sexist language will be used, bibliography of authors of both sexes will be used, the intervention in class of students will be encouraged ...). Work will be done to identify and modify prejudices and sexist attitudes and influence the environment to modify them and promote values of respect and equality. Situations of discrimination based on gender should be detected and actions and measures proposed to correct them.

Sources of information	
Basic	- Booth, W.C., Coloma, G.G.; Williams, J.M. (2001). Cómo convertirse en un hábil investigador. Barcelona: Ed. Gedisa - Burgos Rodríguez, R. (1998). Metodología de investigación y escritura científica en clínica. Granada: Escuela Andaluza de Salud Pública - García Roldán, J.L. (1995). Cómo elaborar un proyecto de investigación. Alicante: Universidad de Alicante
Complementary	



Recommendations

Subjects that it is recommended to have taken before

Research Methodology in Gerontology/653540006

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Other comments

Database Management. Knowledge of the English language to be able to read scientific texts for the realization of the state of the art. To help achieve a sustainable immediate environment and meet the strategic objective 2 of the "V Action Plan of the Green Campus FCS Program (2023-2025)", the documentary work that is made in this subject: a) Mostly will be requested in virtual format and computer support. b) If made on paper: - No plastics will be used. - Double-sided prints will be made. - Recycled paper will be used. - Drafts will be avoided.

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.