Information about the subject

Degree: Master's Degree in Technological Innovation in Education

Faculty: Education and Teacher Training
Code: 1360011 **Name:** Master's Thesis

Credits: 3 ECTS **Year: 1 Semester: 1**

Module: Internship and Master's Thesis

Subject Matter: Master's Thesis **Type:** Compulsory

Department: Education Sciences
Type of learning: Hybrid
Language(s) in which it is taught: Spanish

Lecturer/-s

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Module organization

BASIC THEORETICAL TRAINING

Subject Matter	ECTS	Subject	ECTS	Year/semester
Internship and Master's Thesis	12	Master's Thesis	12	2/2

Recommended Knowledge

- Advanced office suite (word processor, presentations, and spreadsheets)
- Proficient use of mobile devices or digital tablets
- File compression and decompression

Advanced use of virtual communication tools (forums, email, video conferencing tools such as TEAMS)

Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

Code	Learning outcomes
R1	The training activity is designed by the students once a needs analysis has been carried out in order to assess the applicability of the ICT on it.
R5	Students demonstrate proficiency in both oral and written communication, as well as in digital technical language, effectively sharing and disseminating proposals and reflections derived from practice

Competences

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

Code	General	Weighting			
		1	2	3	4
CG1	To have the ability to create digital materials adequate to the teaching-learning processes using ICT tools.			X	
CG5	To have the ability to work autonomously, carrying out summaries of contents and making judgements to debate and analyse through the virtual classroom.				X

Code	Basic	Weighting			
		1	2	3	4
CB6	To be creative and original in the development and/or application of ideas, sometimes in an investigation context.			X	
CB8	To integrate knowledge and form opinions on the basis of limited information, including reflections on social responsibility and ethics.				X
CB9	To have the ability to clearly and concisely communicate conclusions, underlying knowledge and reasons to a specialised and non-specialised audience.				X
CB10	To have the ability to follow a self-study method.				X

Code	Specific	Weighting			
		1	2	3	4
CE20	To have the ability to integrate in the teaching practice the acquire competences during their degree by developing innovative methodologies and selecting the suitable working tools according to the context and typology of the centre and the class.				X
CE21	To have the ability to train themselves in the training, assessment for other educational professionals, for the students and their families by using the ICT.				X
CE22	To have the ability to design action plans for the innovation and				X

	integration of the ICT.				
CE19	To have the ability to design and carry out all the phases of the Master's Thesis.				X

Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
All the learning outcomes	10%	Monitoring of the training and participation process in the elaboration of the TFM
All the learning outcomes	20%	Defence in the TFM exhibition
All the learning outcomes	70%	Development of a final work according to the normative of the university and its subsequent defence before a court.

Mention of Distinction: *In accordance with the current regulations on the evaluation and grading of subjects at UCV, the "Honors" mention may be awarded to students who have obtained a grade equal to or greater than 9.0. The number of "Honors" mentions cannot exceed five percent of the students enrolled in the group in the corresponding academic year unless the number of enrolled students is less than 20, in which case only one "Honors" mention may be granted. Exceptionally, honors may be assigned among the different groups of the same subject globally. However, the total number of honors to be granted will be the same as if assigned per group, but these may be distributed among all students based on a common criterion, regardless of the group they belong to. The criteria for granting "Honors" will be made according to the criteria stipulated by the subject's responsible professor detailed in the "Observations" section of the evaluation system of the teaching guide.*

Single evaluation:

Single evaluation is understood as that which the student performs in an exceptional and alternative way when, for not having attended class sufficiently, he/she cannot perform the evaluation tests that, in general, are established in the teaching guide of the subject. This is not a single test but a set of as many tests and / or evaluation activities as necessary to demonstrate and measure each and every one of the learning outcomes defined for the subject. These tests can be requested throughout the course of the course and/or, in any case, at the end of the course on the official evaluation dates.

In single evaluation: Due to the nature of the subject, it is not applicable

Fundamental Principles for the Use of Artificial Intelligence:

Students will be able to use AI for:

- Consultation of doubts about training activities

- Assisted learning (alternative explanations or self-assessment exercises).

- Searching for alternative resources and references for study

Students may not use AI for:

- Recording or transcribing, in whole or in part, any activity performed in the classroom, in order to obtain summaries or notes made by AI.

- Generating text in work related to Activity X

- Submitting AI-generated work as your own

- Providing the IA with statements, practice or evaluation tests to obtain responses

Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

M2	Personalized student attention, both virtually and in-person online using the university's platform
M3	Training sessions through a videoconferencing tool integrated into the virtual campus, involving real-time participation and/or presentations by the teacher and the class group
M5	Personalized student attention, both virtually and individually. Instruction or guidance periods conducted by a teacher to review and discuss materials and topics addressed, assist in carrying out continuous assessment activities, etc.
M6	
M7	Comments, summaries, critical analyses, reviews, glossaries, webquests, tests, etc., individually or in teams, to evaluate the acquisition of learning outcomes.
M8	Student study: Individual preparation of readings, essays, problem-solving, seminars, papers, reports, etc., to submit in theoretical classes, practical classes, and/or small group tutorials.

In-class learning

Activity	Learning Outcomes	Methodology	ECTS	Hours
WORKSHOP	All the learning outcomes	M3	0.6	15
ON-SITE ASSESSMENT	All the learning outcomes	M7	0,08	2
IN-PERSON TUTORING	All the learning outcomes	M2, M3, M6	0.12	3
		Total	0.8	20

On-line learning

Activity	Learning Outcomes	Methodology	ECTS	Hours
VIRTUAL TUTORING	All the learning outcomes	M2, M6	0.8	20
		Total	0.8	20

Autonomous work

Activity	Learning Outcomes	Methodology	ECTS	Hours
Autonomous work	All the learning outcomes	M2, M6	10.4	260
		Total	10.4	260

Description of the contents

Description of the necessary contents to acquire the learning outcomes:

CONTENT BLOCK	Contents
1	The Master's Thesis (TFM), which will consist of 12 ECTS credits to be completed in the second semester, will consist of a supervised research work or work derived from the training activity developed in the external internships. The TFM must focus on the proposal, completion and assessment of an original and specific work, of a theoretical or empirical nature, on the contents of the master's degree.

Temporary organization of learning

BLOCK OF CONTENT/DICACTIC UNIT	Number of sessions	Hours
The Master's Thesis (TFM), which will consist of 12 ECTS credits to be completed in the second semester, will consist of a supervised research work or work derived from the training activity developed in the external internships. The TFM must focus on the proposal, completion and assessment of an original and specific work, of a theoretical or empirical nature, on the contents of the master's degree.	1	300

References

Archenti, N., Marradi, A. y Piovani, J.I. (2018). Manual de metodología de las Ciencias Sociales. Siglo XXI.

Hernández-Sampieri, R. y Mendoza, C. P. (2018). Metodología de la investigación. Las rutas cuantitativa cualitativa y mixta. McGraw-Hill.

Ñaupas, H., Palacios, J.J., Romero, H.U. y Valdivia, M.R. (2018). Metodología de la investigación cuantitativa-cualitativa y redacción de la tesis. Ediciones de la U.

Valles, M. S. (2007). Metodología y técnicas de investigación, pp. 49-71, en Pérez-Yruela.

Manuel (Comp.) La Sociología en España. Madrid: CIS y FES.