



## Information of the subject

**Title:** Master's degree in teacher training for secondary education, baccalaureate, vocational training and language teaching.

**Faculty:** Faculty of Teaching and Educational Sciences

**Code:** 1020080

**Name:** Teaching innovation and initiation of educational research into health processes in vocational training.

**Credits:** 6 ECTS                      **Course:** 1st. Semester: 2nd

**Module:** Specific

**Subject:** Innovation and initiation to educational research

**Character:** Obligatory

**Department:** Mathematics, natural sciences and social sciences applied to education

**Type of teaching:** In-person

**Language/-s in the that HE imparts:** Spanish.

**Faculty:**

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## Organization of the module

### TRAINING THEORETICAL BASIC

Subject	ECTS	Subject	ECTS	Course/semester
Complements for disciplinary training	6	The Curriculum of Health Processes in Vocational Training	6	1/1
Learning and teaching of the corresponding subjects	6	Didactics of Health Processes in Vocational Training	6	1/1
Learning and teaching of the corresponding subjects	6	Didactic Resources for Teaching Health Processes in Vocational Training	6	1/2
Teaching innovation and initiation to educational research	6	Teaching Innovation and Initiation to Educational Research of Health Processes in Vocational Training	6	1/2



## Recommended knowledge

Not applicable

## Learning outcomes

At the end of the subject, the student must demonstrate having acquired the following learning results:

Code	Learning outcomes
R1	Know the concept of quality to critically analyze teaching practices.
R2	Knows how to explain the concepts of innovation and research in the educational field.
R3	Make a simple educational proposal including a certain degree of innovation, both in the approach and in the selected activities.
R4	Design a brief research or educational innovation project including how to evaluate the result.
R5	Obtains and uses relevant information on topics related to the educational field from different sources.
R6	Knows how to relate theory and practice to build teaching knowledge.
R7	Knows how to communicate a brief didactic or research proposal in a formal situation.



## Competencies

Depending on the learning results of the subject, the competencies to which it contributes are: (rate from 1 to 4, with 4 being the highest score)

Code	General	Weighing			
		1	2	3	4
G1	Know how to apply the knowledge acquired and your problem-solving ability in new or little-known environments within broader (or multidisciplinary) contexts related to your area of study.			X	
G2	Be 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.			X	
G3	Know how to communicate your conclusions (and the knowledge and ultimate reasons that support them) to specialized and non-specialized audiences in a clear and unambiguous way.			X	
G4	Possess the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.		X		
G6	Plan, develop and evaluate the teaching and learning process, promoting educational processes that facilitate the acquisition of the skills inherent to the respective teachings, taking into account the level and previous training of the students, as well as their orientation, both individually and collaboratively. with other teachers and professionals from the center.				X
G10	Acquire strategies to stimulate student effort and promote their ability to learn by themselves and with others, and develop thinking and decision skills that facilitate personal autonomy, confidence and initiative.		X		

Code	Basic	Weighing			
		1	2	3	4
CB6	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.			X	
CB7	That 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.				X
CB8	That 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.			X	
CB9	That students know how to communicate their conclusions and the ultimate knowledge and reasons that support them to specialized and non-specialized audiences in a clear and unambiguous way.				X
CB10	That students possess the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.			X	

## Teaching innovation and initiation of educational research into health processes in vocational training.

Code	Specific	Weighing			
		1	2	3	4
CE13	The formative and cultural value of the subjects corresponding to the specialization and the contents taught in the respective teachings		X		
CE14	Know the history and recent developments of the subjects and their perspectives in order to transmit a dynamic vision of them		X		
CE15	Know contexts and situations in which the various curricular contents are used or applied				X
CE16	Know the theoretical-practical developments of teaching and learning of the corresponding subjects.				X
CE17	Transform curricula into activity and work programs		X		
CE18	Acquire selection criteria and development of educational materials			X	
CE19	Promote a climate that facilitates learning and values student contributions			X	
CE20	Integrate training in audiovisual and multimedia communication in the teaching-learning process		X		
CE21	Know evaluation strategies and techniques and understand evaluation as an instrument for regulation and encouragement of effort.			X	
CE22	Know and apply innovative teaching proposals in the field of the specialization studied.				X
CE24	Identify problems related to the teaching and learning of the subjects of the specialization and propose alternatives and solutions.				X
CE27	Know and apply basic methodologies and techniques of educational research and evaluation and be able to design and develop research, innovation and evaluation projects.			X	

Code	Transverse	Weighing			
		1	2	3	4



## System evaluation of the acquisition of skills and qualification system

Assessed learning outcomes	Percentage awarded	Evaluation instrument
R1. Know the concept of quality to critically analyze teaching practices	10%	Individual and cooperative tasks of the students and their participation in the classroom. Presentation of works and oral presentation of works. Oral and written evidence of all types of activities
R2. Knows how to explain the concepts of innovation and research in the educational field.	10%	Individual and cooperative tasks of the students and their participation in the classroom. Portfolios, presentation of works and oral presentation of works. Oral and written evidence of all types of activities
R3. Make a simple educational proposal including a certain degree of innovation, both in the approach and in the selected activities.	10%	Individual and cooperative tasks of the students and their participation in the classroom. Presentation of works and oral presentation of works. Oral and written evidence of all types of activities
R4. Design a brief research or educational innovation project including how to evaluate the result.	40%	Individual and cooperative tasks of the students and their participation in the classroom. Portfolios, presentation of works and oral presentation of works. Oral and written evidence of all types of activities
R5. Obtains and uses relevant information on topics related to the educational field from different sources	10%	Individual and cooperative tasks of the students and their participation in the classroom
R6. Knows how to relate theory and practice to build teaching knowledge	10%	Individual and cooperative tasks of the students and their participation in the classroom
R7. Knows how to communicate a brief didactic or research proposal in a formal situation	10%	Individual and cooperative tasks of the students and their participation in the classroom
<b>Criteria for granting Honor Certificates:</b> <i>An honorary registration for every 20 students, not for a fraction of 20, with the exception of the case of groups of less than 20 students in total, in which a registration can be granted.</i>		



## Activities training

The methodologies that we will use so that the students achieve the learning results of the subject will be:

M1	Group dynamics and activities.
M2	Practical lesson
M3	Presentation of content by the teacher
M4	Small group discussion
M5	Collection of jobs
M6	Problem and case resolution



IN-PERSON TRAINING ACTIVITIES			
Activity	Relationship with Learning Results of the subject	Hours	ECTS
THEORETICAL CLASSES	R1, R2, R3, R4	3.5H	1.20
PRACTICAL CLASSES	R1, R2, R3, R4	2.91	1
WORK EXHIBITION	R1, R2, R3, R4	0.18	0.06
TUTORSHIPS	R1, R2, R3, R4	0.12	0.04
EVALUATION TESTS	R1, R2, R3, R4	0.29	0.10
<b>Total</b>			2.4

SELF-EMPLOYED TRAINING ACTIVITIES			
Activity	Relationship with Learning Results of the subject	Hours	ECTS
TEAM WORK	R1, R2, R3	4.2H	1.44
INDIVIDUAL WORK	R1, R2, R3, R4	6.3H	2.16
<b>Total</b>			3.6





## Description of the contents

Description of contents necessary for the acquisition of learning results.

CONTENTS BLOCK	Contents
<b>Educational investigation. TFM</b>	Know and apply basic methodologies and techniques of educational research and evaluation and be able to design and develop research, innovation and evaluation projects.
<b>Defense of the TFM</b>	Presentation, formal oral, scientific writing
<b>Reflection on teaching practice</b>	Identify problems related to the teaching and learning of the subjects of the specialization and propose alternatives and solutions
<b>Educational innovation</b>	Know and apply innovative teaching proposals in the field of the specialization taken.
<b>Quality in education</b>	Critically analyze the performance of teaching, good practices and guidance using quality indicators

## Temporal organization of learning

CONTENT BLOCK/DIDACTIC UNIT	Number of sessions	Hours
UNIT 1	6	15H
UNIT 2	2	5H
UNIT 3	5	12.5H
UNIT 4	1	2.5H



## References

### Basic bibliography.

- Amat O and Rocafort A. (2017). How to research: TFG, master's thesis, doctoral theses and research projects. Barcelona: Ed. PROFIT.
- Baelo M. (2018). Practical guide for writing and presenting academic works: TFG, TFM and doctoral thesis. Ed. Tirant Humanities.
- Cordon-García JA (Coord.) (2012). The new sources of information. Information and document search in the context of web 2.0. Madrid: Ed. Pirámide.
- Da Cunha I. (2016). The final degree and Master's thesis. Writing, defense and publication. Ed. UDC.
- García-Sanz MP (2012). Practical guide for completing degree and Master's final projects. Murcia: Editum.
- López-Yepes J. (2011). Manual information sciences and documentation. Madrid: Ed. Pirámide.
- Martos-Martínez A, Barragán-Martín AB, Molero-Jurado MM, Pérez-Fuentes MC, Simón-Márquez MM and Gázquez-Linares JJ (2021). Teaching innovation and research in education and social sciences: New approaches in teaching methodology. Madrid. Ed. Dykinson SL.
- Pedrinaci (Coord.) (2012). The development of scientific competence. 11 key ideas. Barcelona: Graó.
- Somoza M. (2015). Search and retrieval of information in scientific bibliography databases. Gijón: Ed. Trea SL.

### National Magazines.

- Research at School ([www.diadaeditora.com](http://www.diadaeditora.com))
- <http://bibliotecacefirevalencia.blogspot.com.es/2017/05/novedades-hemeroteca-cuadernos-de.htm>
- <http://bibliotecacefirevalencia.blogspot.com.es/2017/04/novedades-hemeroteca-aula-de-innovacion.htm>
- [http://bibliotecacefirevalencia.blogspot.com.es/2017/02/novedades-hemeroteca-making-of\\_27.html](http://bibliotecacefirevalencia.blogspot.com.es/2017/02/novedades-hemeroteca-making-of_27.html)
- <http://bibliotecacefirevalencia.blogspot.com.es/2017/05/novedades-hemeroteca-perspectiva.htm>



## Bibliography.

### Educational portals:

<http://todofp.es/inicio.html>

[www.educaweb.com](http://www.educaweb.com)

[www.educavia.com](http://www.educavia.com)

[www.profes.net](http://www.profes.net)

<http://recursostic.educacion.es>

<http://ntic.educacion.es/v5/web/profesores/asignaturas/>

Institute of Educational Technologies. Ministry of Education. Classified educational resources.

### Innovation and research.

[https://www.youtube.com/watch?v=gS7s\\_XdXnWE&t=83s/2021/11](https://www.youtube.com/watch?v=gS7s_XdXnWE&t=83s/2021/11)

<https://www.youtube.com/watch?v=CusOD9WdiIg&t=191s/2017/01>

<https://www.youtube.com/watch?v=JzbF0aCNXP4> CIPFP City of the apprentice/2020/06

[https://www.fpmislata.com/wordpress/videos/CIPFP\\_Mislata/2022](https://www.fpmislata.com/wordpress/videos/CIPFP_Mislata/2022)

<https://www.youtube.com/watch?v=CJIut2vGIzU> CIPFP Misericordia/2017/05

<http://aptaf.es/> /2015

[www.elsevier.es/es-revista-farmacia-profesional-3/2022](http://www.elsevier.es/es-revista-farmacia-profesional-3/2022)

<https://www.sefh.es/revista-farmacia-hospitalaria.php/2022>

[www.imfarmacias.es/](http://www.imfarmacias.es/) /2022

<https://ceice.gva.es/va/web/innovacion-calidad>

### Faculty participation in research.

European TeachUp project ([TEACHER Upskilling Policy experimentation](#))



## Training courses

<https://ceice.gva.es/es//2022>

<https://www.investea.org/principal//> 2022

## Training stays.

<http://www.ceice.gva.es/va/web/formacion-profesorado/formacion>

<http://www.ceice.gva.es/va/web/formacion-profesorado/proyectos-de-formacion-en-centros>

<http://mestreacasa.gva.es/web/cefirepluriling/>

<http://www.sepie.es/formacion-profesional/seguimiento-KA1.html>

Learning experiences at your pace.

<http://spoc.educalab.es/>

Improvement of good educational practices.

<http://www.mejoratuescuelapublica.es/buenas-practicas/buenas-practicas-mep/convocatoria-concurso-de-buenas-practicas.html>

## eTwinning

[National Support Service PortaleTwinning| MECD | Education | INTEF | Lifelong Learning | Erasmus + | European Projects](#)

[Annual ThemeTwinning2023: Innovation and Education |eTwinning|](#)

Innovation and tutorial research.

Poster presentation.

<http://www.aula-salud-mojacar.com/>

Poster presentation.

<http://www.aetel.es/>

Vocational training awards for students.

<https://ceice.gva.es/es/web/formacion-profesional/premios-extraordinarios-de-formacion-profesional>



Academic year 2024-2025

Teaching innovation and initiation of educational research into health processes in vocational training.

Job offers for students:

[http://www.gva.es/web/portal/inicio/atencion\\_ciudadano/buscadores/busc\\_empleo\\_publico/detalle\\_opuestas?id\\_emp=65190](http://www.gva.es/web/portal/inicio/atencion_ciudadano/buscadores/busc_empleo_publico/detalle_opuestas?id_emp=65190)

[http://www.gva.es/web/portal/inicio/atencion\\_ciudadano/buscadores/busc\\_empleo\\_publico/detalle\\_opuestas?id\\_emp=65189](http://www.gva.es/web/portal/inicio/atencion_ciudadano/buscadores/busc_empleo_publico/detalle_opuestas?id_emp=65189)

[http://www.gva.es/web/portal/inicio/atencion\\_ciudadano/buscadores/busc\\_empleo\\_publico/detalle\\_opuestas?id\\_emp=65181](http://www.gva.es/web/portal/inicio/atencion_ciudadano/buscadores/busc_empleo_publico/detalle_opuestas?id_emp=65181)

Educational quality awards.

[website of the Ministry of Education, Culture and Sports](#)

Competitions

<https://spain-skills.es/competiciones/estatal/spainskills-2022/documentacion-spainskills-2022#transporte>

