



Information about the subject

Degree: Official Master's Degree in Education and Rehabilitation of Addictive Behaviours

Faculty: Faculty of Psychology

Code: 1750005 **Name:** Research Methodology and Applied Statistics to Health Sciences

Credits: 6,00 **ECTS Year:** 1 **Semester:** 1

Module: METHODOLOGY AND FUNDAMENTALS OF RESEARCH

Subject Matter: Methodology and fundamentals of the research. **Type:** Compulsory

Department:

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

CONDUC David Melero Fuentes (**Responsible Lecturer**)

david.melero@ucv.es



Module organization

METHODOLOGY AND FUNDAMENTALS OF RESEARCH

Subject Matter	ECTS	Subject	ECTS	Year/semester
Methodology and fundamentals of the research.	6,00	Research Methodology and Applied Statistics to Health Sciences	6,00	1/1

Recommended knowledge

Not precise.

Learning outcomes

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

- R1 The student is able to understand research methods and data analysis techniques.
- R2 The student is able to describe and measure variables.
- R3 The student is able to measure and obtain relevant data for the evaluation of interventions.



Competencies

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

BASIC		Weighting			
		1	2	3	4
CB9	The ability to communicate their findings and the ultimate knowledge and reasons behind them to specialized and non-specialized audiences in a clear and unambiguous manner.			X	
CB10	Having the learning skills that will allow them to continue studying in a largely self-directed or autonomous manner.		X		

GENERAL		Weighting			
		1	2	3	4
CG1	Information management skills.			X	
CG7	Oral and written communication skills.			X	
CG9	Organizational and planning skills.		X		
CG11	Analysis and synthesis skills.		X		
CG13	The ability to share and disseminate academic and professional knowledge.			X	

TRANSVERSAL		Weighting			
		1	2	3	4
CT1	Information management skills.			X	
CT3	The ability to update the knowledge and skills related to this framework of action.		X		
CT7	Oral and written communication skills.			X	



CT9 Organizational and planning skills.

x

CT11 Analysis and synthesis skills.

x

CT13 The ability to share and disseminate academic and professional knowledge.

x

Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3	10,00%	ATTENDANCE AND PARTICIPATION IN IN-PERSON SESSIONS
R1, R2, R3	40,00%	OBJECTIVE TESTS
R1, R2, R3	50,00%	THEORY-PRACTICE ACTIVITIES

Observations

A minimum mark must be obtained in the tests and activities in order for them to be accumulated (50% of the total mark that can be obtained with each evaluation system).

CRITERIA FOR THE AWARD OF HONOUR GRADUATION: Those who obtain a mark higher than 9.5 will be eligible for an assessment test for the award of Honours. The awarding of this mention will depend on the grade obtained in the evaluation test and the maximum number that can be awarded.

Learning activities

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

M1 Presentation of contents by the professor, analysis of competencies, explanation and demonstration of abilities, skills and knowledge in the classroom.



- M6 Personalized attention and in small groups. Period of instruction and/or orientation carried out by a tutor with the objective of reviewing and discussing the materials and topics presented in the classes, seminars, readings, or completion of assignments, through the distance-learning platform.
- M7 Set of oral and/or written tests used in the initial, formative or summative assessment of the student.

IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
IN-PERSON CLASS. M1, M7	R1, R2, R3	30,00	1,20
GROUP WORK PRESENTATIONS M6, M7	R1, R2, R3	12,00	0,48
INDIVIDUAL TUTORIALS M7	R1, R2, R3	18,00	0,72
TOTAL		60,00	2,40

LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
INDIVIDUAL TASKS ON THE PLATFORM M6	R1, R2, R3	90,00	3,60
TOTAL		90,00	3,60



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
Introduction to research on addictive behaviours	Fundamentals, research and innovation, the research process.
The process of research on addictive behaviours	Information search, research designs, data analysis.
Scientific communication in addictive behaviours	Documentary sources, research report, style guide.

Temporary organization of learning:

Block of content	Number of sessions	Hours
Introduction to research on addictive behaviours	4,00	8,00
The process of research on addictive behaviours	18,00	36,00
Scientific communication in addictive behaviours	8,00	16,00



References

American Psychological Association (2020). *Publication Manual of the American Psychological Association (Spiral Bound)*. Washington: American Psychological Association.

Babor, T.F., Stenius, K., Pates, R., Miovský, M., O'Reilly, J. and Candon, P. (eds.) (2017). *Publishing Addiction Science: a Guide for the Perplexed*. London: Ubiquity Press.

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Ballesteros, J., Torrens, M., y Valderrama, J. C. (eds.) (2006). *Manual Introductorio a la Investigación en Drogodependencias*. Valencia: Sociedad Española de Toxicomanías.

https://pnsd.sanidad.gob.es/profesionales/publicaciones/catalogo/bibliotecaDigital/publicaciones/pdf/Manual_Investigacion.pdf

Becoña Iglesias, E. (2002). *Bases científicas de la prevención de las drogodependencias*. Madrid: DGPNSD.

https://pnsd.sanidad.gob.es/profesionales/publicaciones/catalogo/bibliotecaDigital/publicaciones/pdf/Bases_cientificas.pdf

Colado Megía, M.I., Farré Albaladejo, M., Leza Cerro, J.C., y Lizasoain Hernández, I. (2023). *Drogodependencias*. Editorial Médica Panamericana.

Maciá Antón, M.A., Moreno González, E., Reales Avilés, J.M., Rodríguez-Miñón Cifuentes, P. y Villarino Vivas, A. (2014). *Diseños de investigación y análisis de datos*. Madrid. UNED.

Pérez de los Cobos, J. C., Valderrama, J. C., Cervera, G., y Rubio, G. (2006). *Tratado SET de trastornos adictivos. Médica Panamericana. España*.

Somoza Fernandez, M. (2015). *Búsqueda y recuperación de información en bases de datos de bibliografía científica*. Gijón: Trea.

Villariño Vivas, A., Rodríguez-Miñón Cifuentes, P., Reales Avilés, J.M., y Maciá Antón, M.A. (2015). *Diseños de investigación y análisis de datos: ejercicios y problemas resueltos y comentados*. Madrid: UNED.



Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

Situation 1: Teaching without limited capacity (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

Situation 2: Teaching with limited capacity (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

In the particular case of this subject, these videoconferences will be made through:

☒ Microsoft Teams

☒ Kaltura



Situation 3: Confinement due to a new State of Alarm.

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

☒ Microsoft Teams

☒ Kaltura

Explanation about the practical sessions:



2. System for Assessing the Acquisition of the competences and Assessment System

ONSITE WORK

Regarding the Assessment Tools:

☒

The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐

The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

Comments to the Assessment System: