



Information about the subject

Degree: Bachelor of Science Degree in Occupational Therapy

Faculty: Faculty of Psychology

Code: 1123002 **Name:** Research Methodology

Credits: 6,00 **ECTS Year:** 3 **Semester:** 1

Module: RESEARCH FUNDAMENTALS AND METHODOLOGY

Subject Matter: Research Methods, Design and Techniques **Type:** Compulsory

Field of knowledge: Sciences

Department: -

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

1123

Catalina Patric Morales Murillo (**Profesor responsable**)

cp.morales@ucv.es



Module organization

RESEARCH FUNDAMENTALS AND METHODOLOGY

Subject Matter	ECTS	Subject	ECTS	Year/semester
Research Methods, Design and Techniques	6,00	Research Methodology	6,00	3/1
Modern Language	6,00	Scientific English	6,00	1/1

Recommended knowledge

Not required.

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 Apply the different elements and tools existing in each phase of the research process.
- R2 To identify and characterize sources of scientific and technical information.
- R3 To design and implement strategies to retrieve relevant information in scientific and technical information sources.
- R4 To develop bibliographic references in APA and Vancouver style.
- R5 To identify, design and communicate the different research designs of the quantitative and qualitative paradigm.



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):

GENERAL	Weighting			
	1	2	3	4
CG3 To obtain and use epidemiological data and value trends and risks involved in the taking of health-related decisions				X
CG5 To know, value critically and use the sources of information in order to obtain, organise, interpret and communicate the scientific, sanitary, socio-sanitary and information, preserving the confidentiality of the data.				X
CG16 To understand the fundamentals of action, indications and efficiency of Occupational Therapy interventions, based on the available scientific evidence				X
CG23 To create and write Occupational Therapy case studies in a comprehensible way for a specialised audience as well as a non-specialised one.		X		
CG24 To transmit written and/or oral information to a specialised audience as well as a non-specialised one.			X	

SPECIFIC	Weighting			
	1	2	3	4
CE63 To identify the need to research and search for publications related to occupation, Occupational Therapy and/or occupational science and ask relevant research questions.				X
CE64 To have the ability to apply scientific methods to verify the effectiveness of interventions, evaluate the work methods applied and divulge the results.				X
CE65 To understand, select and defend designs of methods and research.				X
CE66 To interpret, analyse, synthesise and criticise the findings of research.				X



CE67 To divulge the findings of research for relevant criticism.

X

Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4, R5	50,00%	Written tests: Summative and final theoretical-practical test (open questions, objective test questions, truncated test, etc.) Preparation of field work memoranda, practical case solutions, single cases.
R1, R2, R3, R4, R5	30,00%	Presentation of group and individual works.
R1, R2, R3, R4, R5	20,00%	Individual monitoring of attendance at face-to-face sessions and active participation in theoretical and practical classes, seminars and tutorials.

Observations

The evaluation is continuous and is based on the collection/delivery of evidence of attendance/participation, practical activities and individual and/or group work throughout the semester. All submissions of individual and group work will be made through the UCV VIRTUAL CAMPUS within the deadlines and in the forms specified by the professor of the subject. Late submissions will not be accepted under any circumstances. The assignments that have not yet been submitted will be submitted and evaluated on the official date of the second examination.

In addition, a final theoretical-practical test will be held during the official examination period. The official examination dates are set by the Dean's Team of the Faculty according to the periods established in the academic calendar. For changes to examination dates, please refer to the reasons and procedure in Article 12 of the Examination Regulations.

<https://www.ucv.es/Portals/0/documentos/normativa/20170526144309926.pdf>

Criteria for Award of Distinction: Evidence of excellence in all competencies and learning outcomes.

Note: In order to pass the course, the student must pass the different assessment systems (attendance and active participation, practical/work and examination) separately. Failure to comply with the rules and deadlines set for the completion of academic activities will invalidate the grade.



In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded.

Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.

Learning activities

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

- M1 ON-CAMPUS CLASS
- M2 PRACTICAL CLASSES
- M3 SEMINAR
- M4 GROUP PRESENTATION OF PAPERS
- M5 OFFICE ASSISTANCE
- M6 ASSESSMENT
- M7 GROUP WORK
- M8 INDEPENDENT WORK



IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
ON-CAMPUS CLASS: Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge. M1	R1, R2, R3, R5	29,00	1,16
PRACTICAL CLASSES: Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity. M2	R1, R2, R3, R5	10,00	0,40
SEMINAR: Supervised monographic sessions with shared participation M3	R4	7,50	0,30
GROUP PRESENTATION OF PAPERS: Application of multidisciplinary knowledge M4	R5	7,50	0,30
OFFICE ASSISTANCE: Personalized and small group attention. Period of instruction and /or orientation carried out by a tutor to review and discuss materials and topics presented in classes, seminars, eadings, papers, etc. M5	R1, R2, R3, R4, R5	3,00	0,12
ASSESSMENT: Set of oral and/or written tests used in initial, formative or additive assessment of the student M6	R1, R2, R3, R4, R5	3,00	0,12
TOTAL		60,00	2,40



LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
<p>GROUP WORK: Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform (www.plataforma.ucv.es)</p> <p>M7</p>	R4, R5	40,00	1,60
<p>INDEPENDENT WORK: Student study: Group Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform (www.plataforma.ucv.es)</p> <p>M8</p>	R1, R2, R3, R4	50,00	2,00
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 scientific research	Fundamentals of research Research process
Scientific communication and information retrieval	Sources of information Search strategy methodology
Research Manuscript	Key sections APA Style and Vancouver
Qualitative and quantitative methodologies	Research Designs Data analysis

Temporary organization of learning:

Block of content	Number of sessions	Hours
Introduction to scientific research	5,00	10,00
Scientific communication and information retrieval	8,00	16,00
Research Manuscript	3,00	6,00
Qualitative and quantitative methodologies	14,00	28,00



References

- American Psychological Association (2020). *Publication Manual of the American Psychological Association (Spiral Bound)*. Washington: American Psychological Association.
- Alpáñez López, M. C. (2020). *Escritura biomédica: el estilo Vancouver: guía práctica para la citación bibliográfica en ciencias de la salud*. Barcelona: Glosa.
- Argimón Pallás, J. M. y Jiménez Villa, J. (2019). *Métodos de investigación clínica y epidemiológica*. 5ª ed. Madrid: Elsevier.
- Botella Ausina, J. y Sánchez Meca, J. (2015). *Meta-análisis en ciencias sociales y de la salud*. Madrid: Síntesis.
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- Corrillero Bravo, A. (2022). *Bibliografía y gestores bibliográficos: normas de Vancouver*. Madrid: Formación Alcalá.
- Cubo Delgado, S., Martín Marín, B. y Ramos Sánchez, J. L. (2011). *Métodos de investigación y análisis de datos en ciencias sociales y de la salud*. Madrid: Pirámide.
- García García, A. M. y Fernández Muñoz, E. (2013). *Publicación y lectura crítica de artículos científicos*. Barcelona: Signo.
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- Pardo, A., Ruiz, M. A. y San Martín, R. (2015) *Análisis de datos en ciencias sociales y de la salud (Vol I)*. Madrid: Síntesis.
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- Somoza Fernandez, M. (2015). *Búsqueda y recuperación de información en bases de datos de bibliografía científica*. Gijón: Trea.