



Universidad
**Católica de
Valencia**
San Vicente Mártir

PCA-27-F-01 Ed.02



COURSE GUIDE

**RESEARCH METHODS AND TECHNIQUES APPLIED TO
SOCIAL AND EDUCATIVE INTERVENTION**

DEGREE OF SOCIAL EDUCATION

4º CURSO

Faculty of Teaching and Education Sciences

Universidad Católica de Valencia San Vicente Mártir

Academic Year 2024/25



**COURSE GUIDE TO RESEARCH METHODS AND
TECHNIQUES APPLIED TO SOCIAL AND EDUCATIVE
INTERVENTION**

		ECTS
Subject: Research Methods and Techniques Applied and Educative Intervention.		6
Module: Research Methodologies in Social and Educative Intervention. Educational Technologies.		18
Type of Learning: Obligatory	Year: 4º Semester: 1º	
Profesorado: Luis Díe Olmos PhD.	Department: General didactics, theory of education and technological innovation	
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SUBJECT ORGANIZATION

RESEARCH METHODS AND TECHNIQUES APPLIED TO SOCIAL AND EDUCATIVE INTERVENTION				N ^{er} ECTS 6
Duration and temporal location within the curriculum: It is part of the module "Research methodologies in socio-educational intervention. Educational technologies", which contains three subjects (offered in the first, second and fourth years): Modern language (English, 1st course, 1st semester); Educational technologies (New technologies applied to education, 2nd year, 1st semester); and Research methodology and techniques (Research methods and techniques applied to socio-educational intervention, 4th year, 1st semester). The module consists of 18 ECTS.				
FIELDS AND SUBJECTS				
FIELDS	ECTS	SUBJECTS	ECTS	Course/ Semester
MODERN LANGUAGE	6	English	6	1/1
EDUCATIVE TECHNOLOGIES	6	New technologies applied to education	6	2/1
RESEARCH METHODOLOGY AND TECHNIQUES	6	Research methods and techniques applied to social and educative intervention	6	4/1



BASIC AND GENERAL COMPETENCIES	Competence measuring scale			
	1	2	3	4
CG1. Capacity for analysis and synthesis.				X
CG2. Organization and planning.		X		
CG3. Oral and written communication in the mother language(s).				X
CG4. Communication in a foreign language.		X		
CG5. Use of ICT in the field of study and professional context.				X
CG6. Information management.				X
CG7. Problem solving and decision making.				X
CG8. Critical and self-critical capacity.				X
CG11. Interpersonal skills.	X			
CG12. Ethical commitment.				X
CG13. Autonomy in learning.				X
CG14. Adaptation to new situations.				X



CG15. Creativity.				X
CG17. Innovation and entrepreneurial spirit.		X		
CG20. Process management with quality indicators.	X			

SPECIFIC COMPETENCIES	Competence measuring scale			
	1	2	3	4
CE9. Know and use the tools, instruments and resources necessary to incorporate them into the socio-educational intervention of the different areas of action.				X
CE17. Prepare and interpret technical, research and evaluation reports on socio-educational actions, processes and results.				X
CE19. Know, use and evaluate new technologies for training purposes.				X
CE20. Show an empathetic, respectful, supportive and trusting attitude towards subjects and institutions of social education.				X
CE21. Develop attitudes and linguistic mastery that enable and promote work in multicultural and multilingual environments.	X			
CE22. Design and carry out prospective and evaluative studies to initiate research on the social and institutional environment where the intervention is carried out..				X



LEARNING OUTCOMES	COMPETENCIES
R-1 The student demonstrates his or her knowledge of research methods, the conditions and purposes of research, as well as the ethical considerations inherent to research.	CG1, CG3, CG5, CG6, CG7, CG8, CG12, CG13, CG14, CG15 CE9, CE17, CE19, CE20, CE22
R-2 The student creates instruments for data collection, calculates the sample/number of subjects to be interviewed, presents the results through tables and graphs and carries out an adequate analysis of the data and results obtained.	CG1, CG3, CG5, CG6, CG7, CG8, CG12, CG13, CG14, CG15 CE9, CE17, CE19, CE20, CE22
R-3 The student properly handles the spreadsheet to create tables and graphs based on the frequencies and percentages in the results in question.	CG1, CG3, CG5, CG6, CG7, CG8, CG12, CG13, CG14, CG15 CE9, CE17, CE19, CE20, CE22
R-4 The student designs a research project aimed at understanding the needs or shortcomings of the target group, taking into account the different areas and approaches involved in the problem.	CG1, CG3, CG5, CG6, CG7, CG8, CG12, CG13, CG14, CG15 CE9, CE17, CE19, CE20, CE22
R-5 The student independently carries out a bibliographic search sufficient to draw some original and appropriate synthetic conclusion from the selected information.	CG1, CG3, CG5, CG6, CG7, CG8, CG12, CG13, CG14, CG15 CE9, CE17, CE19, CE20, CE22



FORMATION ACTIVITIES			
ACTIVITY	Teaching-Learning Methodology	Relationship with Learning Results of the subject	ECTS ¹
PRESENTIAL CLASSES	Presentation of content by the teacher, analysis of competencies, explanation and demonstration of capabilities, skills and knowledge in the classroom.	R1, R2, R3, R4, R5	1
PRACTICAL OR APPLIED CLASSES	Group work sessions supervised by the teacher. Case studies, diagnoses, problems, field study, computer classroom, data search in libraries, online, on the Internet, etc. Meaningful construction of knowledge through student interaction and activity.	R1, R2, R3, R4, R5	1
TUTORSHIPS	Personalized and small group attention. Period of instruction and/or orientation carried out by a tutor with the objective of reviewing and discussing the materials and topics presented in classes, seminars,	R1, R2, R3, R4, R5	0,3

¹ The subject and/or subject is organized into PRESENTIAL TEACHING and STUDENT AUTONOMOUS WORK, with an estimated percentage in ECTS. An adequate distribution is as follows: 40% for TEACHING Training Activities (60 hours) and 60% for tutored Autonomous Work (90 hours) for a 6-credit subject.



	readings, completion of assignments, etc.		
EVALUATION TESTS	Set of oral and/or written tests used in the initial, formative or summative evaluation of the student.	R1, R2, R3, R4, R5	0,1
Total			2,4

STUDENT AUTONOMOUS TRAINING ACTIVITIES			
ACTIVITY	Teaching-Learning Methodology	Relationship with Learning Results of the subject	ECTS
TEAM WORK	Collaborative work in readings, preparation of essays, papers, case studies, reports, preparation of seminars, etc., to present or deliver in theoretical classes, practical classes and/or small group tutorials. Work done on the university platform or other virtual spaces.	R1, R2, R3, R4, R5	1,3
INDIVIDUAL WORK	Student study: individual preparation of readings, essays, problem solving, seminars, papers, reports, etc., to present or deliver in theoretical classes, practical classes and/or small group tutorials. Work done on the university platform or other virtual spaces.	R1, R2, R3, R4, R5	2,3
Total			3,6



**EVALUATION SYSTEM FOR THE ACQUISITION OF SKILLS AND
GRADING SYSTEM**

Evaluation instrument	EVALUATED LEARNING OUTCOMES	Percentage awarded
OBJECTIVE EXAM: TEST	R1, R2, R3, R4, R5	30%
DEVELOPEMENTAL EXAM	R1, R2, R3, R4, R5	20%
PRACTICAL APPLICATION EXAM	R1, R2, R3, R4, R5	50%

Additional Information:

The evaluation will include a long development question (creation of a project) in the final exams. These exams must demonstrate knowledge, abilities and/or attitudes studied in the subject.

In addition, the practical exam will include the demonstration that the skills corresponding to the contents of the subject have been acquired. In this exam, the design of a research project will account for 20% of the overall grade for the subject. The rest of the questions in the practical exam will account for 50% of said overall grade.

Single evaluation: Exceptionally, those students who, in a justified and accredited manner, cannot undergo the continuous evaluation system and request it within the first month of each semester from their teacher, may opt for this evaluation system.

In this case, it will be evaluated as follows: single written, theoretical and practical exam of all the contents of the subject.

Criteria for granting Honors: 1 for every 20 students or fraction of 20.



DESCRIPTION OF CONTENTS	COMPETENCIES
BLOCK I.- The priors of socio-educational research. Unit 1. Some issues related to the perception of researchers. Unit 2. From the algorithm to the subject: previous positions, possibilities and limits of the research process. Unit 3. Ethical considerations about the research process and its consequences. BLOCK II.- Socio-educational research methods and techniques. Unit 4. Introduction to research methods and techniques. Unit 5. Quantitative methods and techniques. Presentation of quantitative results. Unit 6. Qualitative methods and techniques. Presentation of qualitative results. Unit 7. Methodological triangulation: multiple approaches and multidisciplinary work to approach the complexity of personal and social realities. BLOCK III.- Applications of social and educational research. Unit 8. Research phases: how to do a research project. Unit 9. Preparation of the results report: what we want to achieve. Undesirable results. Unit 10. Relationship between research and socio-educational intervention.	CG1, CG3, CG5, CG6, CG7, CG8, CG12, CG13, CG14, CG15 CE9, CE17, CE19, CE20, CE22



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TEMPORAL ORGANIZATION OF LEARNING:

	CONTENT BLOCK/DIDACTIC UNIT	NUMBER OF SESSIONS
1	Some issues related to the perception of researchers	2
2	From the algorithm to the subject: previous positions, possibilities and limits of the research process.	4
3	Ethical considerations about the research process and its consequences.	4
4	Introduction to research methods and techniques.	2
5	Quantitative methods and techniques. Presentation of quantitative results.	4
6	Qualitative methods and techniques. Presentation of qualitative results.	4
7	Methodological triangulation: multiple approaches and multidisciplinary work to approach the complexity of personal and social realities.	2
8	Research phases: how to do a research project.	3
9	Preparation of the results report: what we want to achieve. Undesirable results.	3
10	Relationship between research and socio-educational intervention.	2