

**COURSE DATA****DATA SUBJECT**

Code: 43762
Name: Methodological advice in master's degree final projects
Cycle: Master's Degree
ECTS Credits: 2
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2151 - Master's degree in Psychological Intervention in the Social Environment	Facultat de Psicologia i Logopèdia	2	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2151 - Master's degree in Psychological Intervention in the Social Environment	Compulsory training	COMPULSORY

COORDINATION

FUENTES DURAN MARIA DEL CASTILLO

SUMMARY

The subject of **Methodological Advising for Master's Final Projects** is part of the *Complementary Training module*, which also includes the subjects of Employability in Psychosocial Intervention and New Technologies Applied to Psychosocial Intervention.

The Methodological Advising for Master's Final Projects subject is taught in the first semester of the second year of the master's program. This subject addresses the need to develop high-quality master's final projects. Therefore, its purpose is to provide methodological and statistical support to students for the completion of their master's final project, advising on aspects such as study design, data collection, sample size, database design, statistical techniques to use, as well as the interpretation and writing of results in APA format.

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS



It's advisable for students to have basic knowledge of Statistics (descriptive and inferential), Psychometrics (reliability and validity), and Computer Skills (basic computer use, internet navigation, office programs like Word, Excel, PowerPoint, and the SPSS statistical software package).

COMPETENCES / LEARNING OUTCOMES

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Capacidad para plantear y elaborar un trabajo escrito comprensible, organizado y coherente.

Poseer las habilidades de aprendizaje que permitan continuar estudiando de un modo que deberá ser en gran medida autodirigido y autónomo en el área de estudio de la psicología de la intervención social y comunitaria.

Ser capaz de analizar, planificar, ejecutar y difundir trabajos teóricos y empíricos, básicos y aplicados, manejando las fuentes documentales y de información actualizadas, con fines de investigación, desarrollo e innovación, en las diferentes áreas de la intervención psicosocial.

DESCRIPTION OF CONTENTS

1. Areas of Methodological Advising in Master's Final Projects

1. Study Conceptualization and Design

Problem Definition and Objectives: We help you clearly formulate your research problem, research questions, and hypotheses (if applicable).

Review and Selection of Study Design: We advise you on the most suitable research designs for your proposed study, covering quantitative, qualitative, and mixed methods (e.g., experimental, quasi-experimental, correlational, descriptive, case study).

Advising on Systematic Reviews:

- Formulating the research question for reviews (e.g., PICO format).
- Developing effective bibliographic search strategies.
- Defining clear study inclusion and exclusion criteria.
- Guidance on data extraction and synthesis.
- Assessing the quality of included studies.

Methodological Justification: We guide you in effectively arguing and justifying the methodological decisions you've made for your research.

2. Data Planning and Collection



Instrument Selection and Design: We support you in choosing or developing data collection instruments, such as questionnaires, scales, interview guides, and observation protocols. This includes providing guidelines for evaluating their psychometric properties.

Sample and Sampling Definition: We advise on defining your population, establishing inclusion/exclusion criteria, and selecting appropriate sampling techniques (probabilistic and non-probabilistic).

Sample Size Calculation: We provide guidance on estimating and justifying the necessary sample size for quantitative studies.

Database Design: We offer guidelines for efficiently structuring and coding your data into formats suitable for statistical analysis (e.g., SPSS, Excel).

3. Data Analysis and Results

Selection of Statistical Analysis Techniques: We advise you on selecting the most appropriate statistical tests based on your data type and research objectives (e.g., descriptive, correlational, inferential tests like t-student, ANOVA, regression, chi-squared).

Interpretation of Results: We assist you in understanding the meaning of your obtained results (both statistical and qualitative) in relation to your research objectives and theoretical framework.

4. Writing and Presentation of the Master's Final Project (APA Format)

Research Report Structure: We provide advice on the general structure of a Master's Final Project, adhering to academic standards.

Writing Results and Discussion: We offer guidelines for clear, concise, and coherent writing of the results and discussion sections, ensuring your findings are well-integrated with existing literature.

Use of APA Format: We provide specific guidance on the American Psychological Association (APA) style guidelines for citation, referencing, formatting tables and figures, and overall academic writing style.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Other activities	20,00
Total hours	20,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
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Attendance at other activities	0,00
Individual or group project	15,00
Independent study and work	15,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	30,00

TEACHING METHODOLOGY

Tutorial hours: Students have access to a generous number of tutorial hours during which faculty guide them individually in constructing their knowledge. They provide direction on preparing assignments and resolve any doubts or difficulties related to the subject matter.

The master's final project will be completed under the supervision of a tutor who will act as the director and will be a professor teaching within the master's program. For specific methodological questions, the director will instruct the student to utilize the advising provided in this subject through the in-person activities to ensure the correct completion of the project.

EVALUATION

Given that this subject aims to provide methodological advising, the assessment will consist of the instructors verifying the correct application and understanding of the consulted statistical methods and procedures.

In cases of fraudulent practices, action will be taken according to the Protocol for Action against Fraudulent Practices at the University of Valencia (ACGUV 123/2020): <https://www.uv.es/sgeneral/Protocols/C83sp.pdf>

As established in Article 13. d) of the 'University Student Statute' (RD 1791/2010, of 30 December), students must refrain from using or cooperating in the use of fraudulent procedures in assessment tests, in the work carried out or in official university documents. The teaching staff will check with the means available to the Universitat de València if plagiarism or total or partial copying has taken place. If it is detected, the student will be suspended from the subject and the disciplinary measures established in the current regulations will be initiated.

The qualification of the subject will be subject to the provisions of the Regulation of Evaluation and Qualification of the Universitat de València for Bachelor's and Master's degrees (ACGUV 108/2017 of 30 May 2017). http://www.uv.es/graus/normatives/2017_108_reglament_avaluacio_qualificacio.pdf

The use of AI or other technological supports in the different works must be duly justified and explained in the corresponding annex, the use of such tools without the inclusion of such



explanation will result in the failure of the activity in question.

REFERENCES

- Corbeta, P. (2007): Metodología y técnicas de investigación social. Madrid: Mc Graw-Hill.
- León, O. G., Montero, I. y Gambara, H. (2010). Métodos de investigación en Psicología y Educación + CD de ejercicios. McGraw-Hill: Madrid.
- Llobell, J. P., Navarro, D. F., y Pérez, J. F. G. (1995). Métodos de investigación [Research methods]. En J. M. Latorre (Ed.). Ciencias psicosociales aplicadas I (Vol. 7, pp. 43-60). Madrid: Síntesis.

Complementary References

- Cea d Ancona, M. A. (2001): Metodología cuantitativa. Estrategias y técnicas de investigación social. Madrid: Síntesis.
- Navas, M.J. (2001). Métodos, diseños y técnicas de investigación en psicología. U.N.E.D: Madrid.
- Shaughnessy, J.J., Zechmeister, E.B. y Zechmeister, J.S. (2007). Métodos de investigación en Psicología (7ª edición). McGraw Hill. Méjico.