

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

**Code:** 44723  
**Name:** Research models  
**Cycle:** Master's Degree  
**ECTS Credits:** 15  
**Academic year:** 2025-26

**STUDY (S)**

Degree	Center	Acad. year	Period
2259 - Master's Degree in Migrations	Facultat de Psicologia i Logopèdia	2	First quarter

**SUBJECT-MATTER**

Degree	Subject-matter	Character
2259 - Master's Degree in Migrations	Modelos de investigación	COMPULSORY

**COORDINATION**

FRIAS NAVARRO M DOLORES

**SUMMARY**

In this subject we want to provide the student with the necessary technical and methodological tools both for the management and intervention in cultural diversity, as well as for the investigation and monitoring of community intervention. It is intended to cover the methodological contents related to planning and development of research in the field of migration, as well as the knowledge and use of the necessary statistical and computer resources. Specifically, the contents related to the analysis of specialized scientific literature are covered. The management of concepts and notations of scientific research and the presentation of results, as well as methodological techniques and statistical-computer resources for the integration of results (systematic reviews, meta-analysis, replication, evidence-based intervention). It also concludes with the necessary preparation for the creation and management of economic and social investment projects.

**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 is recommended that students have completed the previous three modules.

## **COMPETENCES / LEARNING OUTCOMES**

### **2259 - Master's Degree in Migrations**

Acquire a language that allows students to express concepts appropriately.

Adopt a coherent and integrated stance regarding the disagreements among theorists.

Apply knowledge to develop observation skills and improve interview skills.

Be able to apply knowledge and problem-solving abilities in new or unfamiliar environments within broader (or multidisciplinary) migration-related contexts.

Be able to communicate conclusions (and the knowledge and rationale underpinning these) to specialist and non-specialist audiences clearly and unambiguously.

Be able to create and promote international cooperation policies.

Be able to design, manage and assess programmes for assisting human groups with population mobility.

Be able to develop a critical spirit that allows students to have a broad and global view of migration.

Be able to integrate knowledge and to handle the complexity of formulating judgements with incomplete or limited information, but that includes reflections on social and ethical responsibilities linked to the application of knowledge and judgements.

Be able to interpret data tables and make sense of them in relation to the theoretical models of human mobility that produce them.

Be able to perform problem analysis.

Be able to promote a culture of peace and to spread democratic values.

Be able to read specialised bibliography on migration and carry out a critical analysis, evaluation and synthesis applicable to professional and research practice.

Be able to use individual and group diagnostic tests accurately.

Be able to use knowledge to promote cultural relativism over ethnocentrism, based on a respectful analysis of differences.

Be able to use statistical analysis software.

Be capable of developing effective migration policies.

Be capable of generating "best practices" in the field of international cooperation and development.

Be capable of promoting social cohesion through the fight against discrimination, exploitation and social inequalities at the local, national, European and international levels.



Be capable of promoting the principles of equal opportunities between men and women and accessibility to the labour market for disadvantaged groups.

Be capable of working in professional teams using group management skills.

Be prepared to manage and coordinate migration issues.

Demonstrate knowledge and understanding of social inequalities based on sex and gender within this specific field of study; integrate the different needs and preferences based on sex and gender into the design of solutions and problem solving.

Demonstrate knowledge and understanding that provides a basis or opportunity to be original in developing and/or applying ideas, often within a research context.

Know how to communicate effectively, both orally and in writing, adapting to the characteristics of the situation and the audience.

Know how to conceive, design and develop scientific research on the phenomenon of migration that allows for an adequate professional teaching and research practice.

Know how to generate alternative hypotheses to the usual ones according to the prevailing theoretical models of human mobility.

Know how to operationally define variables and measurement indices.

Know how to raise awareness and prevent xenophobic, racist and dogmatic behaviour and attitudes among both the host population and the different migrant groups.

Know how to systematise and organise the information found. Correctly carry out information gathering and planning activities. Know resources and use them rationally.

Know the different types of scientific research applied to the field of human mobility.

Know the fundamentals to evaluate social and individual intervention programmes.

Learn autonomously, making informed decisions in different contexts, making judgements based on experimentation and analysis and transferring knowledge to new situations.

Poseer las habilidades de aprendizaje que les permitan continuar estudiando de un modo que habrá de ser en gran medida autodirigido o autónomo.

Propose creative and innovative solutions to complex situations or problems specific to the field of knowledge, to respond to different professional and social needs.

Que los estudiantes conozcan los modelos teóricos provenientes de distintas áreas de conocimiento y se acostumbren al manejo de los hechos y datos empíricos que intentan corroborar las hipótesis derivadas de dichos modelos.

Que los estudiantes manejen los hechos y datos empíricos sin llegar a conclusiones rápidas y prematuras.

Que los estudiantes muestren habilidad para encontrar los puntos fuertes y débiles en las investigaciones



realizadas.

Use knowledge to produce a research report and/or a professional assessment report.

## DESCRIPTION OF CONTENTS

### 1. Scientific research methods in migrations

Research planning: Sample size. Selection / obtaining sample; problems; definition / operationalization of variables; instruments / measurement indices; measurement; associated concepts: types of variables and measurement levels. Data collection design. Design of the topic base. Types of design and qualitative / quantitative research strategies: survey methodology; rapid assessment of situations / programs, observational, experimental, correlational. Concepts prior to data processing: classical and resistant statistical indices, statistical models (theoretical distribution), estimation, parameter. Concepts prior to the interpretation of the results: variance, covariation, regression, distribution, confidence interval, effect size, statistical significance, nomothetic / idiographic reference. Data analysis: qualitative data; statistical tables and graphs; ANOVA; factorial analysis; discriminant analysis and longitudinal analysis.

Subjet 1: ECTS: 5; Language of instruction: Spanish

### 2. Reading and evaluation of scientific research

Analysis of fundamental texts of migratory research. Description of the main bibliometric techniques. Longitudinal sociological investigations. Analysis and interpretation of results: Statistical significance, associated probability, alpha. Effect measures. Correlation coefficient, direct and inverse relationship. Negative results. Integration of results: Systematic Reviews and Meta-analysis. Replication. Evidence-Based Intervention.

Subjet 2: ECTS: 5; Language of instruction: Spanish

### 3. Creation and management of economic and social investment projects

Choice of area to invest. Presentation and detection of needs. Temporalization of the objectives. Evaluability of the program. Description of the actions to be implemented. Description of the necessary material resources. Necessary infrastructures. Elaboration of the report.

Subjet 3: ECTS: 5; Language of instruction: Spanish

## WORKLOAD

### PRESENCIAL ACTIVITIES

Activity	Hours
Theory	150,00
<b>Total hours</b>	<b>150,00</b>

**NON PRESENCIAL ACTIVITIES**

Activity	Hours
Attendance at other activities	10,00
Individual or group project	70,00
Independent study and work	100,00
Preparation of lessons	10,00
Preparation for assessment activities	10,00
Resolution of case studies	25,00
<b>Total hours</b>	<b>225,00</b>

**TEACHING METHODOLOGY**

Teaching is taught primarily through a system of face-to-face classes, theoretical and practical. The theoretical class allows the introduction and development of the theoretical content of each topic. The practical classes, through the illustration of the contents, facilitate student learning by allowing a more dynamic and close relationship with them. However, it is also important to carry out seminars or other complementary tasks proposed by teachers, such as carrying out work. With this type of tasks, autonomous or group work is encouraged, but also and in a relevant way, the acquisition of skills regarding the presentation and writing of topics. The tutorials are the means through which teachers guide and supervise students in the development of complementary activities, in particular, and resolve their doubts or difficulties related to the subject, in general. In short, through the tutorials, which facilitate a closer and more direct relationship, teachers guide students in the construction of their knowledge.

**EVALUATION**

Since the contents are evaluated according to their subject areas, different evaluation methodologies will be used: objective tests, short question exams, development tests and essay formulation.

**EVALUATION SYSTEMS**

SE1.- Assessment of theoretical and practical contents through oral, written or skills performance tests. This section constitutes 80% of the final grade.

SE2.- Oral or written presentation of reports, individual or group work, clinical cases, problem solving and handling of diagnostic tests. This section constitutes 20% of the final grade.

Both assessment systems can be retaken in the second sitting.

Minimum requirements: To pass the subject, both in the first and second sitting, the student must obtain a minimum grade of 5 points out of 10 in the final grade.

**REFERENCES**

- -Alvira Martín, F. (1997). La evaluación: una perspectiva aplicada: Ed. Lumen, Buenos Aires.
- -Alvira Martín, F. (2002). "Metodología de la evaluación de programas", Madrid: Centro de Investigaciones Sociológicas.
- -Amón, J. (1988 -10ªEd) Estadística para Psicólogos. Madrid: Pirámide.



- -Anastasi, A. y Urbina, S. (1998 -7ªEd). Tests Psicológicos. México: Prentice-Hall.
- -Anguera Argilaga, M. T. (2000). Observación en psicología clínica, aplicaciones. Barcelona: Edicions de la Universitat de Barcelona.
- -Buela-Casal, G. y Sierra, J.C. (dirs.) (1997) Manual de Evaluación Psicológica. Vols I y II. Madrid: Siglo XXI.
- -Frías-Navarro, D. y Pascual-Soler, M. (Eds.) (2022). Diseño de la investigación, análisis y redacción de los resultados. Valencia: Palmero Ediciones.
- -Frías-Navarro, D. (2024). Esquemas. Recomendaciones para elaborar el informe de investigación: lectura y valoración crítica (parte 1). Universidad de Valencia. <https://doi.org/10.17605/OSF.IO/EN6Y2>