

Degree	Type	Year
4313815 Research in Education	OB	0

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Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

This is a mandatory module in the master's programme

Objectives and Contextualisation

This module seeks to introduce students in the methodology of research in education

Specific cognitive objectives:

- Know the basic components and processes of an educational reserach.
- Know the theoretical-practical implications of the research
- Know the main methodologies and research methods in education
- Know the main techniques of information production

Specific procedural objectives

- Analyze the methodological context of the educational research

- Identify the elements or components involved in educational research design
- Recognize different procedures and methods of educational research
- Document the research methodologies and methods. Design techniques for collecting and producing information.

Specific attitudinal objectives

- Recognize the work of others and respect intellectual property
- Respect the ethical principles of the research process

Learning Outcomes

1. CA04 (Competence) Apply criteria of methodological quality to the different phases of the research.
2. CA05 (Competence) Assess the social, economic and environmental impact of education research.
3. KA02 (Knowledge) Understand and appreciate the ethical principles of education research.
4. KA03 (Knowledge) Understand and compare the paradigms, approaches and methodological designs of education research.
5. KA04 (Knowledge) Identify education research problems that can be addressed through education research.
6. SA02 (Skill) Prepare a design and select a methodology that are consistent with the research goals and questions.
7. SA03 (Skill) Develop techniques and data collection instruments depending on the nature of the data and the sources of information.
8. SA04 (Skill) Select the type of communication based on the recipients.

Content

1. Methods and designs of research in education

1.1.Quantitative research

1.2. Qualitative research

1.3. Other methods: design based research and evaluation research

2. Instruments and strategies to collect information

2.1. Type of instruments: observation, interviews and questionnaires

2.2.Design, development and validation of the instruments

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Analysis and discussion of the articles	7.5	0.3	
Exercise to practice in class	10	0.4	
Master classes / expositions	60	2.4	

Oral Presentation	7.5	0.3
Type: Supervised		
Tutorials	55	2.2
Type: Autonomous		
Individual work and assignments	60	2.4
Reading articles	25	1

The teaching methodology will be based on the following dynamics:

- Lectures
- Reading of research articles
- Analysis and discussion of research articles
- Exercises to practice in class
- Oral presentations
- Tutorials

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continuous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Active participation in class	10%	0	0	CA04, CA05, KA02, KA03, KA04, SA02, SA03, SA04
Classroom activities and final work M2	20% - 40% per assignment up to 60%	0	0	CA04, CA05, KA02, KA03, KA04, SA02, SA03, SA04
Oral Presentation and follow-up of final work M2	30%	0	0	CA04, CA05, KA02, KA04, SA02, SA03, SA04

The evaluation of the module will be carried out through the activities indicated.

The final grade will be the weighted average of the planned activities. In order to apply this criterion it will be necessary to obtain at least a 4 in all activities.

Class attendance is mandatory.

The oral presentation of the research project will take place prior to the completion of Module 2. The submission of the Final Project will be done via Moodle once the module is completed. The rest of the classroom activities will be distributed throughout the entire module, with scheduled start and submission dates; these dates will be provided in the course programme, which will be made available on the first day of class.

If a student opts for the single evaluation mode, the evaluation date will be the same day as the final follow-up and oral presentation of the module. In addition to completing the follow-up and oral presentation, the student must submit, via Moodle, a portfolio with the set of evidence established as evaluation activities.

The recovery of the Final Project of the Module and/or any classroom activity (for students undergoing continuous assessment) or the Portfolio (for students undergoing single assessment) is expected to be carried out within a maximum period of one month after the completion of the module. The oral presentation (whether it is part of continuous assessment or single assessment) will not be recoverable.

The return and follow-up of the activities that are part of the qualification will be given in less than three weeks. The student who wants to review the mark must do so within 15 days of its publication in the tutoring schedule that the teaching staff has established for this subject and that is part of the program of this module. Class attendance is mandatory.

Copying or plagiarism in any type of assessment activity constitutes a crime, and will be penalized with a 0 as a grade for the subject losing the possibility of recovering it, whether it is an individual or group work (in this case, all members of the group will have a 0).

A work, activity or exam will be considered "copied" when it reproduces all or a significant part of the work of another colleague.

A work or activity will be considered "plagiarized" when a part of an author's text is presented as one's own without citing the sources, regardless of whether the original sources are on paper or in digital format.

It's necessary for the student to show a good general communicative competence, both orally and in writing, and a good command of the vehicular language or languages that appear in the teaching guide. Therefore, in all activities (individual or in group), linguistic correction, writing and formal aspects of presentation will be taken into account. Students must be able to express themselves fluently and correctly and must show a high degree of understanding of academic texts. An activity can be returned (not evaluated) or failed if the teaching staff considers that it does not meet these requirements. In addition, before submitting any activity or exam, the student must verify that he or she has correctly written the sources, notes, citations and bibliographic references following the APA regulations.

Bibliography

Albert M.J. (2007). *La investigación Educativa*. McGraw Hill

APA (2019). *Publication manual of the American Psychological Association*. (7th ed). American Psychological Association

Briones, G. (2016). *Métodos y técnicas de investigación en Ciencias Sociales*. (4ª ed.) Trillas.

Canales, M. (Ed.) (2017). *Metodologías de investigación social*. LOM Ediciones. Corbetta, P. (2010). *Metodología y técnicas de investigación social*. Ed McGraw Hill.

Creswell, J. W. & Creswell, J.D. (2018). *Research Design. Qualitative, Quantitative and Mixed Methods Approaches*. (5º ed.). SAGE

Design-Based Research Collective. (2003). Design-based research: An emerging paradigm for educational inquiry. *Educational Researcher*, 32 (1), 5-8.

Díaz-Barriga, A. y Luna-Miranda, A.B. (Coords.) (2015). *Metodología de la investigación educativa. Aproximaciones para entender sus estrategias*. Ediciones Díaz Santos

Easterday, M., Lewis, D. y Gerber, E (2014). Design-Based Research Process: Problems, Phases and Applications. ICLS Proceedings Volume I. (317-324)

- Espinoza, E.E. (2015). *Aspectos teóricos e instrumentos de la Metodología de Investigación Educativa*. Universidad Técnica de Machala.
- Fabregas, S.; Meneses, J. Rodríguez-Gómez, D. y Paré, M.H. (2016). *Técnicas de investigación social y educativa*. Editorial UOC.
- Green, J.L.; Camilli, G & Elmore, P.B. (eds.) (2006). *Handbook of Complementary Methods in Education Research*. Lawrence Erlbaum Associates, Inc. Publishers & American Educational Research Association.
- Hernández Sampieri, R., Fernández, C., & Baptista, P. (2014). *Metodología de la investigación* (6ª ed). McGraw-Hill
- HernándezSampieri, R. Y Mendoza, C.P. (2018). *Metodología de la investigación. Las rutas cuantitativa, cualitativa y mixta*. McGraw-Hill
- Krueger, R.A.; Casey. M.A. (2008). *Focus groups: A practical guide for applied research*. SAGE
- León, O. & Montero, I. (2015). *Métodos de investigación en Psicología y Educación. Las tradiciones cuantitativa y cualitativa*. (4a Edición). McGraw Hill Education
- Leavy. P. (2017). *Research Design. Quantitative, Qualitative, Mixed Methods, Arts-Based, and Community-based Participatory Research Approachs*. The Guilford Press
- Martínez Mediano C. & Galán González, A. (2014). *Técnicas e instrumentos de recogida y análisis de datos*. Editorial UNED.
- Mckenney, S.E. y Reeves, T. (2012). *Conducting Educational Design Research*. Routledge
- McMillan, J.H., & Schumacher, S. (2010). *Research in education: evidence-based inquiry* (7th ed). Pearson
- Mertens, D.M. (2010). *Research and Evaluation in Education and Psychology* (3rd Edition). SAGE Publications.
- Pimienta, J. y De la Orden, A. (2017). *Metodologia de la investigación*. Pearson.
- Quintal, J.; García, B. (coord.) (2012). *Fundamentos básicos de metodología de investigación educativa*. CCS.
- Stake, R.E. (1998). *Investigación con estudio de casos*. Morata.

Software

This module does not need a specific software

Language list

Name	Group	Language	Semester	Turn
(PAULm) Classroom practices (master)	1	Spanish	annual	afternoon
(PAULm) Classroom practices (master)	2	Spanish	annual	afternoon