

63131 - Design of Educational Research I

Información del Plan Docente

Academic Year	2016/17
Academic center	107 - Facultad de Educación
Degree	573 - Master's in Lifelong Learning: Introduction to Research
ECTS	7.0
Course	1
Period	Annual
Subject Type	Compulsory
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

To pass this subject, students should obtain the following results:

1. Plan a research theme using methodologies that involve considerable, average and/or little (experimental, selective, observational) intervention
2. Understand the strong and weak points of the designs with considerable, average and/or little intervention used in different research methodologies
3. Suitably identify and justify the research design used in different studies
4. Calculate and justify the quality of data in research according to the parameters demanded in each research design type (reliability, validity, generalisability, etc.).
5. Justify the choice of data analysis procedures and techniques from designing research, and the research objectives, hypotheses (if applicable), variables, etc.
6. Interpret the results of the different data analysis techniques applied and draw conclusions from them.

2.2.Introduction

Research is the basis on which the generation of new data and the constant comparison and verification of existing knowledge are based. This statement involves future professionals who are working towards their professional careers, and also implies those future degrees that will include tasks linked to research and technological development.

To provide responses to research demands, knowing and making decisions on the most suitable design type, the most adequate data analysis techniques and technological instruments (statistics software) according to techniques are essential actions. This subject is about all these aspects.

Thus the intention of this subject is for students to learn it regardless of their academic background in order to acquire the knowledge and strategies needed to propose the most appropriate design to conduct the most suitable research in line with their academic and/or professional interests. Students should also be capable of identifying and using the most adequate analysis techniques according to the design type.

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In order to study this subject, following it by paying attention to each block that makes it up is recommended. This is an annual subject and contains three different parts with partial tests in each block to allow constant assessments to be made. The overall work from the activities assessment section (research report) and the final self-assessment are added to this subject.

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

5.2.Learning activities

5.3.Program

5.4.Planning and scheduling

5.5.Bibliography and recommended resources