COURSE DATA

DATA SUBJECT

Code: 33730
Name: Methods of information collection in education
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
1307 - Degree in Pedagogy	Facultat de Filosofia i Ciències de l'Educació	2	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1307 - Degree in Pedagogy	Methods of educational research	COMPULSORY

COORDINATION

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SUMMARY

The Pedagogy degree aims to provide students with theoretical and practical training necessary for the analysis, intervention and development of educational systems and processes in the organization and administration of the educational system, in the practices of school institutions formal and non-formal. For this, it has different subjects that, from a pedagogical perspective, train students to, among other things, be able to plan, advise, manage and evaluate the educational reality that surrounds them.
The overall purpose of this subject is to offer coherent and well-founded training, which can serve as a conceptual and methodological scheme to properly use the methods of collection of information in the different educational processes. Therefore, it is a subject where theory and practice are equally important, and they are approached in a dynamic way, alternating conceptual elements with methodological ones.

The general objective of the Degree in Pedagogy is to train professionals in intervention, systems, institutions, contexts, resources and educational and training processes, as well as in the processes of personal, professional, social and cultural development that take place in an

integrated way. in people and groups throughout life.
In order to contribute to the achievement of this objective, the subject of Information Collection Methods sets out as a general objective to offer a coherent and well-grounded training, which can serve as a conceptual and methodological scheme, to select, design or use Collection Methods appropriately. Information (MRI) in different educational processes. In other words, this subject is planned so that the students achieve the following learning objectives:

1. Describe the general process of educational research and distinguish the characteristics of the information gathering phase within said process.

2. Identify potentialities and weaknesses of the methods and techniques of collecting information in education.

3. Select methods, techniques, or instruments for collecting the information necessary for a certain educational research process.

4. Design, with quality standards, information collection instruments adapted to an educational research process

5. Manage the information provided by the methods and techniques of collecting information in education.

6. Use quality criteria in the methods of collecting information in education.

7. Recognize the role of the Pedagogue or Pedagogue in the design and development of techniques and instruments for collecting information.

8. Apply ethical principles to the design of information collection methods and data management.

9. Use the appropriate personal and professional skills to function in an ethical and responsible manner in managing the methods and techniques of collecting information in education.

These objectives are directly related to the learning of competences linked to the design of information collection instruments. Therefore, it is a subject where theory and practice are equally important, and they are approached in a dynamic way, alternating theoretical and methodological elements. In terms of professional competencies, it is proposed that, at the end of the subject, students will be able to select information collection techniques and put into practice the elaboration of instruments for the collection of information in educational research processes.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

For the acquisition of significant learning in Information Collection Methods, students are required to connect and look for the relationship with the previous knowledge acquired in the first-year subjects:

-Initiation to educational research. General investigation process. Information collection methods. Research designs. Types of reports. Quality criteria of educational research. Computer tools for educational research.

- Strategies for learning and participation in the university. Effective management of the Virtual Classroom Platform, Virtual Disk, E-mail, Resources for oral communications, Rules and criteria for written communication, group dynamics, participation dynamics, concept mapping...

COMPETENCES / LEARNING OUTCOMES

1307 - Degree in Pedagogy

Be able to recognise and value affective processes.

Be prepared for independent lifelong learning.

Capacidad crítica y autocrítica.

Capacidad de adaptación a situaciones nuevas.

Capacidad de comunicación profesional oral y escrita en las lenguas propias de la Universitat de València.

Capacidad de gestión de la información.

Capacidad de resolución de problemas y toma de decisiones.

Capacidad de trabajar en equipos multi e interdisciplinares.

Capacidad de utilización de las TIC en el ámbito de estudio y contexto profesional.

Capacidad para desarrollar, promover y dinamizar habilidades de comunicación interpersonal.

Capacidad para integrarse y comunicarse con expertos de otras áreas y en distintos contextos.

Capacidad para realizar investigación educativa en diferentes contextos.

Compromiso con la identidad, desarrollo y ética profesional.

Compromiso ético activo con los derechos humanos y la sostenibilidad.

Conduct prospective and evaluative studies on educational characteristics, needs and demands.

Desarrollo de la innovación y la creatividad en la práctica profesional.

Develop strategies and techniques to promote participation and lifelong learning.

Develop the capacity for organisation and planning.

Develop tools for gathering and analysing educational information.

Elaborar instrumentos para la recogida y análisis de información educativa.

Gestión de la calidad.

Know the principles and fundamentals of attention to diversity in education and implement and coordinate educational interventions with persons or groups with special educational needs or in situations of risk, inequality or discrimination based on gender, class, ethnicity, age, disability and/or religion.

Prepare and interpret technical, research and evaluation reports on educational actions, processes and results.

Skills in analysis and synthesis.

Supervisar y evaluar planes, programas, proyectos y centros.

DESCRIPTION OF CONTENTS

1. The MRI in the general process of investigation.

2. Classification of the MRI

3. Qualitative and quantitative approximations

4. Design and production of instruments of withdrawal of information

5. Management of the information in MRI

6. Qualit criteria of the MRI

7. Involvement and role of the person who researches in education

8. Ethical principles in the use of the MRI

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Computer classroom practice	30,00
Total hours	**60,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	8,00
Individual or group project	26,00
Independent study and work	18,00
Preparation of lessons	20,00
Preparation for assessment activities	10,00
Resolution of case studies	8,00
Total hours	**90,00**

TEACHING METHODOLOGY

Lliçó Magistral Participativa: per al developement of conceptual continguts and fundamental theories in this matter. From the two-way participation strategies, the alternate exhibited the experts with the techniques that made the information exchange possible and discussed it among the professors and students. Combined with the technique of effective question management. S'inclouen dinàmiques de grup: de grup grup (Remolí d'idees, Debats, ...) and grup xicotet (parelles).

- **Learn in groups** (from two people) for the resolution of the activities to treballar in classes teòriques and for the development of the practices.
- **Aprenentatge Autònom:** for the resolution of tasques individually, with the reading of articles, reflected on it and argued individually¿ Including the personal study for the preparation of exams, treball in librarians,¿
- **Group and individual tutorials:** personalized attention to the students.
- **Portfolio:** with an instrument for collecting information and an instrument for evaluating activities and practical activities in the subject.
- **Participated in training activities related to the training** of the students of the matèria or the pedagogical training of the alumnat that helps the acquisition of the basic and general competencies of the matèria.
- **Use of the virtual training platform of the Universitat-** Moodle-, for the access of the student to all the necessary resources in the development of the process d'enenyament -aprenentatge de la matèria (Guia docent, activitats / tasques, temari, qüestraris, portfolios, appraisal ...), així com, but to facilitate communication between students and between students and teachers. In addition, it will require some resources with exemple: Internet; Microsoft Office (Word, Excel, PowerPoint); o Microsoft Open Office; Electronic resources (Data bases, Library Catalog, Magazines specialties, ...); Paquets Estadistics com SPSS, PSPP or Jamovi. The utilization of cadascun d'ells will be specified in each activity d'aprenentatge.

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EVALUATION

The evaluation of the competences by the student will be carried out by combining different types of information, linked to the different activities that the students will develop in the subject. Different procedures will be used for this:

- Exam, which will consist of taking a written test and / or an objective test, fundamentally of theoretical-practical application of all the contents of the subject.
- Portfolios that will include work carried out in small groups, individuals and / or field work by the student. The practical activities carried out in class and exhibitions of jobs.
- The self-evaluation of the students as a process of final reflection of the learning developed in the subject.

The system of qualifications will express by means of numerical qualification in accordance with the established in the rule (RD 1125/2003 of 5 September) in which the European system of credits and the system of qualifications in the university degrees of official character and valid in all the national territory. To consider:

- There is no difference in the evaluation procedure between the first and the second call.
- The evaluation sections are recoverable on second call.

REGULATIONS FRAUDULENT ACTS AND USE OF THE IAG

Fraudulent conduct in assessment tests and plagiarism in assessment work will be considered in accordance with the UV Assessment and Grading Regulations (ACGUV 108/2017) and the Protocol for Action against Fraudulent Practices (ACGUV 123/2020).

The use of technologies (including AI) to create assessment materials without prior and express authorization from the teaching staff will prevent them from being considered as self-authored and will be treated according to current regulations and the UV Code of Coexistence and Good Practices (ACGUV 300/2023, DOGV, no. 9747/18.12.2023).

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Referencias complementarias

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