

**COURSE DATA****DATA SUBJECT****Code:** 33827**Name:** Evaluation of Information Systems**Cycle:** Undergraduate Studies**ECTS Credits:** 6**Academic year:** 2026-27**STUDY (S)**

Degree	Center	Acad. year	Period
1007 - Degree in Information and Documentation	Facultat de Geografia i Història	3	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1007 - Degree in Information and Documentation	Planning, organization and evaluation of information units	COMPULSORY

COORDINATION

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SUMMARY

This is a core subject which covers the fundamentals of the general method of evaluation applied to the environment of information systems.

The objectives of the course are: to provide students with the scientific basis for decision making and for the systematic analysis as regards the operation of information systems.

Specifically, the subject explains the theoretical and practical components of the following elements:

- concept of evaluation general method of evaluation
- evaluation and quality
- criteria and indicators of quality assessment applied to information systems
- evaluation of input
- evaluation of the documentary process
- evaluation of document retrieval



- evaluation of user satisfaction
- evaluation of impact or benefit of information systems
- evaluation and implementation of measures to correct gender biases in information systems.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

COMPETENCES / LEARNING OUTCOMES

1007 - Degree in Information and Documentation

Be able to adapt to changes in the environment.

Be able to analyse and interpret the information needs of actual and potential users, and to provide and organise the resources needed to ensure their satisfaction both with the information received and with their interaction with the information professional.

Be able to apply critical reasoning to the analysis and assessment of alternatives.

Be able to detect training needs and to design and implement user training programmes aimed at improving their information skills.

Be able to identify the strengths and weaknesses of an information service, system or product by establishing and using evaluation indicators and developing solutions to improve their quality.

Be able to plan and organise information units.

Be able to run marketing programmes and disseminate information systems and services.

Be able to undertake improvements and propose innovations.

Capacity to write analytical reports and summaries with regard to management and organisation of information.

Have problem-solving skills.

Have skills for information management.

Show creativity.

Show ethical commitment in the relationships with users and in information handling.



DESCRIPTION OF CONTENTS

1. FUNDAMENTALS OF THE EVALUATION OF INFORMATION SYSTEMS

- Unit 1. Concept of evaluation
- Unit 2. General evaluation method
- Unit 3. Evaluation and quality

2. OPERATIONAL APPROACH OF EVALUATION

- Unit 4. Evaluation of the input of information into the system
- Unit 5. Evaluation of the documentary process
- Unit 6. Evaluation of retrieval of documents
- Unit 7. Evaluation and Correction of Gender Biases in Information Systems

3. USER-ORIENTED EVALUATION

- Unit 8. Evaluation of user satisfaction
- Unit 9. Evaluation of the impact or benefits of information systems

4. INTERNATIONAL REGULATIONS FOR THE EVALUATION

- Unit 10. Basic ISO standards for the evaluation of information systems

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	45,00
Computer classroom practice	15,00
Total hours	60,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	10,00
Individual or group project	20,00
Independent study and work	15,00
Preparation of lessons	15,00
Preparation for assessment activities	20,00
Resolution of case studies	10,00



Total hours	90,00
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TEACHING METHODOLOGY

The teaching-learning methodology combines lectures, classroom exercises and practical activities in the computer lab involving problem solving and case studies.

These activities are supplemented with reading professional articles that students must analyse and present in class, and with participation in forums and discussion groups in which they will discuss issues related to the theory contents. Student participation and initiative will be taken into account.

Students may attend tutorials in person during scheduled tutorial hours (six hours a week), via email or through the virtual classroom.

EVALUATION

The assessment of the course will consist of the following components:

1. Written examinations: the individual final exam will account for 50% of the final grade.
2. Class presentations and practical assignments: these will account for 50% of the final grade.

To pass the course, it is mandatory to obtain at least 5 out of 10 points in the written examinations.

Submission of at least 80% of the practical assignments is a mandatory requirement to be eligible to sit the final exam. Otherwise, the overall course grade will be recorded as NOT ATTENDED.

In the second examination period, students may retake the final exam and recover the grade corresponding to the practical assignments. Classroom activities carried out and assessed during face-to-face sessions cannot be retaken.

Under no circumstances may classroom activities be retaken during the second examination period.

Students who do not attend the theoretical and/or practical face-to-face activities, in addition to completing the individual and group practical assignments, will be required to read a series of supplementary texts that will be specified by the teaching staff at the beginning of the course.

The submission of exercises, questions, activities, reading reports, or any other assessed work that has not been directly completed by the student, that has been copied from similar works, or that has been generated using artificial intelligence, will be considered sufficient grounds for failing the course, without prejudice to any additional disciplinary actions that may be taken. Mandatory assignments must be submitted exclusively through the course's virtual learning platform; no other submission methods will be accepted. All submissions must be made within the specified deadlines. Late submission of assignments



and practical work will make it impossible to pass the course in that examination period.

This assessment starts from the premise that teaching at the University of Valencia is, by definition, on-campus lecture delivery method. In this sense, the student should be aware that attendance at both the theoretical and practical lectures is essential for proper monitoring of the contents of the course. The student must also consider the possibility to enroll part time when it is unable to attend all courses (60 credits). However, there is an exception for those students that justify it and request it. They have the possibility of being assessed without attending to all or part of the lectures. For these cases, students should proceed as follows:

- At the beginning of the course, student should inform to lecturer responsible for the course, the incidence that makes her/him unable to attend the class. This must be adequately justified in documentary form.
- The lecturers in charge, in the light of this information, will decide the possibility of evaluation without full or partial assistance to the lectures.

Students who are in this situation must submit for evaluation all work required by the lecturer (not necessarily the same to those required for the course) and may also be called to defend them orally to the lecturer, and conduct a knowledge test. The weight of the final grade work will be 50% and the test the remaining 50% knowledge.

Regarding the obligations that students have when using AI in assessable activities, and concerning the declaration of responsible AI use, please refer to the "Guidelines for the Responsible Use of Artificial Intelligence (AI) in Teaching and Assessment Activities at the University of Valencia" at the following link: https://www.uv.es/graus/normatives/Guia_actuacio_IA_UV.pdf.

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