

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

Code: 33827
Name: Evaluation of Information Systems
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2025-26

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 of web resources

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

3. USER-ORIENTED EVALUATION

- Unit 7. Evaluation of user satisfaction
- Unit 8. Evaluation of the impact or benefits of information systems

4. EVALUATION OF WEB RESOURCES

- Unit 9. Evaluation of web resources. Quality criteria. Accreditation agencies

5. 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
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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

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

1. Written final test which will account for 50% of the final mark.
2. Class presentations and practical assignments will account for 50% of the final mark.

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 lectures 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.



To be allowed to sit the final exam, students must have submitted at least 80% of the practical assessments. Otherwise, the overall grade for the course will be NO PRESENTED. The mark obtained in this section represents 50% of the final grade, and these activities will not be recoverable in the second call.

To pass the course students require a minimum mark of 5 out of 10 in the final exam.

Exams	50%
Practical assignments	50%
TOTAL	100 %

Students who do not attend theoretical and/or practical classroom activities regularly must submit individual and group assignments and, additionally, must read a series of texts as indicated by the lecturer at the beginning of the course.

In the second call only the final exam score can be recovered.

The presentation of exercises, questions, activities, reading cards and other exercises subject to evaluation that have not been carried out directly by the student or that come from the direct copy of other similar works will be considered sufficient reason for failure in the subject, regardless of the other possible actions of disciplinary nature that must be carried out. The presentation of the compulsory assignments will be exclusively through the virtual classroom platform of the course, no other means of presentation will be accepted, always within the time limits indicated. Late submission of the assignments will make it impossible to pass the course in that call.

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