

25722 - Applications for digital information resources

Syllabus Information

Academic year: 2024/25

Subject: 25722 - Applications for digital information resources

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 268 - Degree in Information Management

ECTS: 6.0

Year: 3

Semester: First Four-month period

Subject type: Compulsory

Module:

1. General information

The goal of this subject is to acquire the competences and skills necessary to create, organize and structure correctly references, lists and bibliographic repertoires.

The subject develops the basic competencies and skills to design, implement and maintain specialized digital information resources, such as guides, directories, collections or digital libraries. It is developed with a practical approach, which combines theory with laboratory practice based on project development.

Once the subjects Digital Publishing, Information Retrieval and Database Fundamentals have been taken, the next step is to the understanding and application of the concepts in the design, implementation and deployment of information resources.

2. Learning results

- Identifies different types of information resources and knows their distinctive characteristics.
- Effectively and efficiently uses the different types.
- Develops resource design and implementation processes.
- Select the most appropriate metadata schema for each case.
- Proposes the appropriate type of resource in each context.
- Develops the contents of the digital information resource

3. Syllabus

1. Digital information product and resource concepts
2. Metadata schemas
3. Development of digital document collections.
4. Specialized tools: Content management systems; subject directories/guides; repositories; digital libraries; collection managers and virtual exhibitions.

4. Academic activities

Learning is based on direct interaction with tools and resources. Theoretical and practical knowledge is combined in a computer lab. The activities are as follows:

- Theoretical classes: presentation of theoretical contents and discussion with students.
- Laboratory practices: practices with computer tools in the laboratory.
- Individual project: definition, implementation and publication of digital information resources.
- Group work project: Development of a collaborative project for planning, implementation and development of a digital information product or resource.
- Tutorials: resolution of any doubts that may arise and follow-up of individual practical work.

5. Assessment system

FIRST CALL

Continuous Assessment

1. *Internships*: Value: 40%. *Assessment criteria*: Application of methodology and tools. Compliance with technical requirements.
2. *Collaborative project*: Value: 20%. *Assessment criteria*: Application of the methodology and specific tools used in the subject.

Compliance with project requirements.

3. *Theoretical-practical test*. Value: 40%. Exercise on theoretical and practical contents. *Criteria*: Understanding and correspondence with the theoretical and practical contents of the subject. Organization, writing and argumentation.

To pass, 50% of the total possible score is required. The activities can only be offset against each other if reaches at least 40% of the maximum possible score in each of them. Information directly related to the development and execution of the tests may be requested at any time to student.

Global evaluation test

Theoretical-practical exam as indicated in the previous section, value of 70%. Delivery of practices, value of 30%. No will admit practices already done in continuous evaluation. *Criteria*: Understanding and correspondence with the theoretical and practical contents of the subject . Organization, writing and argumentation.

SECOND CALL

Global assessment test: identical to that of the first call.

6. Sustainable Development Goals

4 - Quality Education

5 - Gender Equality

17 - Partnerships for the Goals