25720 - Integrated systems for information units

Syllabus Information

Academic year: 2023/24
Subject: 25720 - Integrated systems for information units
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

There is a clear need to use computer and telematic systems and applications in the automation of the different Information Services. This subject updates previous subjects, and includes Libraries, Archives, Documentation Centers, and complements all of them with the SSII for Scientific Publication.

The SDGs

Goal 4: Quality Education.

Goal 5: Gender Equality.

Goal 8: Decent Work and Economic Growth

Goal 17: Alliances to Achieve Goals.

Requirements: Given the strong technological component of the subject, it is advisable to review the contents of the more technological subjects of the Degree. In any case, this knowledge will be seen during the development of the course, and the Complementary Academic Activities in Computer Laboratory will be used when necessary.

2. Learning results

- Organizes and structures data related to the description of documents and collections of documents in any medium.

- Creates and exploits tools for accessing data, documents or references. Prepares, manages and disseminates information.

- It makes the processed information available and exploitable and facilitates its use by providing documentary products and services in a digital environment.

- Uses and implements computer methods, techniques and tools for the computerization of Information Units and Services.

- Applies and develops specialized digital information services.

- Problem solver: analyzes, proposes, plans and synthesizes.

- Works in an interdisciplinary team.

- Learn autonomously.

- It is capable of organizing and planning such a system.

3. Syllabus

1. Concept, functions and application environments of integrated systems.

2. Typology of platforms and tools for information units and services:

- Integrated systems for libraries

- Integrated systems for archives

- Integrated document management systems

- Integrated systems for scientific publishing

4. Academic activities

Methodology:

- Theory and practice supported in a computer room, where the entire subject is taught.

- Use of *e-learning* environment.

- Use of LAMP server with individual access accounts.

- Individual and team work.

The learning activities consist of:

- Theoretical Subject Material (ADD)

- Assisted installation of the applications on the LAMP server of the subject

- Practices of the various modules of the Integrated Systems for Information Units, individually and in groups, especially in the modules of administration, parameterization and migration (import/export of data)

5. Assessment system

FIRST CALL

GLOBAL ASSESSMENT TEST

Test 1: Installation and practices with several Integrated Systems (30% of the total grade of the subject). It will be essential to pass this test in order to pass the subject.

a) *Characteristics*: Installation of the Integrated Systems in the individual accounts of the LAMP Server (Web 2.0) of the subject. Configuration, customization, import/export of data, generic use of the applications

b) *Criteria*: correct configuration, use of the customisation possibilities, quantity and quality of the imported/exported information, quality of the internships and of the subject dossier.

Test 2: Theoretical-practical examination of the subject syllabus. (70% of the total grade of the subject). It will be essential to pass this test in order to pass the subject.

The *evaluation criteria* will be based on

- Level of theoretical knowledge of the methods and techniques of Integrated Systems for Information Units

- Level of success in the practical application of the methods and techniques of the Integrated Systems for Information Units - Understanding and correspondence with the theoretical and practical contents exposed to the student and contained in the reference materials.

- Capacity for organization, writing and argumentation, and execution of the assigned tasks.

SECOND CALL

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