

Open Data and the Reuse of Information

Code: 43598
ECTS Credits: 6

Degree	Type	Year	Semester
4315503 Records Management, Transparency and Access to Information	OB	0	1

Contact

Name: Remo Suppi Boldrito
Email: Remo.Suppi@uab.cat

Use of Languages

Principal working language: spanish (spa)

Prerequisites

Basic knowledge about information systems and files.

Objectives and Contextualisation

In this subject the students will get knowledge, methods and skills to propose and deploy innovative solutions to the management, use and reuse of Open Data.

These objectives will be deployed using a methodology based on virtual sessions that will allow the students to contact with the fundamental concepts of the subject, activities of elaboration based on cases of use and analysis of the concepts to practical proposals.

Competences

- Analyse, synthesise, organise and carry out planning in management environments and activities.
- Apply the legal rulings and standards for archive and records management in the production and evaluation of projects.
- Continue the learning process to be able to work autonomously.
- Demonstrate capacity for leadership and initiative and generate innovative and competitive proposals.
- Design and administrate information systems based on Open Data and the reuse of information.
- Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
- Use critical reasoning and demonstrate social and ethical commitment and respect for diversity and multiculturalism.

Learning Outcomes

1. Apply systems of information recovery.
2. Applying deontological ethics to projects development in standards application and recommendations on records and archives management.
3. Characterizing the organizational, political and social environments for the definition of information models and policies.
4. Designing innovative proposals in the reuse of information.
5. Identify the value of information resources and the business opportunities that they provide.
6. Identifying organizational, political and social changes of the environments in which information models and policies are applied.
7. Recognise international standards and recommendations for archive and records management.

8. Understand the area of law related to access to information and data protection.
9. Understand the technical requirements for the reuse of information.
10. Understand the technological environments of content publication.
11. Using planning and management control instruments.

Content

1. Introduction to Open Data
2. Analysis of the legislation for the reuse of information
3. The intensive exploitation of the information and the business index
4. Big data and information retrieval. The data market
5. The use of web tools for the publication of content

Methodology

The methodology will be based on a combination of interactive virtual classes (where the student can intervene and discuss the presented concepts), participation in forums and individual work on different cases of use proposed. For these cases of study the student will receive a problem description that must analyze/solve/deploy the most appropriate solution and upload to the virtual platform (Campus Virtual). Finally, an individual (virtual) interview will be conducted to verify the degree of knowledge acquired. All the interaction and communication with the students will be done through the UAB Virtual Campus platform.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Virtual Classroom	15	0.6	3, 8, 10, 9, 6, 7
Type: Supervised			
Use cases Labs reports	40	1.6	2, 1, 8, 10, 9, 4, 5, 6, 7, 11
Type: Autonomous			
Cases analysis and study	65	2.6	2, 3, 8, 10, 9, 4, 6, 7

Assessment

Re-evaluation: the activities related to the "Labs Reports" can be recovered (partially/totally) for those students with a minimum grade in average of the subject of 3.5. In this case a period of one week will be enabled for the student to recover the activities not delivered or with a grade lower than 5.0 in order to pass the subject.

Plagiarism: Without prejudice to other disciplinary measures considered appropriate, and in accordance with current academic regulations, irregularities committed by a student that may generate a variation of the grade will be scored with a zero (0). For example, plagiarizing, copying, letting copy ..., an evaluation activity, will be graded with zero (0). The evaluation activities qualified with zero (0) will not be recoverable.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Interview	30	1	0.04	2, 3, 8, 10, 9, 5, 6, 7
Participation in forums	20	10	0.4	2, 3, 8, 10, 9, 4, 5, 6, 7
Use cases Labs reports	40	9	0.36	2, 1, 8, 10, 9, 4, 5, 11
Virtual Classroom	10	10	0.4	2, 3, 8, 10, 9, 6, 7

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