Open Data

Academic Year: (2021 / 2022) **Review date: 10-06-2021**

Department assigned to the subject: Library and Information Sciences Department

Coordinating teacher: ARAGON GONZALEZ, INES

Type: Electives ECTS Credits : 6.0

Year : 4 Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Transparency and electronic government
Digital Information: legal and ethic aspects
Semantic web
Advanced metadata

OBJECTIVES

CG3 - Be able to identify processes and workflows in an organization and apply techniques and tools for the description, control, management and preservation of documentation, especially electronics, throughout its life cycle.
CG4 - Know the research models and methods in the field of digital information.
CG7 - Understand the main concepts related to ethics of information and apply the principles relating to data protection, transparency and e-government.

CE2 - Know the theoretical models of information retrieval, manage easily the different query languages and interfaces of information retrieval systems, and be able to interact with them to resolve any information needs.
CE3 - Know infrastructures, social, technical and data sources aspects, and other related to data intensive research.
CE4 - Know ways to collect, process, refine and add data understanding users and organizations needs and how they need it.
CE15 - Be able to advise for the definition of strategy and project management regarding tracking, indexing, content structuring, content expulsion, link building, etc.

DESCRIPTION OF CONTENTS: PROGRAMME

1. Open Data: basic concepts
2. Regulatory framework
3. The value of open data
4. Data opening
5. Open data portals
6. Open data reuse
7. New trends in the world of open data

LEARNING ACTIVITIES AND METHODOLOGY

Acquisition of theoretical and practical knowledge (3 ECTS) through theoretical classes, teaching materials prepared by teachers, specialized readings and debates, as well as the personal study of students.

Acquisition of skills and abilities (3 ECTS) through readings, case studies and practical exercises, to reinforce the theoretical knowledge acquired by students.

The tutorials schedule will be available in the allocated space to the subject in Aula Global.

ASSESSMENT SYSTEM

The final grade will result of a continuous assessment, according to the following scale:

- 60% final exam.

- 40% activities and exercises, individual and team marks, including the active participation in the

sessions about readings, case studies, tutorials, etc.

NOTE: Plagiarism in whatever assignment means losing the grade of that assignment.

% end-of-term-examination:	60
% of continuous assessment (assigments, laboratory, practicals…):	40

BASIC BIBLIOGRAPHY

- null Directiva (UE) 2019/1024 del Parlamento Europeo y del Consejo, de 20 de junio de 2019, relativa a los datos abiertos y la reutilización de la información del sector público. (DO L, núm. 172, de 26 de junio de 2019, pp. 56 a 83). , Recuperado de https://boe.es/doue/2019/172/L00056-00083.pdf.
- null Ley 19/2013, de 9 de diciembre, de transparencia, acceso a la información pública y buen gobierno (BOE núm. 295, de 10 de diciembre de 2013, pp. 97922 a 97952). , Recuperado de https://boe.es/buscar/doc.php?id=BOE-A-2013-12887.
- null Portal datos.gob.es. (21 febrero, 2017). Datos abiertos, big data y gobierno abierto: diferentes tipos de datos [Artículo en web]., Recuperado de http://datos.gob.es/es/noticia/datos-abiertos-big-data-y-gobierno-abierto-diferentes-tipos-de-datos.