# uc3m Universidad Carlos III de Madrid

#### Information Skills

Academic Year: (2022 / 2023) Review date: 20-05-2022

Department assigned to the subject: Library and Information Sciences Department

Coordinating teacher: ARAGON GONZALEZ, INES

Type: Compulsory ECTS Credits: 3.0

Year: 1 Semester: 1

#### REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

neither

#### **OBJECTIVES**

At the completion of this course, students will:

- 1. Understand the importance of resource-based learning and research.
- 2. Be able to recognize information problems and develop effective strategies to solve them.
- 3. Be familiar with general and specialized information sources, and be able to determine their appropriateness for the task at hand.
- 4. Be able to determine the reliability and quality of information and its sources.
- 5. Have developed their information retrieval skills, as much as improved the precision and efficiency of their searches.
- 6. Be able to use information ethically, avoiding plagiarism, and following academic conventions and professional requirements.

#### **DESCRIPTION OF CONTENTS: PROGRAMME**

#### Unit 1. WHERE TO FIND RELIABLE INFORMATION IN DIGITAL SOCIETY

- Information overload and disinformation.
- Information in Digital Society: risks and challenges.
- Critical, reflective and proactive use of digital information.
- Information sources: identification, selection and evaluation.
- New spaces for interaction with knowledge. Social networks as a source of scientific information.

## Unit 2. RETRIEVAL AND ORGANIZATION OF INFORMATION

- Principles and strategies of an efficient information retrieval in the digital environment.
- Knowledge and use of the main gateways and collections of general and specialized digital information sources.
- Tools for the organization of information and reference management.

## Unit 3. ETHICAL USE OF INFORMATION

- Ethics and intellectual property.
- The academic work without plagiarism.
- The creation and management of in-text citations and bibliographic references.
- The presentation and organization of bibliographic references.
- Tools for the automatic analysis of similarity and plagiarism prevention.

## LEARNING ACTIVITIES AND METHODOLOGY

#### TEACHING IS FULL TAUGHT IN THE SYNCHRONOUS AND INTERACTIVE ONLINE MODALITY

Acquisition of theoretical knowledge (1 ECTS), through lectures, teaching materials prepared by the teacher, online tutorials, specialized reading, and the student's personal study, related to theoretical competences.

Acquisition of practical skills and abilities (2 ECTS), through case-studies oriented to information seeking in web sources, analysis of these sources, evaluation of results, presentation and citation of

content. These assignments will be in particular oriented on the acquisition and development of practical skills.

The days and hours of tutorship sessions for each group will be available in the course space in Aula Global.

#### ASSESSMENT SYSTEM

For the evaluation of this subject, a continuous assessment process will be exclusively followed, according to the following parameters:

- Formative assessment based on self-assessment exercises to measure the acquisition of theoretical knowledge, and practical activities and exercises: up to 70% of the final grade.
- Final test held on the last day of classes, during usual hours: up to 30% of the final grade (ON-SITE)

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Students not passing this subject will have an additional opportunity to make up for it provided they have participated in at least 30% of its learning and continuous assessment activities. To benefit from this opportunity, students must complete the following activities:

- Multiple choice test where the acquisition of specific knowledge of the subject (50% of grade) will be verified. This test will take place the day before the start of the extraordinary call. The teacher will notify students the time for its realization.
- Work proposed by the teacher (50% of grade). Deadline for work delibery is the date of the exam.

If the student satisfactorily completes the supplementary assessment, the record would be updated accordingly.

IMPORTANT NOTICE: Plagiarism is completely forbidden. If detected, no credit for the activity will be given.

% end-of-term-examination:

0

% of continuous assessment (assignments, laboratory, practicals...):

100

# BASIC BIBLIOGRAPHY

- Bobish, Greg y Jacobson, Trudi (ed.) The Information Literacy User's Guide: An Open, Online Textbook, Geneseo, NY: State University of New York at Geneseo, , 2014. Disponible en: http://textbooks.opensuny.org/the-information-literacy-users-guide-an-open-online-textbook/.
- Pacios Lozano, Ana R. (coord.) Técnicas de búsqueda y uso de la información, Madrid: Editorial Universitaria Ramón Areces,, 2013