# uc3m Universidad Carlos III de Madrid

## Data engineering legal and ethical issues

Academic Year: (2022 / 2023) Review date: 08-04-2022

Department assigned to the subject: Public State Law Department Coordinating teacher: PEDRAZA CORDOBA, JUANITA DEL PILAR

Type: Compulsory ECTS Credits: 3.0

Year: 5 Semester: 2

#### **OBJECTIVES**

CB1: That students have demonstrated to possess and understand knowledge in an area of ¿¿study that starts from the base of general secondary education, and is usually found at a level that, although supported by advanced textbooks, also includes some aspects that they imply knowledge coming from the vanguard of their field of study. CB2: That students know how to apply their knowledge to their work or vocation in a professional manner and have the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of ¿¿study

CB3: That students have the ability to gather and interpret relevant data (normally within their area of ¿¿study) to make judgments that include a reflection on relevant issues of social, scientific or ethical nature CE17: Ability to know the security requirements (with emphasis on privacy) of big data environments and the consequent protection measures: techniques; organizational and legal, as well as knowing and managing encryption techniques and their use to ensure data security.

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

- 1. Information society and telecommunications
- 2. Personal data protection
- 3. Information society services
- 4. The electronic Administration
- 5. Intellectual and industrial property
- 6. Online criminal and punitive law
- 7. Professional deontology and codes of conduct

## LEARNING ACTIVITIES AND METHODOLOGY

The continuous evaluation system is based on a practice-oriented teaching that aims to reinforce the learning of theory through direct experience in cases that should facilitate the understanding and management of its content.

Academic activities are divided into Master Lessons (large group) and Practice Sessions (small groups).

- 1. Master classes (Large Groups), in which the general lines of the subject matter of the corresponding topic will be exposed. These sessions will be taught remotely through the platform indicated by the teacher.
- 2. Practical Sessions (Small Groups), in which specific activities are developed through which a practical vision of the content of the topics will be offered. The activities to be carried out will consist of solving practical exercises, as well as, where appropriate, other control activities such as reading the bibliography or relevant sentences and surprise tests or questions to check the level of knowledge on the topics. These activities will be duly announced in Aula Global. The sessions will be taught in person, except in exceptional cases for the groups that the teaching load establishes.

The tutorials will be held at the time and under the conditions determined by the teacher in Aula Global.

If new extraordinary measures are adopted that require distance teaching, it will continue to be taught under the same conditions initially foreseen (with the same programming, methodology, activities, etc.), although all practical sessions will be taught online.

### ASSESSMENT SYSTEM

The global evaluation of the subject in the ordinary call will be carried out based on the weighting of the marks obtained in the continuous evaluation activities, which is equivalent to 40% of the final grade. The final exam grade is equivalent to the remaining 60%.

Activities not carried out during the continuous evaluation will be rated with a 0. The final grade obtained may be adjusted by the teacher (up to a maximum of one point) depending on participation and class interventions.

Each teacher may require a minimum grade in the final exam in their group to carry out the global evaluation, provided that it is expressly indicated at the beginning of the term, through Aula Global or any other means. In this case, the final grade will be the one to apply according to the agreement of the Board of the Faculty of Social and Legal Sciences of December 16, 2014, available at the link https://e-archivo.uc3m.es/handle/10016 / 21141

The evaluation in the extraordinary call, if the student followed continuous evaluation, he will have the right to be taken into account the grade of the same (whenever it benefits him), and if he did not follow it, he will have the right to take a final exam with a value of 100 % of the total grade of the subject.

Students who do not take the final exam, either in the ordinary or extraordinary call, will appear as not presented.

In the event that extraordinary measures are adopted that require distance teaching, the evaluation system will be maintained in the same terms, although the teacher may adapt the activities of the continuous evaluation initially scheduled. In this situation, the teacher will determine the conditions for taking the final exam at a distance, which, to the extent possible, will remain the same as originally planned.

- · Percentage weight of the Final Exam 60%
- · Percentage weight of the rest of the evaluation 40%

% end-of-term-examination: 60

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

### **BASIC BIBLIOGRAPHY**

- Descalzo, Antonio Good governance: scope of application, general and action principles, disciplinary infractions and conflicts of interest¿, in the collective book Transparency, access to information and good governance, Tecnos, 2014
- GUICHOT, EMILIO Transparency and access to information in European law, Derecho Global , 2014
- PITSCHAS, Rainer. Administrative law of information, Derecho Global, 2013

#### BASIC ELECTRONIC RESOURCES

- EUROPEAN UNION . Access to European Union Law : https://eur-lex.europa.eu/homepage.html?locale=es