# uc3m | Universidad Carlos III de Madrid

## Survey Design and Survey Analysis

Academic Year: (2019 / 2020) Review date: 04-05-2020

Department assigned to the subject: Social Sciences Department Coordinating teacher: FERRANDIZ MAGAÑA, JOSE PABLO

Type: Compulsory ECTS Credits: 6.0

Year: 1 Semester: 2

### **OBJECTIVES**

The student learns to design and implement a survey. Here are the main competences:

- Decide the ideal survey type
- 2. Writing and organizing questionnaires
- 3. Learning basic principles of basic design
- 4. Conducting interviews
- Making a report of results after conducting interviews

## **DESCRIPTION OF CONTENTS: PROGRAMME**

- 1. Introduction to the representative survey
- 2. Phases in the preparation of a survey
- 3. Types of survey and types of interview
- 4. Questionnaire design: writing questions
- 5. Questionnaire design: organization of the questions
- 6. Structuring the questionnaire
- 7. Sample design
- 8. Sample selection
- 9. Confidence intervals and hypothesis testing
- 10. Preliminary analysis of surveys
- 13. Case analysis I
- 14. Case analysis II
- 15. Reporting

### ASSESSMENT SYSTEM

The final exam will represent 50% of the final grade and the continous evaluation will represent 50% of the final grade.

% end-of-term-examination: 50
% of continuous assessment (assigments, laboratory, practicals...): 50