# uc3m Universidad Carlos III de Madrid

## Survey Design and Survey Analysis

Academic Year: ( 2022 / 2023 ) Review date: 08-02-2023

Department assigned to the subject: Social Sciences Department Coordinating teacher: FERNANDEZ GONZALEZ, JUAN JESUS

Type: Compulsory ECTS Credits: 6.0

Year: 1 Semester: 2

# **OBJECTIVES**

The student learns to design and implement a survey:

- Decide the ideal survey type
- Writing and organizing questionnaires
- 3. Learning basic principles of basic design
- 4. Using software for survey analysis
- 5. Conducting interviews

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

#### Contents

- Introduction to representative samples
- Stepts in survey construction
- Types of surveys
- 4. Questionnaire design I
- 5. Questionnaire design II
- Questionnaire structure
- 7. Sampling design
- 8. Sample selection
- Confidence intervals
- 10. Practical survey design with online survey
- Statistical software
- 12. Introduction to survey analysis
- 13. Case study I
- Case study II

#### LEARNING ACTIVITIES AND METHODOLOGY

## Formative activities

The training activities will involve a constant feedback process between lectura materials and their implementation in class activities. Office hours will be held with small groups and will aim to solve questions and concerns of students.

## ASSESSMENT SYSTEM

The grading will involve two main elements:

Examen Final: 40% of the final grade

Continuous evalation: 60% of the final grade

Extraordinary assessment: The grade of the continuous evaluation assessment is kept in the event that the student had followed it. If the student did not follow it, she/he is entitled to an exam with a value of 100% of the total grade for the subject.

% end-of-term-examination: 40

% of continuous assessment (assigments, laboratory, practicals...): 60

# **BASIC BIBLIOGRAPHY**

- Bradburn, Norman, Seymour Sudman, and Brian Wansink Asking Questions, Wiley, 2004

- Converse, Jean and Stanley Presser Survey Questions: Handcrafting the standardized questionnaire, Sage, 1986
- Fowler, Floyd Survey Research Methods, Sage, 2013