SUBJECT TEACHING GUIDE

G343 - Statistics I

DOUBLE DEGREE IN ADMINISTRATION AND BUSINESS MANAGEMENT AND ECONOMICS

Double Degree in Business Administration and Management and Labour Relations
Double Degree in Law and Administration and Business Management
Degree in Business Administration and Management
First Degree in Business Administration and Management

Academic year 2023-2024

1. IDENTIFYING DATA			
Degree	DOUBLE DEGREE IN ADMINISTRATION AND BUSINESS MANAGEMENT AND ECONOMICS	Type and Year	Core. Year 1 Core. Year 1
Faculty	Faculty of Economics and Business Studies		
Discipline	STATISTICS Subject Area: Statistics Basic Training Module		
Course unit title and code	G343 - Statistics I		
Number of ECTS credits allocated	6	Term	Semester based (1)
Web			
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. ECONOMIA
Name of lecturer	MARTA GUIJARRO GARVI
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Office	Edificio de las Facultades de Derecho y Ciencias Económicas y Empresariales. Planta: + 1. DESPACHO MARTA GUIJARRO GARVI (E159)
Other lecturers	MARIA DEL PILAR SABARIEGO ARENAS CARMEN TRUEBA SALAS MERCEDES TEJERIA MARTINEZ JOSE MIGUEL FRAILE MUÑOZ LORENA REMUZGO PEREZ

3.1 LEARNING OUTCOMES
- Ability to adapt the reality to the statistical language.
- Understand the theoretical foundations of descriptive statistics.
- Capacity to apply the fundamentals of descriptive statistics fo economic data.
- Competence to solve problems of descriptive statistics using computer
- Understand the theoretical and practical foundations of probability.

4. OBJECTIVES
Conceptual objectives: To know the main concepts about statistical information To understand and know the theoretical and practical foundations of descriptive statistics and the calculation of probabilities
Procedural objectives: To use computers in the resolution of descriptive statistics problems To interpret the results of a statistical analysis
Attitudinal objectives: To achieve personal autonomy To develop capacity to work in teams

6. COURSE ORGANIZATION	
CONTENTS	
1	ONE VARIABLE ANALYSIS One-Dimensional Frequency Distributions Position and dispersion measures Shape and concentration measures
2	BIVARIATE ANALYSIS Two-dimensional frequency distributions Linear regression Categorical data analysis
3	ANALYSIS OF VARIABLES OVER TIME Index numbers and rates of change
4	PROBABILITY Introduction to probability

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Test 1	Written exam	No	Yes	30,00
Test 2	Written exam	No	Yes	45,00
Test 3	Others	No	Yes	25,00
TOTAL				100,00

Observations

If a student does not pass the course under the continuous assessment framework, he/she could take another exam that includes all the contents of the course during the reassessment period. The course grade will be the weighted average of the scores obtained in two tests: one theoretical-practical test and one laboratory test, according to the weights of the continuous assessment framework (75 and 25 percent, respectively).

Those students that, via student exchange programs, spent the semester in another university will be considered as part-time students.

If the health and educational authorities establish the full suspension of the face-to-face learning, students will be remotely evaluated using the Moodle platform.

Observations for part-time students

Part-time students could pass this course in just one evaluation session on the date reserved at the end of the first semester. The course grade will be the weighted average of the scores obtained in two tests: one theoretical-practical test and one laboratory test, according to the weights of the continuous assessment framework (75 and 25 percent, respectively).

If a part-time student takes any of the evaluation tests described above, he would be automatically renouncing to the evaluation for part-time students and will be evaluated under the continuous assessment framework.

Part-time students that do not pass the course under the continuous assessment framework could take another exam that includes all the contents of the course during the reassessment period. The course grade will be the weighted average of the scores obtained in two tests: one theoretical-practical test and one laboratory test, according to the weights of the continuous assessment framework (75 and 25 percent, respectively).

If the health and educational authorities establish the full suspension of the face-to-face learning, students will be remotely evaluated using the Moodle platform.

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

Sarabia, J.M., Trueba, C., Remuzgo, L., Jordá, V. y Prieto, F. (2014): Problemas resueltos de Estadística para las Ciencias Sociales. Pirámide, Madrid.