

## SUBJECT TEACHING GUIDE

### G399 - STATISTICS

#### Degree in Labour Relations First Degree in Labour Relations

Academic year 2023-2024

1. IDENTIFYING DATA					
Degree	Degree in Labour Relations First Degree in Labour Relations			Type and Year	Core. Year 1 Compulsory. Year 1
Faculty	Faculty of Law				
Discipline	Topic: Economics Basic Training Module				
Course unit title and code	G399 - STATISTICS				
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	JAVIER RODRIGUEZ MARTINEZ				
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Office	Edificio de las Facultades de Derecho y Ciencias Económicas y Empresariales. Planta: + 1. DESPACHO DE OSCAR ALONSO, JAVIER RODRIGUEZ, DAVID (C129)				
Other lecturers	MARIA DEL PILAR SABARIEGO ARENAS				

### 3.1 LEARNING OUTCOMES

- Ability to adapt the reality to the statistical language.
- Capacity to apply the fundamentals of descriptive statistics to economic data.
- Competence to solve problems of descriptive statistics using computer tools.

**4. 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 .
To use computer tools in the resolution of descriptive statistics problems . To interpret the results of an statistical analysis .
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

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.