

## SUBJECT TEACHING GUIDE

G399 - STATISTICS

Degree in Labour Relations

Academic year 2019-2020

1. IDENTIFYING DATA					
Degree	Degree in Labour Relations			Type and Year	Core. 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	LORENA REMUZGO PEREZ				
E-mail	lorena.remuzgo@unican.es				
Office	Edificio de las Facultades de Derecho y Ciencias Económicas y Empresariales. Planta: + 1. DESPACHO ASOCIADOS (E136)				
Other lecturers	JOSE MARIA SARABIA ALEGRIA CARMEN TRUEBA SALAS JAVIER RODRIGUEZ MARTINEZ OSCAR LUIS ALONSO CIENFUEGOS				

### 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	Descriptive statistics. Descriptive analysis and presentation of univariate data Position measures Dispersion measures Concentration measures
2	Descriptive statistics. Descriptive analysis and presentation of bivariate data Marginal and conditional distributions Statistical independence. Covariance Linear correlation coefficient Linear regression Categorical data analysis
3	Index number and rates of change Index numbers: concepts and types Simple and composite indices Change of base period Deflation of statistical series Rates of changes

## 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Theoretical-practical test 1	Written exam	No	Yes	30,00
Theoretical-practical test 2	Written exam	No	Yes	45,00
Laboratory test	Laboratory evaluation	No	Yes	25,00
TOTAL				100,00

### Observations

If the student does not pass the course under the continuous assessment framework, 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.

### 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.

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.

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

## 8. BIBLIOGRAPHY AND TEACHING MATERIALS

### BASIC

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