



## 1. General information

Course: SCIENTIFIC RESEARCH IN CRIMINOLOGY I

Type: BASIC

Degree: 397 - DEGREE IN CRIMINOLOGY

Center: 3 - FACULTY OF LAW OF ALBACETE

Year: 1

Main language: Spanish

Use of additional  
languages:

Web site:

Code: 51601

ECTS credits: 6

Academic year: 2023-24

Group(s): 10

Duration: First semester

Second language: English

English Friendly: N

Bilingual: N

Lecturer: **MATIAS GAMEZ MARTINEZ** - Group(s): 10

Building/Office	Department	Phone number	Email	Office hours
Facultad de Ciencias Económicas y Empresariales. Despacho 3.13	ECONOMÍA APLICADA I	926053495	matias.gamez@uclm.es	

## 2. Pre-Requisites

Not established

## 3. Justification in the curriculum, relation to other subjects and to the profession

Not established

## 4. Degree competences achieved in this course

## Course competences

Code	Description
CB02	Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and justify arguments and solve problems within their subject area.
CB03	Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant social, scientific or ethical issues.
CB04	Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.
CE07	To identify sources of crime information and interpret crime-related data.
CE08	To design an empirical research project, apply quantitative and qualitative research techniques, and analyse data appropriately.
CG01	To develop creative and entrepreneurial skills to formulate, design and manage projects in the field of criminology.
CT02	Knowledge of Information and Communication Technologies.
CT04	Ethical commitment and professional ethics.

## 5. Objectives or Learning Outcomes

## Course learning outcomes

Description

To know the basic statistical sources in Criminology.

To know the basic statistical inference techniques in Criminology.

To master the basic statistical concepts to carry out quantitative data analysis. To identify and know how to apply these concepts in criminological research projects.

To interpret and carry out basic multivariate statistical methods to model the relationship between the variables and their application in Criminology.

To operate basic statistical software for the analysis of quantitative data and its application in Criminology.

To enable critical reasoning and the ability to evaluate quantitative information in the Criminology field.

To enable critical reasoning and the ability to evaluate quantitative information obtained using the usual statistical techniques in Criminology.

## 6. Units / Contents

Unit 1:

Unit 1.1

Unit 1.3

Unit 2:

Unit 2.2

Unit 2.3

Unit 3:

Unit 3.1

Unit 3.2

Unit 3.3

## 7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD)	ECTS	Hours	As	Com	Description
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Class Attendance (practical) [ON-SITE]	Problem solving and exercises	CB02 CB03 CE08 CT02	1.12	28	N	-	
Class Attendance (theory) [ON-SITE]	Lectures	CB03 CB04 CE07 CT02	1.12	28	N	-	
Progress test [ON-SITE]	Assessment tests	CB02 CB04 CE08	0.08	2	Y	Y	
Individual tutoring sessions [ON-SITE]	Other Methodologies	CB04 CE08 CG01 CT04	0.08	2	N	-	
Writing of reports or projects [OFF-SITE]	Self-study	CB02 CB03 CB04 CE07 CE08 CG01	2.6	65	Y	N	
Study and Exam Preparation [OFF-SITE]	Self-study	CB04 CT02	1	25	N	-	
Total:			6	150			
Total credits of in-class work: 2.4			Total class time hours: 60				
Total credits of out of class work: 3.6			Total hours of out of class work: 90				

Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
	Página web: Instituto Nacional de					

	Estadística www.ine.es				
Peña, D. y Roma, J.	Estadística para Ciencias Sociales	McGraw-Hill	Nueva York	9788448116170	1997
Siegel, S. y Castellón, N. J.	Estadística no paramétrica aplicadas a las Ciencias de la Conducta	Trilla	Méjico	9789682451019	1995
Piquero, A.R. & Weiburd, D.	Handbook of quantitative criminology /	Springer,		978-1-4614-1388-2	2013
Bachman, R. & Paternoster, R.	Statistics for criminology and criminal justice /	,SAGE,		978-1-5443-7570-0	2021
Berihuete Macías, Ángel	Estadística descriptiva y probabilidad para criminólogos /	Editorial UCA,		978-84-9828-704-2	2018