



QUANTITATIVE AND QUALITATIVE RESEARCH TECHNIQUES

18512 - QUANTITATIVE AND QUALITATIVE RESEARCH TECHNIQUES (2024-25)

General

Code: 18512

Lecturer responsible:

MUÑOZ GONZALEZ, ANTONIO

Credits ECTS:	9,00
Theoretical credits:	1,60
Practical credits:	2,00
Distance-base hours:	5,40

Departments involved

- **Dept:** SOCIOLOGIA I

Area: SOCIOLOGY

Theoretical credits: 1,6

Practical credits: 2

This Dept. is responsible for the course.

This Dept. is responsible for the final mark record.

Study programmes where this course is taught

- [DEGREE IN CRIMINOLOGY](#)
Course type: COMPULSORY (Year: 2)
- [GRADO EN CRIMINOLOGÍA \(MODALIDAD ONLINE\)](#)
Course type: COMPULSORY (Year: 2)
- [DOUBLE DEGREE IN LAW AND CRIMINOLOGY](#)
Course type: COMPULSORY (Year: 2)

Competencies and objectives

Course context for academic year 2024-25

The scientific study of crime implies the ability to measure it. In this Quantitative and Qualitative Research Techniques class, students are expected to acquire the cognitive and procedural skills that will allow them to overcome the epistemological, methodological and technical difficulties inherent to the analysis of delinquency. Crime is a complex and multidimensional concept as it is related to an heterogenous range of behaviors, variables and phenomena. In many cases, the scientist finds it difficult to access criminological quantitative or qualitative data since crime is often a phenomenon or behavior that remains hidden. Moreover, there is no unification in the data sources that often provide with partial or incomplete information.

Course content (verified by ANECA in official undergraduate and Master's degrees) for academic year {0}

General Competences (CG)

- **CG.1** : Capacitat per a la recerca, l'anàlisi i la síntesi de la informació.
- **CG.2** : Capacitat per a treballar en equip: col·laborar amb els altres i contribuir a un projecte comú.
- **CG.3** : Capacitat d'aprenentatge autònom i adaptació a situacions noves.
- **CG.4** : Capacitat per a la presa de decisions, aplicant els coneixements a la pràctica i el maneig d'instruments tècnics.
- **CG.5** : Capacitat per a la crítica i l'autocrítica.

General Competences acquired at University of Alicante (CGUA)

- **CGUA.2** : Habilitat en l'ús de les tecnologies de la informació i les comunicacions en el seu exercici professional.
- **CGUA.3** : Capacitat de comunicació oral i escrita.

Specific Competences (CE)

- **CE10** : Ser capaç d'explicar i resumir la informació empírica i els resultats de la investigació sobre el crim, la victimització i les respostes davant del delictes i la desviació, i de valorar la metodologia usada (identificar què metodologia és la més apropiada, els seus principis ètics, els seus resultats, etc.).
- **CE11** : Ser capaç d'elaborar un informe criminològic.
- **CE3** : Ser capaç d'extraure i sintetitzar informació de diferents fonts i incloure-hi la utilització de les tecnologies de la informació i la comunicació, de dissenyar i aplicar estratègies d'investigació apropiades per a la recopilació de dades usant mètodes quantitius i qualitius, i ser capaç d'aplicar tècniques bàsiques estadístiques, quan siga necessari, sobre qüestions relatives al crim i a la victimització.
- **CE5** : Ser capaç de proporcionar una explicació analítica de la diversitat i desigualtat social, com també de les seues conseqüències en relació amb el fet delictiu, la victimització i les respostes davant del crim i la desviació.

Exclusive skill taught in this course

No data

Learning outcomes (Training objectives)

No data

Specific objectives stated by the academic staff for academic year 2024-25

To apply the scientific method to the analysis of the criminal phenomenon.

To design a social research project in Criminology.

To apply quantitative and qualitative research techniques of data collection in Criminology

To introduce the student to the basic use of computer statistics software for to primary and secondary data analysis.

To critically analyze the results obtained from a scientific social research process.

To prepare and present scientific analytical reports.

Content and bibliography

Content for academic year 2024-25

I. INTRODUCTION TO SOCIAL RESEARCH

UNIT 1. Introduction to social research

UNIT 2. Social Research Design

II. QUANTITATIVE TECHNIQUES

UNIT 3. Surveys

UNIT 4. Probabilistic Sample Design

III. QUALITATIVE TECHNIQUES

UNIT 5. Conversational Techniques: qualitative of in-depth interview

UNIT 6. Conversational Techniques: focus group

UNIT 7. Observation Techniques: participant observation.

IV. INTRODUCTION TO QUANTITATIVE DATA ANALYSIS WITH SPSS

Related links

No data

La integración de los métodos cuantitativo y cualitativo en la investigación social : significado y medida

Author(s): Bericat Alastuey, Eduardo

Issue: Barcelona : Ariel, 1998;

ISBN: 978-84-344-1693-2

Category: Sin especificar

Metodología de la investigación : las rutas cuantitativa, cualitativa y mixta

Author(s): Hernández Sampieri, Roberto

Issue: México : McGraw Hill Education, 2023;

ISBN: 978-1-4562-9491-5

Category: Básico

La investigación como proceso : planificación y desarrollo

Author(s): Ispizua, María Antonia

Issue: Madrid : Dextra Editorial, 2016;

ISBN: 978-84-16277-73-5

Category: Básico

La investigación social y el dato complejo: una primera aproximación

Author(s): Jorge Sierra, Elena

Issue: Alicante : Publicaciones Universidad de Alicante, 2002;

ISBN: 84-7908-721-8

Category: Sin especificar

Introducción a la investigación criminológica.

Author(s): Roldán Barbero, Horacio

Issue: Granada : Comares, 2009;

ISBN: 978-84-9836-507-8

Category: Complementario

Innovación social : claves y casos

Author(s): Arenilla Sáez, Manuel

Issue: La Coruña : Consello Social Universidade de Coruña, 2015;

ISBN: 978-1-5122-6029-8

Category: Complementario

Assessment

Assessment procedures and criteria 2024-25

- Continual assessment (written and oral exercises, fieldwork and projects): 70%
- Final exam (30%)

Description	Criteria	Type	Weighting system
Written exercises COMPUTER PRACTICES	Presentation of all required exercises.	ACTIVITIES OF EVALUATION DURING THE SEMESTER	40
Written exercises RESEARCH PROJECT	Conducting a research project	ACTIVITIES OF EVALUATION DURING THE SEMESTER	20
Written exercises THEORY	Final exam of the theoretical contents of the subject.	FINAL TEST	40

Official exam dates for academic year 2024-25

Exam session	Date	Time	Group - Classroom(s) allocated	Comments
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(C1) Pruebas extraordinarias de finalización de estudios	01/10/2024	GROUP 1 (THEORY CLASS)
		GROUP 2 (THEORY CLASS)
		GROUP 4 (THEORY CLASS)
		GROUP 77 (THEORY CLASS)
	27/09/2024	GROUP 3 (THEORY CLASS)
	27/09/2024	GROUP 21 (THEORY CLASS)
(C2) Periodo ordinario para asignaturas de primer semestre	13/01/2025	GROUP 1 (THEORY CLASS)
		GROUP 2 (THEORY CLASS)
		GROUP 3 (THEORY CLASS)
		GROUP 77 (THEORY CLASS)
	13/01/2025	GROUP 4 (THEORY CLASS)
	13/01/2025	GROUP 21 (THEORY CLASS)

(C4) Pruebas
extraordinarias para
asignaturas de grado y
máster

26/06/2025

GROUP 1
(THEORY
CLASS)

GROUP 2
(THEORY
CLASS)

GROUP 3
(THEORY
CLASS)

GROUP 4
(THEORY
CLASS)

GROUP 77
(THEORY
CLASS)

14/07/2025

GROUP 21
(THEORY
CLASS)

Academic staff



MUÑOZ GONZALEZ, ANTONIO

Lecturer responsible

THEORY CLASS: Groups: 1 , 3 , 21 , 77 , 2

PROBLEM PRACTICALS / WORKSHOP: Groups: 1 , 2 , 21.1 , 21.2

COMPUTER PRACTICALS: Groups: 1 , 3 , 2



ACEBAL FERNANDEZ, ALEJANDRO

PROBLEM PRACTICALS / WORKSHOP: Groups: 4

COMPUTER PRACTICALS: Groups: 4



AZNAR CRESPO, PABLO

THEORY CLASS: Groups: 77

PROBLEM PRACTICALS / WORKSHOP: Groups: 77

COMPUTER PRACTICALS: Groups: 77



MARTINEZ REIG, JOSE DAVID

THEORY CLASS: Groups: 1 , 2

PROBLEM PRACTICALS / WORKSHOP: Groups: 3

COMPUTER PRACTICALS: Groups: 1 , 2 , 21.1 , 21.2



RODRIGUEZ JAUME, MARIA JOSE

THEORY CLASS: Groups: 1 , 21 , 2



SANTONJA PASTOR, NURIA

THEORY CLASS: Groups: 4

COMPUTER PRACTICALS: Groups: 4

Groups

THEORY CLASS

Group	Semester	Morning or afternoon session	Language	No. of enrolled students	
Gr. 1 (THEORY CLASS) : GROUP 1	1S	Morning	Spanish	56	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY Allowed INTERNATIONAL MOBILITY PROGRAMME
Gr. 2 (THEORY CLASS) : GROUP 6	1S	Morning	Spanish	63	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY
Gr. 21 (THEORY CLASS) : GROUP 21 DECRIM	1S	Morning	Spanish	77	<ul style="list-style-type: none"> Allowed DOUBLE DEGREE IN LAW AND CRIMINOLOGY
Gr. 3 (THEORY CLASS) : GROUP 3 ON-LINE	1S	All day	Spanish	46	<ul style="list-style-type: none"> Allowed GRADO EN CRIMINOLOGÍA (MODALIDAD ONLINE)
Gr. 4 (THEORY CLASS) : GROUP 4	1S	Afternoon	Spanish	63	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY Allowed INTERNATIONAL MOBILITY PROGRAMME
Gr. 77 (THEORY CLASS) : GROUP 5 ENGLISH	1S	Morning	English	12	<ul style="list-style-type: none"> Allowed INTERNATIONAL MOBILITY PROGRAMME Allowed DEGREE IN CRIMINOLOGY

PROBLEM PRACTICALS / WORKSHOP




















Group	Semester	Morning or afternoon session	Language	No. of enrolled students	
Gr. 1 (PROBLEM PRACTICALS / WORKSHOP) : GROUP 1	1S	Morning	Spanish	56	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY Allowed INTERNATIONAL MOBILITY PROGRAMME
Gr. 2 (PROBLEM PRACTICALS / WORKSHOP) : GROUP 6	1S	Morning	Spanish	63	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY
Gr. 21.1 (PROBLEM PRACTICALS / WORKSHOP) : GRUPO 21.1 DECRIM	1S	Morning	Spanish	39	<ul style="list-style-type: none"> Allowed DOUBLE DEGREE IN LAW AND CRIMINOLOGY
Gr. 21.2 (PROBLEM PRACTICALS / WORKSHOP) : GRUPO 21.2 DECRIM	1S	Morning	Spanish	38	<ul style="list-style-type: none"> Allowed DOUBLE DEGREE IN LAW AND CRIMINOLOGY
Gr. 3 (PROBLEM PRACTICALS / WORKSHOP) : GROUP 3 ON-LINE	1S	All day	Spanish	46	<ul style="list-style-type: none"> Allowed GRADO EN CRIMINOLOGÍA (MODALIDAD ONLINE)

Group	Semester	Morning or afternoon session	Language	No. of enrolled students	
Gr. 4 (PROBLEM PRACTICALS / WORKSHOP) : GROUP 4	1S	Afternoon	Spanish	63	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY Allowed INTERNATIONAL MOBILITY PROGRAMME
Gr. 77 (PROBLEM PRACTICALS / WORKSHOP) : GROUP 5 ENGLISH	1S	Morning	English	12	<ul style="list-style-type: none"> Allowed INTERNATIONAL MOBILITY PROGRAMME Allowed DEGREE IN CRIMINOLOGY


















COMPUTER PRACTICALS

Group	Semester	Morning or afternoon session	Language	No. of enrolled students	
Gr. 1 (COMPUTER PRACTICALS) : GROUP 1	1S	Morning	Spanish	56	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY Allowed INTERNATIONAL MOBILITY PROGRAMME
Gr. 2 (COMPUTER PRACTICALS) : GROUP 4	1S	Morning	Spanish	63	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY Allowed INTERNATIONAL MOBILITY PROGRAMME
Gr. 21.1 (COMPUTER PRACTICALS) : GRUPO 21.1 DECRIM	1S	Morning	Spanish	39	<ul style="list-style-type: none"> Allowed DOUBLE DEGREE IN LAW AND CRIMINOLOGY
Gr. 21.2 (COMPUTER PRACTICALS) : GRUPO 21.2 DECRIM	1S	Morning	Spanish	38	<ul style="list-style-type: none"> Allowed DOUBLE DEGREE IN LAW AND CRIMINOLOGY
Gr. 3 (COMPUTER PRACTICALS) : GROUP 3 ON-LINE	1S	All day	Spanish	46	<ul style="list-style-type: none"> Allowed GRADO EN CRIMINOLOGÍA (MODALIDAD ONLINE)
Gr. 4 (COMPUTER PRACTICALS) : GROUP 6	1S	Afternoon	Spanish	63	<ul style="list-style-type: none"> Allowed DEGREE IN CRIMINOLOGY
Gr. 77 (COMPUTER PRACTICALS) : GROUP 5 ENGLISH	1S	Morning	English	12	<ul style="list-style-type: none"> Allowed INTERNATIONAL MOBILITY PROGRAMME Allowed DEGREE IN CRIMINOLOGY






















THEORY CLASS









Group	Start date	End date	Day	Start time	End time	Lecture room
1	09/09/2024	11/10/2024	MIE	11:00	13:00	A1/1-49M 
1	09/09/2024	11/10/2024	VIE	09:00	11:00	DE/0-02I 
1	09/09/2024	11/10/2024	VIE	09:00	11:00	DE/0-01I 
1	14/10/2024	20/12/2024	MIE	11:00	13:00	A1/1-49M 
2	09/09/2024	11/10/2024	LUN	09:00	11:00	DE/0-01I 
2	09/09/2024	11/10/2024	LUN	09:00	11:00	DE/0-02I 
2	09/09/2024	11/10/2024	JUE	09:00	11:00	A1/1-30M 
2	14/10/2024	20/12/2024	JUE	09:00	11:00	A1/1-30M 
21	09/09/2024	23/10/2024	LUN	11:00	13:00	A1/0-06X 
21	09/09/2024	23/10/2024	MIE	09:00	11:00	A1/0-06X 
21	09/09/2024	23/10/2024	JUE	10:00	12:00	DE/0-01I 
21	09/09/2024	23/10/2024	JUE	10:00	12:00	DE/0-02I 
4	09/09/2024	11/10/2024	LUN	16:00	18:00	A1/1-31M 
4	09/09/2024	11/10/2024	VIE	15:00	17:00	DE/0-01I 
4	09/09/2024	11/10/2024	VIE	15:00	17:00	DE/0-02I 
4	14/10/2024	20/12/2024	VIE	15:00	17:00	DE/0-02I 
4	14/10/2024	20/12/2024	VIE	15:00	17:00	DE/0-01I 
77	09/09/2024	22/11/2024	MAR	10:00	12:00	A1/1-42S 
77	09/09/2024	22/11/2024	MIE	11:00	13:00	A1/1-42S 

PROBLEM PRACTICALS / WORKSHOP

Group	Start date	End date	Day	Start time	End time	Lecture room
1	22/10/2024	22/10/2024	MAR	10:30	12:00	DE/0-01I 
1	22/10/2024	22/10/2024	MAR	10:30	12:00	DE/0-02I 
1	28/10/2024	20/12/2024	MAR	10:00	12:00	DE/0-01I 
1	28/10/2024	20/12/2024	MAR	10:00	12:00	DE/0-02I 
2	23/10/2024	23/10/2024	MIE	10:30	12:00	DE/0-02I 
2	23/10/2024	23/10/2024	MIE	10:30	12:00	DE/0-01I 
2	28/10/2024	20/12/2024	MIE	10:00	12:00	DE/0-02I 
2	28/10/2024	20/12/2024	MIE	10:00	12:00	DE/0-01I 
21.1	21/10/2024	20/12/2024	VIE	13:00	15:00	DE/0-01I 
21.2	21/10/2024	20/12/2024	JUE	10:00	12:00	DE/0-02I 
4	23/10/2024	23/10/2024	MIE	15:30	17:00	DE/0-01I 
4	23/10/2024	23/10/2024	MIE	15:30	17:00	DE/0-02I 
4	28/10/2024	20/12/2024	MIE	15:00	17:00	DE/0-02I 
4	28/10/2024	20/12/2024	MIE	15:00	17:00	DE/0-01I 
77	02/12/2024	13/12/2024	MAR	10:00	12:00	A1/1-42S 
77	02/12/2024	13/12/2024	MIE	11:00	13:00	A1/1-42S 
77	02/12/2024	13/12/2024	VIE	12:00	14:00	A1/1-42S 
77	16/12/2024	20/12/2024	MAR	10:00	12:00	A1/1-62I 
77	16/12/2024	20/12/2024	MIE	11:00	13:00	A1/1-62I 
77	16/12/2024	20/12/2024	VIE	12:00	14:00	A1/1-25I 

COMPUTER PRACTICALS

Group	Start date	End date	Day	Start time	End time	Lecture room
1	09/09/2024	15/10/2024	MAR	10:00	12:00	DE/0-011 
1	09/09/2024	15/10/2024	MAR	10:00	12:00	DE/0-021 
1	18/10/2024	18/10/2024	VIE	09:00	11:00	DE/0-011 
1	18/10/2024	18/10/2024	VIE	09:00	11:00	DE/0-021 
1	22/10/2024	22/10/2024	MAR	10:00	10:30	DE/0-021 
1	22/10/2024	22/10/2024	MAR	10:00	10:30	DE/0-011 
1	25/10/2024	20/12/2024	VIE	09:00	11:00	DE/0-011 
1	25/10/2024	20/12/2024	VIE	09:00	11:00	DE/0-021 
2	09/09/2024	11/10/2024	MIE	10:00	12:00	DE/0-011 
2	09/09/2024	11/10/2024	MIE	10:00	12:00	DE/0-021 
2	14/10/2024	18/10/2024	LUN	09:00	11:00	DE/0-011 
2	14/10/2024	18/10/2024	LUN	09:00	11:00	DE/0-021 
2	14/10/2024	18/10/2024	MIE	10:00	12:00	DE/0-021 
2	14/10/2024	18/10/2024	MIE	10:00	12:00	DE/0-011 
2	21/10/2024	25/10/2024	LUN	09:00	11:00	DE/0-021 
2	21/10/2024	25/10/2024	LUN	09:00	11:00	DE/0-011 
2	21/10/2024	25/10/2024	MIE	10:00	10:30	DE/0-021 
2	21/10/2024	25/10/2024	MIE	10:00	10:30	DE/0-011 
2	28/10/2024	20/12/2024	LUN	09:00	11:00	DE/0-021 
2	28/10/2024	20/12/2024	LUN	09:00	11:00	DE/0-011 
21.1	28/10/2024	20/12/2024	LUN	11:00	13:00	DE/0-011 

Group	Start date	End date	Day	Start time	End time	Lecture room
21.1	28/10/2024	20/12/2024	JUE	10:00	12:00	DE/0-011 
21.2	28/10/2024	20/12/2024	MIE	09:00	11:00	A1/1-621 
21.2	28/10/2024	20/12/2024	VIE	13:00	15:00	DE/0-021 
4	09/09/2024	11/10/2024	MIE	15:00	17:00	DE/0-021 
4	09/09/2024	11/10/2024	MIE	15:00	17:00	DE/0-011 
4	14/10/2024	18/10/2024	LUN	16:00	18:00	A1/1-31M 
4	14/10/2024	18/10/2024	MIE	15:00	17:00	DE/0-021 
4	14/10/2024	18/10/2024	MIE	15:00	17:00	DE/0-011 
4	21/10/2024	25/10/2024	LUN	16:00	18:00	A1/1-31M 
4	21/10/2024	25/10/2024	MIE	15:00	15:30	DE/0-021 
4	21/10/2024	25/10/2024	MIE	15:00	15:30	DE/0-011 
4	28/10/2024	20/12/2024	LUN	16:00	18:00	A1/1-31M 
77	10/09/2024	29/11/2024	VIE	12:00	14:00	A1/1-42S 