

**1. General information****Course:** STATISTICS APPLIED TO SOCIAL RESEARCH**Code:** 50317**Type:** BASIC**ECTS credits:** 6**Degree:** 313 - UNDERGRADUATE DEGREE PROGRAMME IN SOCIAL WORK**Academic year:** 2019-20**Center:** 110 - FACULTY OF SOCIAL WORK OF CUENCA**Group(s):** 30**Year:** 2**Duration:** C2**Main language:** Spanish**Second language:** English**Use of additional languages:****English Friendly:** N**Web site:****Bilingual:** N**Lecturer:** ROMAN MINGUEZ SALIDO - Group(s): 30

Building/Office	Department	Phone number	Email	Office hours
Facultad de Ciencias Sociales. Despacho 3.13	ECONOMÍA APLICADA I	Ext. 4269	roman.minguez@uclm.es	Tutorías Presenciales: Primer Cuatrimestre: Martes 16:00-20:00 Miércoles 11:00-13:00 Segundo Cuatrimestre: Lunes 11:00-14:00, 18:30-20:30; Martes 11:00-12:00

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
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.
CE09	Ability to support and promote the development of social networks.
CG01	Target students for communicative, interactive and team working skills acquisition.
CG02	Both critical and self-critical abilities linked to the analysis of social reality, the respect and defense of Human Rights.
CG03	Becoming mindful of the importance of expressing ethical commitment within a global, fair, cross-cultural, and unfettered society through a professional and accountable practice.
CG05	Linguistic proficiency in a foreign language, at least as high as B1 level in the Common European Framework of Reference for Languages (CEFR).
CG06	Ability to gather critical approach on selection, knowledge management and use of ICTs.

5. Objectives or Learning Outcomes**Course learning outcomes**

Description

Capable of implementing identification, analysis and measure mechanisms of social problems and needs.

Ready to get involved into social politics analysis.

Detects social need situations from social research data.

Discriminates the validity and reliability of the information collected from social research.

Interprets and analytically systematizes the data provided by social research.

Able to take part in the writing of research reports applied to social work as well as academic and professional works.

Applies and masters scientific research methodology.

Selects the most suitable research methods to grasp the subject matter.

6. Units / Contents**Unit 1:**

Unit 1.1

Unit 1.2

Unit 1.3

Unit 2:

Unit 2.1

Unit 2.2

Unit 2.3

Unit 2.4

7. Activities, Units/Modules and Methodology

		Related Competences						
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Training Activity	Methodology	(only degrees before RD 822/2021)	ECTS	Hours	As	Com	R	Description
Class Attendance (theory) [ON-SITE]	Lectures	CB03 CG02 CG03 CG05	1.52	38	N	-	-	
Group tutoring sessions [ON-SITE]	Cooperative / Collaborative Learning	CB03 CG01	0.88	22	Y	Y	Y	
Study and Exam Preparation [OFF-SITE]	Self-study	CG01 CG05 CG06	1.4	35	N	-	-	
Writing of reports or projects [OFF-SITE]	Cooperative / Collaborative Learning		1.2	30	N	-	-	
Writing of reports or projects [OFF-SITE]	project-based learning	CG05 CG06	1	25	Y	Y	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					

As: Assessable training activity

Com: Training activity of compulsory overcoming

R: Rescheduling training activity

8. Evaluation criteria and Grading System			
Evaluation System	Grading System		Description
	Face-to-Face	Self-Study Student	
Final test	40.00%	0.00%	
Progress Tests	40.00%	0.00%	
Assessment of active participation	20.00%	0.00%	
Total:	100.00%	0.00%	

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 2):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	18
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	10
Study and Exam Preparation [AUTÓNOMA][Self-study]	15
Writing of reports or projects [AUTÓNOMA][Cooperative / Collaborative Learning]	15
Writing of reports or projects [AUTÓNOMA][project-based learning]	13
Group 30:	
Initial date: 28-01-2020	End date: 20-03-2020
Group 31:	
Initial date: 28-01-2020	End date: 20-03-2020
Unit 2 (de 2):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	20
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	12
Study and Exam Preparation [AUTÓNOMA][Self-study]	20
Writing of reports or projects [AUTÓNOMA][Cooperative / Collaborative Learning]	15
Writing of reports or projects [AUTÓNOMA][project-based learning]	12
Group 30:	
Initial date: 23-03-2020	End date: 15-05-2020
Group 31:	
Initial date: 23-03-2020	End date: 15-05-2020
Global activity	
Activities	hours
Class Attendance (theory) [PRESENCIAL][Lectures]	38
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	22
Study and Exam Preparation [AUTÓNOMA][Self-study]	35
Writing of reports or projects [AUTÓNOMA][Cooperative / Collaborative Learning]	30
Writing of reports or projects [AUTÓNOMA][project-based learning]	25
Total horas: 150	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
Arriaza Gómez, A.J. et al.	Estadística Básica con R y R-Commander http://gsyc.escet.urjc.es/~herraiz/ebrcmdr.pdf	Universidad de Cádiz			2008	Apuntes sobre R y R-Commander
García Pérez, Alfonso	Ejercicios de estadística aplicada Estadística aplicada : conceptos	UNED		978-84-362-5547-8	2008	

García Pérez, Alfonso	básicos	UNED	978-84-362-5563-8	2008	
García Pérez, Alfonso	Métodos avanzados de estadística aplicada: técnicas avanzadas	Universidad Nacional de Educación a Distancia	84-362-5144-X	2006	
Montero Lorenzo, José María	Estadística descriptiva	Thomson	978-84-9732-514-1	2007	
Montero Lorenzo, José María	Problemas resueltos de estadística descriptiva para ciencias	Thomson	978-84-9732-659-9	2007	
Peña, Daniel	Fundamentos de estadística	Alianza Editorial	978-84-206-8380-5	2008	
Peña, Daniel y Romo, Juan	Introducción a la Estadística para las Ciencias Sociales	McGraw-Hill/Interamericana de España	84-481-1617-8	2003	
Rubio, M.J y Varas, M.	El análisis de la realidad en la intervención social: Métodos y Técnicas	CCS	Madrid	2004	
Sáez Castillo, Antonio José	Métodos Estadísticos con R y R-Commander http://cran.r-project.org/doc/contrib/Saez-Castillo-RRCmdrv21.pdf	Universidad de Jaén		2010	Apuntes sobre R y R-Commander
Triola, Mario F.	Estadística	Pearson Educación	978-970-26-1287-2	2009	
Triola, Mario F.	Estadística elemental	Addison Wesley Longman Prentice Hall Pearso	968-444-341-2	2000	
John Fox	Using the R Commander: A Point-and-Click Interface for R	Chapman and Hall/CRC	978-1498741903	2016	