UNIVERSIDAD DE CASTILLA - LA MANCHA
GUÍA DOCENTE

1. General information

Course: STATISTICS FOR ECONOMICS
Type: BASIC
Degree: 316 - UNDERGRADUATE DEGREE IN ECONOMICS
Center: 5 - FACULTY OF ECONOMICS AND BUSINESS
Year: 1
Main language: Spanish
Use of additional languages:
Web site:

Code: 53306
ECTS credits: 6
Academic year: 2019-20
Group(s): 10 17
Duration: C2
Second language: English
English Friendly: Y
Bilingual: N

Lecturer: **JOSE LUIS ALFARO NAVARRO** - Group(s): **10**

Building/Office	Department	Phone number	Email	Office hours
Facultad de Ciencias Económicas y Empresariales. Despacho 3.14	ECONOMÍA APLICADA I	926053274	joseluis.alfaro@uclm.es	Ver página Web de la Facultad y campus virtual de la asignatura.

Lecturer: **MARIA LETICIA MESEGUER SANTAMARIA** - Group(s): **17**

Building/Office	Department	Phone number	Email	Office hours
Melchor de Macanaz/2.22	ECONOMÍA APLICADA I	926053533	mleticia.meseguer@uclm.es	Consult Virtual Campus of the Subject

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
E03	Ability to find economic data and select relevant facts.
E06	Application of profesional criteria to the analysis of problems, based on the use of technical tools.
E16	Identify relevant sources of financial information and its content, as well as the ability to derive the important information from the data, otherwise completely unknown to non-professionals.
G01	Possession of the skills needed for continuous, self-led, independent learning, which will allow students to develop the learning abilities needed to undertake further study with a high degree of independence.
G03	Develop oral and written communication skills in order to prepare reports, research projects and business projects and defend them before any commission or group of professionals (specialised or non-specialised) in more than one language, by collecting relevant evidence and interpreting it appropriately so as to reach conclusions.
G04	Ability for the use and development of information and communication technology in the development of professional activity.
G05	Capacity for teamwork, to lead, direct, plan and supervise multidisciplinary and multicultural teams in both national and international environments.

5. Objectives or Learning Outcomes

Course learning outcomes

Description

Enable student for autonomous work and learning, as well as for personal initiative

Train the student to search for information in order to analyze it, interpret is meaning, synthesize it and communicate it to others.

Train the student to work out problems in creative and innovative ways.

Enable students to know the sources of official statistics and their treatment for the analysis of economic reality

To know the tools and methods for quantitative analysis of markets, sectors and companies, including models for decision-making and economic forecasting models.

Additional outcomes

6. Units / Contents

Unit 1:
    Unit 1.1
    Unit 1.2
    Unit 1.3
Unit 2:
    Unit 2.1
    Unit 2.2
Unit 3:
Unit 4:

Unit 4.1
Unit 4.2
Unit 4.3
Unit 5:
Unit 5.1
Unit 5.2
Unit 5.3

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	R	Description
Class Attendance (theory) [ON-SITE]	Lectures	E03 E06 E16 G01 G03 G04 G05	1.33	33.25	N	-	-	
Class Attendance (practical) [ON-SITE]	Combination of methods	E03 E06 E16 G01 G03 G04	0.67	16.75	N	-	-	
Study and Exam Preparation [OFF-SITE]	Self-study	E03 E06 E16 G01 G03 G04 G05	2.4	60	N	-	-	
Other off-site activity [OFF-SITE]	Problem solving and exercises	E03 E06 E16 G01 G03 G04 G05	1.2	30	N	-	-	
Other on-site activities [ON-SITE]	Workshops and Seminars	E03 E06 E16 G01 G03 G04 G05	0.16	4	Y	N	Y	
Progress test [ON-SITE]	Assessment tests	E03 E06 E16 G01 G03 G04 G05	0.08	2	Y	Y	Y	
Final test [ON-SITE]	Assessment tests	E03 E06 E16 G01 G03 G04 G05	0.16	4	Y	Y	Y	
		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**	
Other methods of assessment	30.00%	0.00%	
Final test	70.00%	100.00%	
Total:	**100.00%**	**100.00%**	

9. Assignments, course calendar and important dates

Not related to the syllabus/contents

Hours	hours
Class Attendance (theory) [PRESENCIAL][Lectures]	3.25
Class Attendance (practical) [PRESENCIAL][Combination of methods]	1.75
Study and Exam Preparation [AUTÓNOMA][Self-study]	10
Other on-site activities [PRESENCIAL][Workshops and Seminars]	4
Progress test [PRESENCIAL][Assessment tests]	2
Final test [PRESENCIAL][Assessment tests]	4

Unit 1 (de 5):

Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	7
Class Attendance (practical) [PRESENCIAL][Combination of methods]	3
Study and Exam Preparation [AUTÓNOMA][Self-study]	10
Other off-site activity [AUTÓNOMA][Problem solving and exercises]	6

Unit 2 (de 5):

Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	5
Class Attendance (practical) [PRESENCIAL][Combination of methods]	3
Study and Exam Preparation [AUTÓNOMA][Self-study]	10
Other off-site activity [AUTÓNOMA][Problem solving and exercises]	4

Unit 3 (de 5):

Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2
Class Attendance (practical) [PRESENCIAL][Combination of methods]	1
Study and Exam Preparation [AUTÓNOMA][Self-study]	4
Other off-site activity [AUTÓNOMA][Problem solving and exercises]	1.5

Unit 4 (de 5):

Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	8
Class Attendance (practical) [PRESENCIAL][Combination of methods]	4
Study and Exam Preparation [AUTÓNOMA][Self-study]	13
Other off-site activity [AUTÓNOMA][Problem solving and exercises]	9.5

Unit 5 (de 5):

Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	8
Class Attendance (practical) [PRESENCIAL][Combination of methods]	4
Study and Exam Preparation [AUTÓNOMA][Self-study]	13
Other off-site activity [AUTÓNOMA][Problem solving and exercises]	9

Global activity

Activities	hours
Class Attendance (theory) [PRESENCIAL][Lectures]	33.25
Class Attendance (practical) [PRESENCIAL][Combination of methods]	16.75
Study and Exam Preparation [AUTÓNOMA][Self-study]	60
Other off-site activity [AUTÓNOMA][Problem solving and exercises]	30
Other on-site activities [PRESENCIAL][Workshops and Seminars]	4
Progress test [PRESENCIAL][Assessment tests]	2
Final test [PRESENCIAL][Assessment tests]	4
Total horas:	150

10. Bibliography and Sources

Author(s)	Title/Link	Publishing house	City	ISBN	Year	Description
Canavos, George C.	Probabilidad y estadística :aplicaciones y métodos	McGraw-Hill		84-481-0038-7	2003	
ESTEBAN, BACHERO Y OTROS	Estadística Descriptiva y nociones de Probabilidad	Thomson		84-9732-374-2	2005	
LAVINE, M	Introduction to Statistical Though http://www.stat.duke.edu/~michael/				2006	
Levin, Richard I.	Estadística para administración y economía	Pearson Educación		978-970-26-0497-6	2004	
Lind; Marchal y Wathen	Estadística aplicada a los negocios y la economía	McGraw-Hill		978-607-15-0742-6	2012	
Martín Pliego, Francisco Javier	Fundamentos de probabilidad	Thomson		978-84-9732-500-4	2010	
Martín Pliego, Francisco Javier	Problemas de probabilidad	Thomson-Paraninfo		84-9732-501-X	2009	
Martín-Pliego López, Fco. Javier	Introducción a la estadística económica y empresarial : teor	Thomson		978-84-9732-316-1	2009	
Montero Lorenzo, José María	Estadística descriptiva	Thomson		978-84-9732-514-1	2007	
Montero Lorenzo, José María	Estadística para relaciones laborales	Thomson		84-7288-167-9	2005	
Montero Lorenzo, José María	Problemas resueltos de estadística descriptiva para ciencias	Thomson		978-84-9732-659-9	2007	
Newbold, Paul	Estadística para administración y economía	Pearson Prentice Hall		978-84-8322-403-8	2007	
Peña, Daniel	Introducción a la Estadística para las Ciencias Sociales	McGraw-Hill/Interamericana de España		84-481-1617-8	2003	
Pérez Suárez, R.	ANÁLISIS de datos económicos I : métodos descriptivos	Pirámide		8436807278	1993	
Pérez Suárez, R.	Análisis de datos económicos II: métodos inferenciales	Pirámide			1997	
Rohatgi, Vijay K.	An introduction to probability theory and statistics	John Wiley		978-0-471-34846-7	2001	
Vélez, Ramos y otros	Métodos estadísticos en ciencias sociales	Ediciones Académicas		978-84-96062-82-5	2006	