

Información del Plan Docente

Academic Year	2017/18
Faculty / School	109 - Facultad de Economía y Empresa
Degree	449 - Degree in Finance and Accounting
ECTS	6.0
Year	2
Semester	First semester
Subject Type	Compulsory
Module	---

1.General information**1.1.Introduction****1.2.Recommendations to take this course****1.3.Context and importance of this course in the degree****1.4.Activities and key dates****2.Learning goals****2.1.Learning goals****2.2.Importance of learning goals****3.Aims of the course and competences****3.1.Aims of the course****3.2.Competences****4.Assessment (1st and 2nd call)****4.1.Assessment tasks (description of tasks, marking system and assessment criteria)****5.Methodology, learning tasks, syllabus and resources****5.1.Methodological overview**

The learning process for this course will consist of expositive classes, problems classes and classes in the computer room.

Additionally, on the platform Moodle 2 information and materials about the course will be available for students.

5.2.Learning tasks

Lectures to explain the theory with the help of slides.

Problem solving classes with occasional collaborative learning in a traditional classroom using the blackboard.

Problems and simulation exercises on the computer room.

5.3.Syllabus

1.- Random variables. Discrete random variable.

2.- Continuous random variable.

3. Sampling theory.

4. Point estimation. Confidence interval.

5.- Hypothesis test.

6.- Comparison between two populations. Applications.

5.4.Course planning and calendar

Activities	Classroom teaching	Autonomous work	Total student workload
Lectures (Full group)	30	45	75
Practice-problems (2 subgroups)	26	33	59
Small group clases. Tutorial activity (2 subgroups)	4	4	8
Computer exam (2 subgroups)		4	4
First global evaluation			
TOTAL	60	90	150

5.5. Bibliography and recommended resources

[BB: Bibliografía básica / BC: Bibliografía complementaria]

- [BB] Inferencia estadística / Jesús Esteban García ... [et al.] . 1ª ed., 3ª imp. [Madrid] : Ibergarceta, D.L. 2011
- [BB] Lind, Douglas A.. Estadística aplicada a los negocios y a la economía / Douglas A. Lind, William G. Marchal, Samuel A. Wathen ; revisión técnica, Ofelia Vizcaíno Díaz ... [et al.] . 16ª ed. México D.F. : McGraw-Hill, cop. 2015
- [BB] Mann, Prem S. : Introductory statistics / Prem S. Mann ; with the help of Christopher Jay Lacke . - 7th ed. : International student Version Danvers : John Wiley & Sons, cop. 2011
- [BB] Martín Pliego, Francisco Javier. Problemas de inferencia estadística / F.J. Martín Pliego, J. Mª. Montero Lorenzo, L. Ruiz-Maya Pérez . - 3ª ed. Madrid : Thomson, D.L. 2005
- [BB] Newbold, Paul. Estadística para administración y economía / Paul Newbold , William L. Carlson, Betty M. Thorne ; traducción, Esther Rabasco Espáriz . 8ª ed. Madrid : Pearson Educación, [2013]
- [BB] Parra Frutos, Isabel. Estadística empresarial con Microsoft Excel : Problemas de inferencia estadística / Isabel Parra Frutos . - 2a. ed. Madrid : Editorial AC; Thomson, 2003
- [BB] Peña Sánchez de Rivera, Daniel. Fundamentos de estadística / Daniel Peña Madrid : Alianza, D.L. 2008
- [BB] Pérez López, César. Estadística aplicada : conceptos y ejercicios a través de Excel / César Pérez López . 1ª ed., 1ª imp. [Madrid] : Ibergarceta, D. L. 2012
- [BB] Uña Juárez, Isaías. Lecciones de cálculo de probabilidades : curso teórico- práctico / Isaías Uña Juárez, Venancio Tomeo Perucha, Jesús San Martín Moreno Madrid [etc.] : Thomson, D.L. 2003