Universidad Zaragoza

29101 - Basic principles of statistics and financial management

Información del Plan Docente

Academic Year	2017/18
Faculty / School	177 - Escuela Universitaria de Turismo
Degree	445 - Degree in Tourism
ECTS	6.0
Year	1
Semester	Second semester
Subject Type	Basic Education
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 main objective of this course is to explain the use and usefulness of statistics and financial management in the tourism industry. In order to achieve these goals, there will be many practical activities.

5.2.Learning tasks

There will be theoretical and practical activities in this course. Practical activities will take place in the computer lab in order to use the Excel program. Besides, there will be tutorial classes (4 hours per week) for the students.

5.3.Syllabus

SECTION I: BASIC STATISTICS

UNIT 1. Statistics as a research tool in the tourism industry

UNIT 2. Basic concepts and unidimensional data series

UNIT 3. Bivariate data analysis

UNIT 4. Analysis of temporal data

UNIT 5. Analysis of index number

SECTION: BASIC FINANCIAL MANAGEMENT

UNIT 6. Financial valuation

UNIT 7. Simple capitalization and simple discount

UNIT 8. Compound capitalization and compound discount

UNIT 9. Rents and financial management

UNIT 10. Lending and financial management

5.4.Course planning and calendar

This course will take place along the second semester (February-May)

5.5.Bibliography and recommended resources

[BB: Bibliografía básica / BC: Bibliografía complementaria]

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BB	Góez Carrillo, Pilar. Fundamentos de las operaciones financieras: apuntes de la asignatura. Curso 2017-2018. [Disponible en Moodle]
BC	Bonilla Musoles, María. Matemática de las operaciones financieras : teoría y práctica / María Bonilla Musoles, Antonia Ivars Escortell , Ismael Moya Clemente . 2ª ed. Madrid : Thomson, 2006
BC	Gil Peláez, Lorenzo. Matemática de las operaciones financieras / Lorenzo Gil Peláez . [Reimpr.] Madrid : AC, D.L.1992
BC	Miner Aranzábal, Javier. Curso de matemática financiera / Javier Miner Aranzábal . 2ª ed. Madrid, [etc.] : McGraw-Hill, 2008
BC	Miner Aranzábal, Javier.. Matemática financiera [recurso electronico] / Javier Miner Aranzábal. [Libro electrónico]. Madrid, [etc.] : McGraw-Hill/Interamericana de España, D.L.2005.
BC	Pablo López, Andrés de. Manual práctico de matemática comercial y financiera / Andrés de Pablo López . Madrid : Centro de Estudios Ramón Areces, 1994
BC	Sanz Villegas, Cristina. Ejercicios de matemática financiera / Cristina Sanz Villegas, Javier Zúñiga Rodríguez . Madrid : ESIC, 2003