

## 29155 - Statistics and Financial Management

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 29155 - Statistics and Financial Management

**Faculty / School:** 177 - Escuela Universitaria de Turismo

**Degree:** 616 - Degree in Tourism

**ECTS:** 6.0

**Year:** 2

**Semester:** First semester

**Subject type:** Basic Education

**Module:**

### 1. General information

The goal of the subject is to understand and analyze the fundamentals of statistics and financial mathematics, focusing on the basic concepts and techniques.

It is intended to provide, in a simplified form, the conceptual bases to be able to address the problems of statistical analysis and financial valuation that may arise in an organization.

These approaches and goals are aligned with the following Sustainable Development Goals (SDGs) of the United Nations Agenda 2030 (<https://www.un.org/sustainabledevelopment/es/>), such that the acquisition of the subject learning results provides training and competence to contribute to some extent to their achievement:

- Goal 8: Decent Work and Economic Growth
- Goal 10: Reduction of Inequalities
- Goal 11: Sustainable Cities and Communities

### 2. Learning results

- Identify the terminology and methodology of applied statistics.
- Knowledge of quantitative and qualitative analysis methods.
- Ability to process information by means of computer packages applied to statistics.
- Identify the terminology and methodology of financial valuation.
- Represent and value the different types of financial transactions.
- Ability to apply theoretical concepts to practice, solving practical cases involving the understanding of basic concepts and their application to real situations.
- Understanding the logic of financial choice
- Manage a spreadsheet for problem solving.

### 3. Syllabus

Part I: Statistics

Unit 1: Statistics as a tourism management tool

Unit 2: Preliminary concepts and one-dimensional statistical series

Unit 3: Two-dimensional statistical series

Unit 4: Time Series

Unit 5: Index numbers

Part II: Financial Management

Unit 6: Financial valuation

Unit 7: Capitalization and simple discounting

Unit 8: Capitalization and compound discounting

Unit 9: Study and valuation of rents

Unit 10: Loans

### 5. Assessment system

## **CONTINUOUS ASSESSMENT**

**Theoretical test:** There will be 2 written tests (both must exceed a grade of 4 out of 10). The percentage of this part in the grade corresponds to 35%

**Practical test:** There will be 2 practical tests (both must pass the grade of 4 out of 10). The percentage of this part in the grade corresponds to 65%

## **OVERALL ASSESSMENT:**

There will be a theoretical test whose percentage in the grade is 35% and also a practical test with a percentage in the grade of 65%.