

1. BASIC INFORMATION

Subject/Module	Statistics
Titration	Degree in Marketing
Faculty/School	Facultad de Ciencias Sociales
Course	1
Credits (ECTS)	6 ECTS
Character	Basic
Language/s	Spanish and English
Modality	Presential
Semester	First semester
Academic year	2025-2026
Coordinating Teacher	

2. PRESENTATION

The general objective of the subject is to teach the student the most appropriate methods and techniques for both the search and the processing of data and information on economic-business variables from different national and international databases, so that after their interpretation it is possible to make decisions based on objective reasons. For this reason, the student is initiated to carry out the elaboration of descriptive analysis of data related to the economic-business reality. This analysis is essential for any business activity for decision-making in marketing and sales departments in any type of sector. During the development of the Bachelor's Degree in Marketing at the European University of Madrid, the objective is to acquire the following skills.

3. LEARNING OUTCOMES

Knowledge:

KNO03. Recognize the different technical tools of market research, as a criterion in decision-making.

KNO04. Interpret economic and market data, determining the relevance of the information and its possible applications for decision-making and drawing conclusions.

- Define the concepts, terminology and methods of statistical analysis in a simple and practical way.
- Explain the evolution of the information data within the general framework of the company.

Skills:

SK04. Manage the tools they will use in their incorporation into the world of work in the area of digital marketing, market research and data analysis.

- Handle the basics related to the calculation of probabilities and random variables.
- Carry out descriptive data analyses and reports related to the economic-business reality.
- Apply the summation operator as well as the criteria to optimize a function.
- Use that information to draw conclusions and make decisions based on those analyses.

Competences:

CMPT03. Analyze and synthesize the results of market reports and studies and take them as a basis for decision-making applied to marketing.

CMPT8. Obtain economic and market data, determining the relevance of the information and managing its use and application for decision-making and drawing conclusions.

4. CONTENTS

The contents of the subject/module are indicated below:

- Introduction to statistics.
- Frequency distributions.
- Position, dispersion, and shape measurements
- Determination of the dependence or independence between two variables
- Analysis of two-dimensional variables: qualitative - quantitative
- Numbers, indexes and measures of concentration.

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies that will be developed throughout the subject/module are indicated below:

- Masterclass
- Case Method
- Project-based learning

6. LEARNINGS ACTIVITIES

The types of training activities planned are detailed below, including the dedication in hours expected by the student for each of them:

Training activity	Number of hours
Lectures	12
Practical application seminars	18
Case Analysis	5

Problem Solving	17
Preparation of reports and writings	14
Activities in Workshops and/or Laboratories	6
Freelance work	56
Debates and Colloquiums	8
Academic tutoring	12
Face-to-face assessment tests	2
TOTAL	150

7. CONTINUOUS ASSESSMENT

Each assessable learning activity represents an opportunity for the student to make progress, receive feedback, and consolidate knowledge, skills, and competences. The Learning Outcomes outlined in this guide provide direction for this process and serve as benchmarks for their achievement.

Listed below are the assessment systems used and the weight each one carries towards the final course/module grade:

Campus-based mode:

Evaluation system	Weight (%)
Face-to-face assessment tests	40%-50%
Reports and Briefs	10%-20%
Case/Problem	20%-30%
Lab/workshop practice notebook	10%-20%

In the Virtual Campus, when you access the corresponding course/module you will find information regarding the evaluation systems, including the due dates and the procedures applicable to each of them.

7.1. First exam period

In order to pass the course/module in the ordinary call, the student must obtain a grade greater than or equal to 5.0 (out of 10), in all the evaluation systems proposed in this guide. The final grade will be calculated from the weighted average of all the evaluation systems described.

If in any of the evaluation systems proposed in this guide, a grade lower than 5.0 (out of 10) is obtained, the final grade of the course/module will be “fail” even if, in the result of the weighted average, a value higher than 5.0 (out of 10) is obtained. In the latter case, the course/module would still be “failed” obtaining a final grade of 4.0 (out of 10).

Delivery of activities

Compliance with deadlines is essential to ensure the fairness and planning of the training process.

In case of not submitting an evaluable formative activity in due time and form, and without prior justification, it will not be evaluated and, therefore, will be recorded as “not submitted”.

The student is encouraged to communicate with sufficient time in advance to the teacher of the course/module, any difficulty that may affect their participation in any activity.

Attendance

Active participation in the training sessions is a key component of learning. In order to pass the course/module, at least 50% attendance is required. If this minimum percentage is not reached, the teacher may consider the course/module as “failed”, according to the evaluation regulations of the Universidad Europea de Andalucía.

7.2. Second exam period

The extraordinary exam offers a new opportunity for students to demonstrate their learning. To pass it, it will be necessary to obtain a final grade (weighted average) equal to or higher than 5.0 (out of 10.0).

Delivery of activities

The student must submit and pass those mandatory training activities not delivered or not passed in the ordinary call, respecting the new deadlines established. In case of failure to comply with these new deadlines, the activity will not be evaluated and, therefore, will be recorded as “not presented”.

8. SCHEDULE

This section presents the schedule with the delivery dates of the assessable activities of the subject:

Assessable activities	Date
Activity 1	Week 5
Activity 2	Week 8
Activity 3	Week 11
Activity 4	Week 14-15
Final activity. Face-to-face knowledge test.	Week 16-18

This schedule may be modified for logistical reasons of the activities. Any modification will be notified to the student in a timely manner.

9. REFERENCES

The reference work for the follow-up of the subject is:

- Gonick, L (2010). *Statistics in comics*. Publisher: Zendrera Zariquiey. Barcelona
- Huff, D (1954). *How to lie with statistics*. May 2015 Edition. Editorial Crítica. Barcelona
- Martín Pliego, F.J (2004). *Introduction to Economic and Business Statistics*. 3rd Edition, Thomson AC. Madrid.

10. AREA OF GUIDANCE, DIVERSITY AND INCLUSION

The Orientation, Diversity and Inclusion Area (ODI) offers support to students throughout their university career, with the purpose of facilitating their academic and personal development, and supporting them in achieving their goals. This area focuses its work on three fundamental pillars: the inclusion of students with specific educational support needs, the promotion of universal accessibility in the educational community and the guarantee of equal opportunities for all.

Among the services offered are:

- **Academic accompaniment and monitoring**, through the provision of counseling and the development of personalized plans aimed at those who need to improve their academic performance.
- **Attention to diversity**, through the implementation of non-significant curricular adjustments - in methodological and evaluation aspects - for students with specific educational support needs, in order to guarantee equal opportunities.
- **Extracurricular training resources**, aimed at the development of personal and professional skills that contribute to the integral growth of students.
- **Vocational guidance**, through the provision of tools and advice to those who have concerns about their choice of degree or are considering a change in their training path.

Students who need educational support can contact the area through the following email: orientacioneducativa@universidadeuropea.es

11. ONLINE SURVEYS

Participating in satisfaction surveys is an enriching opportunity to contribute to the continuous improvement of the degree, as well as the institution. Thanks to them, it is possible to identify which aspects of academics, the teaching team and the teaching-learning process are working well and which can continue to be improved.

With the aim of encouraging active participation in the completion of surveys among students, different dissemination channels have been launched. The surveys are available in the space set up on the Virtual Campus and are also sent by email for easy access.

The answers collected allow decisions to be made that have a direct impact on the quality of the training experience and on the day-to-day life of the university community.