



Universidad
de Navarra

Decision Analysis_20
Teaching guide 2023-24

OUTLINE

Breve descripción:

This subject has two main objectives. The first objective is that the student learns to collect and use the necessary quantitative information for decision making. On the other hand, it is intended that students become familiar with the ways of making decisions by integrating qualitative information and that from quantitative analysis.

- o **Degree:** Business Administration
- o **Module in the Degree Program:** 3. "Métodos cuantitativos"; 3.1. "Métodos cuantitativos"
- o **Number of credits:** 3 ECTS
- o **Year:** Fourth, 2º semester
- o **Type of course:** Required
- o **Coordinator:** José A. Alfaro
- o **Instructor :** María Galarza - mgalarza@unav.es
- o **Language:** English
- o **Department:** Business
- o **Lecture Schedule:** Fridays, 10:00 - Room 04 - Facultad de Comunicación

COMPETENCIES

General:

CG2 - To identify, integrate and use the knowledge acquired to argue, discuss and solve relevant problems in economics and/or business.

CG7 - To analyse the process of defining and implementing goals and/or strategies in the company.

Basics:

CB1 - Students must demonstrate that they possess and understand knowledge in an area of study based on a general secondary school education whose content often comes from advanced textbooks, but also includes cutting-edge knowledge in this field of study.

CB5 - Students must develop the learning skills required to undertake subsequent studies with a high level of independence.

PROGRAM

Chapter 1: Decisions



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1.1 Definition

1.2 Elements

Chapter 2: The formulation of the decision-making problem.

2.1 Causes

2.2 Current status

2.3 Consequences

Chapter 3: Obtaining the information

3.1 Identification of sources

3.2 Collection of information

Chapter 4: Information Processing

4.1 Data processing

4.2 Preliminary analysis of data

Chapter 5: Quantitative techniques for decision making

5.1 Cases of linear programming, CPM, PERT, simulation, network theory

Chapter 6: Ways of deciding in a group

Chapter 7: Consensus

Chapter 8: Monitoring and control of decisions taken

EDUCATIONAL ACTIVITIES

- Theoretical and/or practical classes: 15 hours.
- Personal study: 30 hours.
- Individual and/or group work: 10 hours.
- Tutorials: 2 hours.
- Assessment: 3 hours.
- Discussion and/or study of practical cases: 15 hours.

EVALUACIÓN

CONVOCATORIA ORDINARIA

Participation, group and/or individual work: 50%.

Final exam: 50%.

In order to pass the course, it is necessary to get at least a 5 in the final exam.



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EXTRAORDINARY CALL

Group and/or individual work: 50%.

Final exam: 50%.

In order to pass the course, it is necessary to get at least a 5 in the final exam.

OFFICE HOURS

Instructor: María Galarza (mgalarza@unav.es)

Office and Office hours:

Fridays 12:00-13:00 hours upon request

BIBLIOGRAPHY

Material from Harvard Business School Publishing and academic and informative articles that will be added as the course progresses.

<https://hbsp.harvard.edu/import/1130979>