

Decision-making in Logistics

Code: 42876
ECTS Credits: 6

Degree	Type	Year	Semester
4313785 Aeronautical Management	OB	0	1

Contact

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Use of Languages

Principal working language: spanish (spa)

Prerequisites

This subject is exclusively taught in Spanish. Kindly check the syllabus in that language.

Objectives and Contextualisation

This subject is exclusively taught in Spanish. Kindly check the syllabus in that language.

Competences

- Efficiently apply quantitative methods and techniques to optimise a logistical system.
- Solve complex problems by adopting a rigorous, efficient approach.
- Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
- Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.
- Work collaboratively in multidisciplinary teams.

Learning Outcomes

1. Base arguments on quantitative models and techniques.
2. Choose and apply appropriate quantitative strategies and methodologies to design a solution to a decision-making problem in logistics.
3. Evaluate different options and choose the best one, using a combination of intuition and analytic methods.
4. Model the system and its decision-making process.
5. Solve complex problems by adopting a rigorous, efficient approach.
6. Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
7. Understand the main decision-making methods and techniques.
8. Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.
9. Work collaboratively in multidisciplinary teams.

Content

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Methodology

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Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Clases de problemas	10	0.4	3, 7, 1, 4, 2
Clases de teoría	20	0.8	3, 7, 1, 4, 2
Type: Supervised			
Prácticas	40	1.6	5, 3, 1, 4, 6, 2
Type: Autonomous			
Estudio personal	30	1.2	7, 1, 8
Proyecto	50	2	5, 6, 8, 9

Assessment

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Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Memoria del trabajo práctico	50%	0	0	5, 7, 6, 2, 8, 9
Presentación del trabajo práctico	10%	0	0	1, 9
Prácticas	40%	0	0	5, 3, 1, 4, 6, 2

Bibliography

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