UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Supply Chain Management

Academic Year 2025/2026

1. Organic Unit

Faculty of Business and Economic Sciences

2. Course

Business Management

3. Cycle

1st

4. Course Unit

Supply Chain Management (24115)

5. Scientific Area

6. Curricular Year

2nd

7. Type of Curricular Unit / Semester

1st Semester

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8. Class type and workload (work time)

Theoretical classes:	
Practical classes:	
Theoretical-Practical Classes	30,00
Tutorial Guidance:	20,00

9. ECTS Credits

6,00

10. Scientific Area Coordinator

11. Regent

Prof. Doutora LUCILA KARMALUK PENA

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

It is intended that students have fundamental knowledge about the supply chain, understood as the set of processes that ensure the delivery of goods and services to the final customer. This curricular unit aims to develop the ability to analyze and make strategic decisions in supply chain management, recognizing its impact on the characteristics and success of the business.

15. Specific Objectives

1) Understand the fundamental principles of the supply chain and its strategic role in creating value for the final customer.
2) Analyze stock management models.
3) Evaluate transportation and distribution options based on efficiency, cost, time, and sustainability criteria.
4) Identify and manage risks, proposing solutions to mitigate supply chain failures.
5) Integrate sustainable and ethical practices into supply chain management.

16. Skills to be acquired

- Map out, evaluate and optimize processes throughout the supply chain.
- Make strategic decisions, considering trade-offs between costs, service levels, time, and sustainability.
- Manage interorganizational relationships with suppliers, distributors, and customers, promoting collaboration and integration.
- Integrate sustainable and ethical practices into logistics and supply chain management.

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17. Teaching Methodology

The methodologies used are varied, including oral exposition supported by audiovisual means, the discussion of case studies and the use of simulation games.

18. Course Unit Program

1. Logistics
2. Supply chain
3. Customer service
4. Demand cycle and order cycle
5. Selection and evaluation of suppliers
6. Storage
7. Stock management
8. Transport management
9. Management of the logistics system
10. Case studies

19. Assessment Methods

Two tests and a group work.

20. Didactic Resources

- Material presented in class.
- Recommended bibliography.
- Supply Chain Management articles.
- Operations Management articles.

21. Sustainability Objectives

Aligned with the following sustainable development goals:
1) SDG 9 Industry, innovation and infrastructure - Encourages the development of efficient and sustainable production chains.
2) SDG 12 Responsible consumption and production - Encourages the discussion of sustainable practices in the chain.
3) SDG 13 Climate action - Encourages the optimization of transport routes and modes.
4) SDG 8 Decent work and economic growth - Analysis of working conditions in different links in the chain.

22. Keywords

Supply chain management
Stock management.
Transport management.
Logistics.

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23. Main Bibliography

Author(s):	José Crespo de Carvalho		
Title:	Logística e Gestão da Cadeia de Abastecimento		
Edition:	3.ª	Year:	2021
Local:	Lisboa		
Publisher:	Silabo		
ISBN Code:			

Author(s):	Chopra, Sunil		
Title:	Supply Chain Management: Strategy, Planning and Operation		
Edition:	7.ª	Year:	2021
Local:	Harlow		
Publisher:	Pearson Education		
ISBN Code:			

Author(s):	Krajewski, Lee J. & Malhotra, Manoj		
Title:	Operations Management: Processes and Supply Chains		
Edition:	13.ª	Year:	2021
Local:	--		
Publisher:	Pearson Education		
ISBN Code:			

24. Complementary Bibliography

Author(s):	Simchi-Levi, David; Kaminsky, Phillip & Simchi-Levi Edith et al		
Title:	Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies		
Edition:	4.ª	Year:	2021
Local:			
Publisher:	McGraw-Hill		
ISBN Code:			

Author(s):	Krajewski, Lee J.; Ritzman, Larry & Malhotra, Manoj		
Title:	Operations Management		
Edition:	9.ª	Year:	2010
Local:	--		
Publisher:	Pearson Education		
ISBN Code:			

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Ficha técnica MIP / MIP Datasheet	
Título / Title	Course Unit Program 'GESTÃO DA CADEIA DE ABASTECIMENTO': Academic Year 2025/2026
Autor / Author	Prof. Doutora LUCILA KARMALUK PENA
Classificação / Classification	-
Descritores / Descriptors	-
Colaborador(es) / Colaborator(s)	-
Data Hora / Date Time	
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