



## COURSE DATA

### DATA SUBJECT

**Code:** 35837  
**Name:** Internal and external logistics management  
**Cycle:** Undergraduate Studies  
**ECTS Credits:** 6  
**Academic year:** 2025-26

### STUDY (S)

Degree	Center	Acad. year	Period
1313 - Degree in Business Management and Administration	Facultat d'Economia	3	Second quarter
1313 - Degree in Business Management and Administration	Facultat d'Economia	4	Second quarter

### SUBJECT-MATTER

Degree	Subject-matter	Character
1313 - Degree in Business Management and Administration	Compulsory subjects in the pathway: operational management and logistics	ELECTIVES
1313 - Degree in Business Management and Administration	Compulsory subjects in the pathway: operational management and logistics	ELECTIVES

### COORDINATION

FEO VALERO MARIA CONCEPCION

## SUMMARY

Despite the delay with which logistics is incorporated as an academic discipline, its importance in business competitiveness is beyond doubt in the specialized literature. Logistics efficiency has a very relevant effect on reducing costs and improving business results, also becoming a key factor in improving service. Previously, logistics was considered, more than a function that generates added value, a cost for the company, and therefore the objective was to reduce this cost as much as possible, without considering the returns it could cause in terms of efficiency and customer service.

The rules of international trade have changed significantly in recent years. In the first place, the strong development of certain direct competitors of Spanish industry, such as China or Eastern Europe, forces us to reconsider traditional strategies, and logistics is configured as a key element in the development of internationalization policies in markets where Competition via prices is not the most appropriate and competitiveness goes through the search for new ways of differentiation and efficiency.

Second, the transport function generates a set of negative externalities (congestion, pollution, etc.) that modern societies are hardly willing to assume; For this reason, both the European Commission and



different member states have launched initiatives that, in the medium term, will rebalance the pattern of international transport, and companies must be prepared for the important changes that lie ahead. Concepts such as charging for the use of infrastructures or short-distance maritime transport are already a reality that directly and irreversibly affects international trade.

## PREVIOUS KNOWLEDGE

## RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

## OTHER REQUIREMENTS

## COMPETENCES / LEARNING OUTCOMES

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Know the characteristics of the different production or service provision systems and know how to manage them under criteria of efficiency and effectiveness in close interrelation with the other areas of the company and with its environment.

## DESCRIPTION OF CONTENTS

### 1. INTRODUCTION: FOREIGN TRADE REGULATION

Introduction  
The Community Customs Tariff  
Customs destinations  
Customs formalities for export and import

### 2. THE LOGISTICS FLOW

Definition and evolution of the logistics concept  
Importance of the logistics sector in the economy  
Supply chain:  
- Storage  
- Inventories  
- Modalities and agents involved in transport  
Trends



### 3. COMMON TRANSPORTATION POLICY

- Evolution of the PCT
- Characteristics of the current PCT
- Context
- Objective
- Actions planned

### 4. SHORT SEA SHIPPING

- SSS definition and traffic evolution
- SSS vs road transport: advantages and disadvantages
- SSS supply in Spain
- SSS promotion programs

### 5. INTERNATIONAL MARITIME TRANSPORT

- Introduction: regular line and charter regime
- Evolution of traffic and large routes
- Unitization of the load
- Trends

### 6. RAILWAY LOGISTICS

- Introduction
- Rail policy in Europe
- Main agents of the railway sector
- The European rail network, main corridors
- Problems of rail freight transport

### 7. LOGISTICS PLATFORMS

- Definitions and trends
- Nodal transport infrastructures: logistics platforms
- PL typologies
- Infrastructures for intermodality

### 8. INCOTERMS 2020 AND DOCUMENTARY FLOW

- Incoterms
- Documentary flow



## WORKLOAD

### PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Classroom practices	30,00
<b>Total hours</b>	<b>60,00</b>

### NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	0,00
Independent study and work	0,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
<b>Total hours</b>	<b>0,00</b>

## TEACHING METHODOLOGY

The master lesson will be combined with a strong practical content.

## EVALUATION

Final exam: 70% Work: 30%

## REFERENCES

- Cabrera Cánovas, A. (2014). Logística internacional: una herramienta para la competitividad. ICEX. Madrid
- Cámaras de Comercio. Plan Cameral de las Exportaciones. Operativa y gestión del comercio exterior. <http://www.plancameral.org/web/portal-internacional/preguntas-comercio-exterior>
- Cámara de Comercio Internacional. History of the Incoterms rules [on line]. 2020. Disponible en <https://iccwbo.org/resources-for-business/incoterms-rules/incoterms-rules-history/>
- Capgemini (2022). 2023 3PL Study. Back to Basics. Disponible en <https://www.3plstudy.com>



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- Coca, P. (coordinador) (2010). El transporte terrestre de mercancías. Fundación Valenciaport.
- Comisión Europea (2019). Handbook on External Costs of Transport. Disponible en [https://ec.europa.eu/transport/themes/sustainable/internalisation-transport-external-costs\\_en](https://ec.europa.eu/transport/themes/sustainable/internalisation-transport-external-costs_en)
- Comisión Europea (2020). Sustainable & Smart Mobility Strategy. Putting European transport on track for the future. Disponible en <https://transport.ec.europa.eu/system/files/2021-04/2021-mobility-strategy-and-action-plan.pdf>
- De Rus, G.; Campos, J. y Nombela, G. (2003): Economía del Transporte. Antoni Bosch Editor. Barcelona.
- Fundación de los Ferrocarriles Españoles y MITMA (2021). Observatorio del Ferrocarril en España. Informe 2023. Disponible en <https://cdn.transportes.gob.es/portal-web-transportes/ferroviario/observatorio/OFE-2023.pdf>
- García, L., Feo, M., Furió, S., García, J., Iborra, S., Pérez, E. (2010). Patrón modal y comercio con Europa: tendencias en el transporte de mercancías. Ed. Fundación Valenciaport.
- ICEX (2017). El nuevo Código Aduanero de la Unión Europea. Serie Cuadernos Básicos.
- Ministerio de Transportes, Movilidad y Agenda Urbana (2025). Observatorio del Transporte y la Logística en España. Informe anual 2024. Disponible en [https://cdn.transportes.gob.es/portal-web-drupal/OTLE/elementos\\_otle/informe\\_anual\\_2024\\_\(abril\\_2025\).pdf](https://cdn.transportes.gob.es/portal-web-drupal/OTLE/elementos_otle/informe_anual_2024_(abril_2025).pdf)
- Ministerio de Fomento (2015). La logística en España. Informe Monográfico. Disponible en <http://observatoriotransporte.fomento.es/NR/rdonlyres/695579BB-69F5-4EDE-AF67-1137C80BF1F0/143562/LOGISTICAENESPAÑA.pdf>
- Rodrigue, J.P. (2020). The Geography of Transport Systems. Ed. Routledge. Disponible en <https://transportgeography.org>
- Rushton, A., Oxley, J. y Croucher, P. (2022). The handbook of Logistics and Distribution Management. Ed. Kogan Page.
- UNCTAD (2025). Review of Maritime Transport 2024. Disponible en <https://unctad.org/publication/review-maritime-transport-2024>



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