

UNIVERSITY OF ECONOMICS – VARNA
FACULTY OF MANAGEMENT
DEPARTMENT OF INTERNATIONAL ECONOMIC RELATIONS

Adopted by the FC (record № 12/ 29.04.2024)

Adopted by the DC (record № 8/ 16.04.2024)

ACCEPTED BY:

Dean:

(Assoc. Prof. Dr. D. Dobrev)

SYLLABUS

SUBJECT: MARITIME SUPPLY CHAINS

DEGREE PROGRAMME: Maritime Business and International Trade; BACHELOR'S DEGREE

YEAR OF STUDY: 3; SEMESTER: 6

TOTAL STUDENT WORKLOAD: 210 hours; incl. curricular 60 hours

CREDITS: 7

DISTRIBUTION OF STUDENT WORKLOAD ACCORDING TO THE CURRICULUM

<i>TYPE OF STUDY HOURS</i>	WORKLOAD, hours	TEACHING HOURS PER WEEK, hours
CURRICULAR: incl.		
● LECTURES	30	2
● SEMINARS / LAB. EXERCISES	30	2
EXTRACURRICULAR	150	

Prepared by:

1
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2
(Chief Assist. Dr. Petyo Boshnakov)

Head of department
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I. ANNOTATION

The course of Maritime supply chains will provide students with the knowledge and skills to effectively manage maritime services and operations on the one hand and the flows of goods and services in the global supply chain on the other hand.

Upon successful completion of the course, the students will be able to analyze maritime supply chain importance, to implement transport logistics management, to apply shipping routes and shifting trade patterns, to manage influencing factors of maritime supply chain risk and to experience the supply chain best practices and existing models.

*Key competences developed throughout the course: **digital and technology-based competence, and active citizenship.***

II. THEMATIC CONTENT

№	TITLE OF UNIT AND SUBTOPICS	NUMBER OF HOURS		
		L	S	L.E.
1. INTRODUCTION TO MARITIME SUPPLY CHAIN		2	2	
1.1.	Logistics and supply chain management			
1.2.	Logistics and transport			
1.3.1	Maritime supply chains in concept			
.4.				
1.5.	Main performance indicators			
1.6.	Maritime supply chains as a trade facilitator			
2. WATER TRANSPORT INDUSTRY OVERVIEW		2	2	
2.1.	Brief history			
2.2.	Significance of water transport			
2.3.	Types of carriers			
2.4.	Cost structure			
3. INTERNATIONAL OCEAN TRANSPORTATION		2	2	
3.1.	Vessels-size and types			
3.2.	Flag			
3.3.	Liability conventions			
3.4.	Security requirements			
4. SEA AND OCEAN FREIGHT		2	2	
4.1.	Documents			
4.2.	Handling sea and ocean freight shipments			
4.3.	Shipping dangerous goods			
5. INTERMODAL FREIGHT TRANSPORT		2	2	
5.1.	Characteristics			
5.2.	Containerization			
5.3.	Combined transport operators and their services			
6. LINER SERVICE NETWORKS		2	2	
6.1.	Background on liner shipping			
6.2.	Shipping routes and services			
7. TANKER SHIPPING LOGISTICS		2	2	
7.1.	Cargo procedures			
7.2.	Cargo losses			
8. DRY BULK SHIPPING LOGISTICS		2	2	
8.1.	Dry bulk trade			
8.2.	Dry bulk fleet			

9. LOGISTICS PERFORMANCE OF PORTS		2	2	
9.1.	Container ports			
9.2.	Ports and supply chains, port traffic			
9.3.	Port authorities in supply chains			
10. LEGAL ISSUES, ORGANISATION AND REGULATORY DEVELOPMENT IN MARITIME LOGISTICS		2	2	
10.1.	Main organisations, status of conventions for maritime industry			
10.2.	Regulatory developments related to international shipping, climate change and other environmental issues			
10.3.	Commercial laws			
11. MARITIME TRANSPORT SERVICES		2	2	
11.1.	Fleet owners, ship registration			
11.2.	Port and logistics services			
12. FREIGHT RATES AND TRANSPORT COSTS		2	2	
12.1.	Dry bulk rates			
12.2.	Tanker freight rates			
13. CONSOLIDATION AND COMPETITION IN CONTAINER SHIPPING		2	2	
13.1.	Trends in consolidation			
13.2.	Impacts of consolidation on markets			
14. MARITIME SUPPLY CHAIN PARTNERS		2	2	
14.1.	Freight forwarders			
14.2.	Customs broker			
14.3.	Carriers			
14.4.	Warehouse operators			
15. PERILS FACED IN MARITIME SHIPMENTS		2	2	
15.1.	General average			
15.2.	Piracy			
15.3.	Other risks			
15.4.	Institute marine cargo clauses			
Total:		30	30	

III. FORMS OF CONTROL:

№	TYPE AND FORM OF CONTROL	Number	extracurricular, hours
1.	Midterm control		
1.1.	Test	1	30
1.2.	Term paper	1	30
1.3.	Case study	1	30
Total midterm control:		3	90
2.	Final term control		
2.1.	Examination (test)	1	60
Total final term control:		1	60
Total for all types of control:		4	150

IV. LITERATURE

REQUIRED (BASIC) LITERATURE:

1. Song, D.W. and Panayides, P.M. (2021) Maritime logistics- a guide to contemporary shipping and port management, 3rd edition, Kogan Page
2. Coyle, J.J., Novack, R.A., Gibson, B.J. and Bardi, E.J. (2011) Transportation: a supply chain perspective, seventh edition, South-Western Cengage Learning

RECOMMENDED (ADDITIONAL) LITERATURE:

1. Cingillioglu, I. International logistics, 1st edition, 2015
2. David, P. A, International Logistics: The Management of International Trade Operations, 4. ed., 2013