

UNIVERSITY OF ECONOMICS – VARNA
FACULTY OF ECONOMICS
DEPARTMENT “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. Dobrin Dobrev, PhD)

SYLLABUS

SUBJECT: “ASSET AND RISK MANAGEMENT IN SHIPPING”;

DEGREE PROGRAMME: “Maritime business and international trade”; BACHELOR`S DEGREE

YEAR OF STUDY: 3; SEMESTER: 8;

TOTAL STUDENT WORKLOAD: 150 h.; incl. curricular 60 h.

CREDITS: 5

DISTRIBUTION OF WORKLOAD ACCORDING TO THE CURRICULUM

<i>TYPE OF STUDY HOURS</i>	WORKLOAD, h.	TEACHING HOURS PER WEEK, hours
CURRICULAR:		
incl.		
● LECTURES	30	2
● SEMINARS (lab. exercises)	30	2
EXTRACURRICULAR	90	-

Prepared by:

1.
(Chief assist. Prof. N. Aleksandrova, PhD)

2.
(Prof. Vesselina Dimitrova, PhD)

Head of department:
“International Economic Relations” (Prof. Vesselina Dimitrova, PhD)

I. ANNOTATION

“Asset and risk management in shipping” provides knowledge about the theory in the area of shipping finance. This involves the identification and evaluation of the alternative sources of capital available and the appraisal and budgeting of shipping investment projects; the financial analysis and modelling of investment projects; and the commercial and market risk management issues involved. The course is offering knowledge about risk management strategies and standards and the specifics in maritime and shipping regarding risks as well.

Key competences developed throughout the course: **mathematical, digital, and entrepreneurship.**

II. THEMATIC CONTENT

No.	TITLE OF UNITS AND SUBTOPICS	NUMBER OF HOURS		
		L	S	L.E.
1. Asset management		2	2	
1.1.	Investment			
1.2.	Investment management			
1.3.	Financial performance			
2. Asset classes		2	2	
2.1.	Bonds (debt instruments)			
2.2.	Stocks (equity instruments)			
2.3.	Commodities			
2.4.	Alternative investments			
3. Investment process		2	2	
3.1.	Portfolio management			
3.2.	Research analytics			
3.3.	Trading			
3.4.	Investment process in shipping			
4. Profitability and risk of investments		4	4	
4.1.	Key performance indicators			
4.2.	Financial performance			
4.3.	Assessing financial performance			
4.4.	Value-at-Risk			
5. Risk profiles of asset classes		2	2	
6. Classification of risks		2	2	
6.1.	Volatility, credit risk, liquidity risk, etc.			
6.2.	Specific risks in shipping			
7. Risk management		2	2	
7.1.	Identifying risks			
7.2.	Risk analysis and assessment			
8. Risk response strategies and treatment		4	4	
8.1.	Avoidance			
8.2.	Reduction			
8.3.	Sharing			
8.4.	Acceptance and retention			
9. Monitoring risks		2	2	
10. Risk management standards		2	2	
10.1.	ISO 31000			

10. 2.	COSO			
11. Risk management in maritime		4	4	
11. 1.	Safety risk and compliance			
11. 2.	The international code for the safe management of ships			
11. 3.	Maritime incidents reporting system			
11. 4.	Shipping and Freight Risk Management			
11. 5.	On-shore security			
12. Maritime risk management services		2	2	
		Total:	30	30

III. FORMS OF CONTROL:

No. by row	TYPE AND FORM OF CONTROL	№	extracurricular, h.
1.	Midterm control		
1.1.	Project	1	20
1.2.	Test	2	20
Total midterm control:		3	40
2.	Final term control		
2.1.	Examination (test)	1	50
Total final term control:		1	50
Total for all types of control:		4	90

IV. LITERATURE

REQUIRED (BASIC) LITERATURE:

1. The International Handbook of Shipping Finance: Theory and Practice, Palgrave Macmillan UK, 2016.
2. HSBA Handbook on Ship Finance. Белгия, Springer Berlin Heidelberg, 2014.
3. Risk Management, Kaplan Publ., 2014 -.
4. Monks, Robert A. G., Minow, Nell Corporate Governance, John Wiley & Sons Ltd, 2011, XXIX, 512 p., 978-0-470-97259-5.
5. Ross, Stephen A., et al. Corporate Finance, McGRAW-HILL, 2019, XXXII, 1008 p., 978-1-260-09187-8.

RECOMMENDED (ADDITIONAL) LITERATURE:

1. Management Accounting, Kaplan Publ., 2017, XX ; 698 p. ; I.6, 978-1-78415-923-8.

2. Berra, Alejandro Garcia, et al. Case Studies Book on Entrepreneurship and Innovation & Business Creation and Management, Ruse University, Bulgaria, 2011, 236 с., 978-954-712-517-9.
3. Guide on Measuring Human Capital, United Nations, 2016, VIII, 146 с., 978-92-1-117120-4.
4. Drivers and Barriers for Psychosocial Risk Management : An Analysis of the Findings of the European Survey of Enterprises on New and Emerging Risks. ESENER, EASHW, 2012, 83 с. : с табл., диагр., 978-92-9191-837-9.
5. Review of Maritime Transport, United Nations, various years.