UNIVERSITY OF ECONOMICS - VARNA FACULTY OF ECONOMICS

DEPARTMENT OF INDUSTRIAL BUSINESS AND LOGISTICS

Adopted by the FC (record № 11/25.04.2024) Adopted by the DC (record № 9/16.04.2024) ACCEPTED BY: Dean: (Assoc. Prof. Denka Zlateva PhD)

SYLLABUS

SUBJECT: FINANCIAL AND INVESTMENTS MANAGEMENT DEGREE PROGRAMME: Business and Management; BACHELOR'S DEGREE; YEAR OF STUDY: 4; SEMESTER: 8 TOTAL STUDENT WORKLOAD: 150 hours; incl. curricular 75 hours CREDITS: 5

DISTRIBUTION OF STUDENT WORKLOAD ACCORDING TO THE CURRICULUM

TYPE OF STUDY HOURS	WORKLOAD, hours	TEACHING HOURS PER WEEK, hours
CURRICULAR:		
incl.		
• LECTURES	45	3
• SEMINARS / LAB. EXERCISES	30	2
EXTRACURRICULAR	75	-

Prepared by:

1.

(Assoc. Prof. Nedyalko Valkanov, PhD)

Head of department of Industrial Business and Logistics:

(Assoc. Prof. Plamen Pavlov, PhD)

I. ANNOTATION

The discipline creates knowledge about modern methods of financial and investment management at the corporate level. The understanding of financial markets and instruments, investment risk management, the nature and calculation of various financial indicators is expanded. The topics form skills for calculating the return on corporate shares and bonds, achieving an optimal capital structure, use of the techniques for capital budgeting, evaluating the company's financial condition, applying the working capital management techniques, managing a portfolio of assets. The learning content contributes to the building of entrepreneurial, digital and mathematical competences.

№	TITLE OF UNIT AND SUBTOPICS	NUMBER OF HOURS		
		L	S	L.E.
THEME 1. FINANCIAL MARKETS AND CORPORATE FINANCING DECISIONS		4	2	
1.1.	Basic Principles of Financial Intermediation			
1.2.	Types of Financial Markets			
1.3.	Types and Role of the Financial Institutions			
1.4.	Financial Infrastructure			
1.5.	Corporate Finance and the Role of the Financial Manager			
THEN	ME 2. FINANCIAL ANALYSIS	4	3	
2.1.	Liquidity Analysis			
2.2.	Analysis of Economic Activity			
2.3.	Debt Analysis			
2.4.	Profitability Analysis			
2.5.	DuPont System			
THEN	ME 3. BREAK-EVEN ANALYSIS	4	3	
3.1.	Operational Break-Even			
3.2.	Financial Beak-Even			
3.3.	Total Break-Even			
THEN	ME 4. COMPANY STOCKS	3	2	
4.1.	Raising Equity Capital by Issuing Shares			
4.2.	Stocks Basics			
4.3.	Types of Stocks			
4.4.	Stock Valuation			
THEN	AE 5. CORPORATE BONDS	3	2	
5.1.	Debt Financing			
5.2.	Bonds Terminology			
5.3.	Types of Bonds			
5.4.	Bonds Valuation			
THEN	ME 6. COST OF CAPITAL AND CAPITAL STRUCTURE	4	3	
6.1.	Corporate Financing Decisions and Efficient Capital Markets			
6.2.	Cost of Debt			
6.3.	Cost of Equity			
6.4.	Weighted Average Cost of Capital /WACC/			
6.5.	Optimal Capital Structure			
THEN	ME 7. PROJECT EVALUATION	4	3	
7.1.	Fundamentals of Capital Budgeting			
7.2.	Cash Flows Forecasting			

II. THEMATIC CONTENT

7.3.	Net Present Value			
7.4.	Internal Rate of Return			
7.5.	Annual Equivalent Value			
THEN	THEME 8. WORKING CAPITAL MANAGEMENT		2	
8.1.	Overview of Working Capital			
8.2.	Trade Credit			
8.3.	Receivables Management			
8.4.	Payables Management			
8.5.	Inventory Management			
8.6.	Cash Management			
THEN	IE 9. COMPANY VALUATION	4	3	
9.1.	Net Asset Value			
9.2.	Market Ratios Method			
9.3.	DCF Methods			
THEME 10. RISK AND RETURN		4	3	
10.1.	Systematic and Unsystematic Risk			
10.2.	Expected Portfolio Return			
10.3.	Volatility of a Portfolio			
10.4.	Calculating a Portfolio's Variance and Standard Deviation			
10.5.	Market Risk and Beta			
10.6.	The Capital Assets Pricing Model			
THEN	IE 11. PORTFOLIO MANAGEMENT	4	2	
11.1.	Portfolio with Two Risky Assets			
11.2.	Portfolio with Risk Free and Risky Assets			
11.3.	Optimal Portfolio			
THEN	IE 12. THE ROLE OF FINANCIAL INNOVATIONS	3	2	
12.1.	Alternative Financial Services and Investment Opportunities			
12.2.	DeFi and Financial Democratization			
12.3	InvestTech Solutions			
	Tota	l: 45	30	

III. FORMS OF CONTROL:

N⁰	TYPE AND FORM OF CONTROL	Number	extracur- ricular, hours
1.	Midterm control		
1.1.	Midterm test #1	1	10
1.2.	Midterm test #2	1	10
1.3.	Individual assignment	1	10
	Total midterm control:	3	30
2.	Final term control		
2.1.	Examination (final test)	1	45
	Total final term control:	1	45
	Total for all types of control:	4	75

IV. LITERATURE

REQUIRED (BASIC) LITERATURE:

- 1. Ross, St., R. Westerfield, J. Bradfort (2021). Fundamentals of Corporate Finance, 13th edition. McGraw-Hill Education.
- 2. Berk, J., P. DeMarzo, J. Harford (2023). Fundamentals of Corporate Finance. 6th edition. Pearson Education.

RECOMMENDED (ADDITIONAL) LITERATURE:

- 1. Mishkin, Fr. (2021). The Economics of Money, Banking, and Financial Markets. 13th ed. Pearson Education.
- 2. Dayanda, D., Irons, R. (2020). Capital Budgeting. Financial Appraisal of Investment Projects, Cambridge University Press.
- 3. Gotze, U., Northcott, D., Schuster, P. (2008). Investment Appraisal: Methods and Models, 2nd ed. Springer.