

## ITEM CARD (SYLLABUS)

### Description of the course

Code course		Course name	STOCK EXCHANGE MARKET ANALYSIS		
IBF/O/I/NS/B2.39b			ANALIZA RYNKU GIEŁDOWEGO		
Language		English			
Academic Year		2024/2025			
Direction of study		International Business and Finance			
Level of education (study)		Level 1			
Profile of education (study)		General academic			
Form of study		Extramural			
Semester / semesters		V			
Belonging to a course groups		B2-Elective courses specific to the field of study			
Course status		Elective			
Form of classes, hours, ECTS points		Form of classes	Number of hours	Number of ECTS points	
		Lecture	10 [h]	4 ECTS	
		Exercises	15 [h]		
		Seminar	[h]		
Relationship of subject	with profile of education (study)	Related to conducted scientific activity in the field of economics and finance			2 ECTS
	with qualifications	-----			ECTS
	with discipline	Economics and finance			4 ECTS
Form of teaching		traditional - classes organized at the University			
The criterion for the selection of students		All students of International Business and Finance			
Unit running course		Department of Economic Policy and Banking			
Coordinator		Dr Joanna Bukowska, prof. URad.			
Faculty www address		http://weif.uniwersytetradom.pl			
E-mail, phone number of coordinator		j.bukowska@uthrad.pl (48) 361-74-98			

### COURSE OUTCOMES, METHODS OF TEACHING AND VERIFICATION OF THE EFFECTS OF EDUCATION

Purpose of the course:	The aim of the course is to familiarize students with systematized and extensive knowledge about functioning of the stock exchange market in the light of theory and practice. Including the presentation of the institutions, instruments and tools necessary
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	for their valuation
Course teaching content:	<p><i>The course content is related to conducted scientific research.</i></p> <p><i>Lecture content:</i></p> <ol style="list-style-type: none"> <li><b>1. The essence and definition of the stock exchange market (3h, BN, W1, W2)</b> <ul style="list-style-type: none"> <li>– The role of the stock exchange market in the secondary market</li> <li>– The main stock exchange markets in the world</li> <li>– Criteria, advantages and disadvantages of admittance to the stock exchange</li> <li>– Characteristics of financial instruments listed on the stock exchange</li> <li>– The risk on the stock exchange market</li> </ul> </li> <li><b>2. Portfolio analysis (4h, W1, W2)</b> <ul style="list-style-type: none"> <li>– Expected rate of return and risk of stocks</li> <li>– The Two Asset Portfolio</li> <li>– The Multiple Asset Portfolio</li> <li>– Markowitz Portfolio Theory</li> <li>– The Capital Asset Pricing Model</li> <li>– Arbitrage Pricing Theory</li> </ul> </li> <li><b>3. Fundamental analysis (1h, W1, W2)</b> <ul style="list-style-type: none"> <li>– The basics of fundamental analysis</li> <li>– Elements of fundamental analysis</li> <li>– Advantages and disadvantages of fundamental analysis</li> <li>– Financial Ratios of fundamental analysis</li> <li>– Valuation methods of fundamental analysis</li> </ul> </li> <li><b>4. Technical analysis (1h, W1, W2)</b> <ul style="list-style-type: none"> <li>– Underlying assumptions of technical analysis</li> <li>– Advantages and challenges of technical analysis</li> <li>– Technical trading rules and indicators</li> </ul> </li> <li><b>5. Written test (1h)</b></li> </ol> <p><i>Exercises content:</i></p> <ol style="list-style-type: none"> <li><b>1. Bond Valuation (2h, BN, U1, U2, K1, K2)</b></li> <li><b>2. Stocks Valuation (4h, BN, U1, U2, K1, K2)</b></li> <li><b>3. Contracts Valuation (2h, U1, U2, K1, K2)</b></li> <li><b>4. Options Valuation (2h, U1, U2, K1, K2)</b></li> <li><b>5. Use of technical analysis (3h, U1, U2, K1, K2)</b></li> <li><b>6. Valuation methods in fundamental analysis (2h, U1, U2, K1, K2)</b></li> </ol>
Method of teaching:	<i>instructional methods (lecture including multimedia techniques with elements of discussion); practical methods (demonstration, analytical exercises)</i>
Grading criteria, criteria for assessing learning outcomes, method of calculating the final grade:	<p><i>The condition for passing the course is achieving all the required learning outcomes specified for the course.</i></p> <p><i>Exercises - The final grade is determined by the following: 100% project and activity during course</i></p> <p><i>Lecture – evaluation based on a written test.</i></p>

Education effects for the course in relation to the direction effects and form of classes				Verification methods of learning outcomes (form check)	
Number of education effect	Description effects of education for the subject (PEU) Student who has completed the course (W) knows and understands/(U) is able	Directional learning effect (KEU)	Form of realization of teaching	Examination form	Form check

	to /(K) is ready to:				
W1	Student has knowledge of the functioning and structure of the capital and stock exchange market. Furthermore knowledge of functioning the stock exchange, as well as criteria, advantages and disadvantages of admittance to the stock exchange market.	K_W04	Lecture	Pass with a grade	Written test
W2	Student has theoretical knowledge about financial instruments which are subject of the exchange trading and the techniques and methods for their analysis and valuation.	K_W05	Lecture	Pass with a grade	Written test
U1	Student is able to obtain the right information and data necessary in the process of making investment decisions.	K_U04	Exercises	Pass with a grade	project/ activity during course
U2	Student can enter into stock market transactions by analyzing and valuating financial instruments and identifying phenomena occurring in the economic environment.	K_U05	Exercises	Pass with a grade	project/ activity during course
K1	Student is aware of the dynamic changes on the financial markets and the need to continue the process of learning and deepening knowledge.	K_K01	Exercises	Pass with a grade	Discussion/ activity during course
K2	Is ready to think and act in an entrepreneurial way.	K_K04	Exercises	Pass with a grade	Discussion/ activity during course

Recommended reading, literature supplement, teaching aids
<ol style="list-style-type: none"> <li>1. Madura J., <i>Financial Markets and Institutions</i>, South-Western, Mason, USA 2010</li> <li>2. Raily F., Brown K., <i>Investment Analysis and Portfolio Management</i>, South-Western, Mason, USA 2012</li> <li>3. Bodie Z., Kane A., Marcus A., <i>Investments</i>, Mc Graw-Hill Education, USA 2014</li> <li>4. Bukowska J.E., <i>The degree of integration of the Bulgarian and Croatian equity markets into the eurozone share equity market</i>, <i>European Research Studies Journal</i>, 2021, Volume XXIV, Special Issue 4;</li> <li>5. Bukowska J.E., <i>The degree of integration of the Bulgarian and Croatian government bond markets into the eurozone government bond market</i>, <i>European Research Studies Journal</i>, 2021, Volume XXIV, Special Issue 4;</li> </ol> <p>A detailed list of additional literature, web sources and teaching aids will be provided by a teacher during the first class</p>

Student workload needed to achieve the assumed learning outcomes - balance of ECTS points			
Participation in classes, activities	Student's working hours [h]		
	Other hours. Contact (IGK)	Classes without a teacher – student's own work (ZBN)	Classes
Participation in Lectures/ Seminars	X	X	10 [h]
Participation in Exercises/Laboratories	X	X	15 [h]
Participation in the Consultation	5 [h]	X	X
Preparing to lectures/ exercises/seminars Preparation for an examination	X	70 [h]	X
Summary of student's workload	5 [h]/ 0,2 ECTS	70 [h]/ 2,8 ECTS	25 [h]/ 1 ECTS
Points of ECTS for subject	100 [h] / 4 ECTS		

Additional information and remarks
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For students with special needs, including those with disabilities and chronic illnesses, the methods and forms of verifying learning outcomes specified above (in the course syllabus) are appropriately adjusted to meet the individual needs of these students.

"The detailed rules and rights of students with special needs, including those with disabilities and chronic illnesses, regarding participation, assessment, and examinations, are specified in the Study Regulations, Study Rules, and Procedures for Ensuring Accessibility of the Educational Process for Students with Special Needs, including those with disabilities and chronic illnesses."