

Subject card

Subject name and code	Economic Analysis, PG_00172344						
Field of study	International Economic Relations						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Transport Economics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Elżbieta Adamowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		5.0		30.0	50
Subject objectives	Familiarize students with methods of analyzing the economic situation of an enterprise and develop the ability to critically evaluate financial indicators.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MSGL3_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions, undertakes challenges of creative thinking; is resilient to failures; can identify threats and assess the risk of their occurrence	Is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions, takes on the challenges of creative thinking, knows how to identify risks affecting the economic situation of the enterprise	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task
	[MSGL3_U03] can identify and analyse relations between economic entities and public institutions in the national and international environment; using the acquired theoretical knowledge can critically evaluate these relations and indicate directions for their further development or changes	Is able to make observations and analysis of basic economic processes occurring in the enterprise, taking into account a critical assessment of the impact of the environment on the financial situation of the enterprise, is able to interpret the economic indicators necessary in this regard, using standard methods and tools used in economic analysis	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[MSGL3_U04] uses the acquired theoretical knowledge in economics to analyse and evaluate the operation of economic entities on the international market, with particular emphasis on the European Union market	Can use basic methods and tools, including methods of economic analysis and data acquisition techniques, to assess the economic situation of the enterprise	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[MSGL3_K05] correctly identifies, diagnoses and solves dilemmas and various options of solutions related to the profession	Correctly identifies, diagnoses and resolves dilemmas related to the economic situation of the enterprise	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task
	[MSGL3_U02] can assess economic and social phenomena occurring in an open economy, interpret necessary statistical data and economic indicators, as well as forecast economic phenomena and processes, using standard methods and tools applied in economic sciences	Able to use basic knowledge of economic analysis in practice, in relation to the functioning of the enterprise in the market	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[MSGL3_W10] knows selected methods and tools, including IT tools and data acquisition techniques, which make it possible to describe and analyse economic entities operating on the international market; knows the processes and phenomena occurring in them and between them, and processes supporting decision-making	Knows the basic methods and tools of economic analysis and data acquisition techniques to describe and analyze the processes and phenomena occurring in the market that support decision-making processes in the enterprise.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[MSGL3_K03] participates in the preparation of economic and social projects; can reconcile legal, economic, ecological, political and social requirements	Can make an economic analysis of the enterprise, taking into account the legal requirements, economic, ecological, political and social requirements related to functioning of modern enterprises	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task
	[MSGL3_W17] has an advanced knowledge of financial conditions related to conducting business activity, including the principles of accounting, financial analysis and international settlements	Has a basic knowledge of the financial considerations involved in doing business, including the principles of financial analysis	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW5] implementation of a problem task

Subject contents	Topic I MAIN ISSUE OF ECONOMIC ANALYSIS
	1.1 The objectives of business activity in a market economy
	1.2 The concept and subject of economic analysis
	1.3 The planes of economic analysis: technical-economic analysis and financial analysis
	1.4 The impact of external and internal conditions on the economic situation of the enterprise
	Topic II METHODS OF ECONOMIC ANALYSIS
	2.1 Classification of methods used in economic analysis of an enterprise
	2.2 The use of the comparative method in the economic analysis of enterprises
	2.3 Use of causal analysis in economic analysis of enterprises
	Topic III SOURCES OF FINANCIAL ANALYSIS, PRINCIPLES OF THEIR VERIFICATION AND USE OF FINANCIAL REPORTS IN ANALYSIS OF THE FINANCIAL AND PROPERTY SITUATION OF AN ENTERPRISE
	3.1 Collect, verify and prepare financial statements
	3.2 Analyze the financial and property and capital situation based on the balance sheet
	3.3 Analysis of financial performance based on the income statement
	3.4 Construction and preliminary analysis of the statement of cash flows.
	Topic IV USE OF INDICATOR ANALYSIS TO ASSESS THE ECONOMIC SITUATION OF BUSINESSES.
	4.1 Principles and limitations of indicator analysis
	4.2 Profitability analysis
	4.3 Financial liquidity analysis
	4.4 Analysis of financial support
	4.5 Performance analysis
	4.6 Capital market indicators
	Topic V FINANCIAL ANALYSIS IN ASSESSMENT OF DANGER OF BUSINESS OPERATIONS
	5.1 Symptoms of threat to the operations of enterprises
	5.2 Multi-criteria methods and their practical usefulness in assessing the threat to the activities of enterprises
	5.3 The use of selected models to assess the threat to the activities of enterprises

	Any doubts related to the lecture topics and questions regarding the course material are addressed during consultation hours. Participation in consultations enables the clarification of substantive issues and deepens the understanding of subject-related concepts.		
Prerequisites and co-requisites	Reporting; knowledge of Excel spreadsheet.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	attendance	51.0%	10.0%
	activity in the class	51.0%	10.0%
	assessment test	51.0%	80.0%
Recommended reading	Basic literature	1. B. Kotowska, A. Uziębło, O. Wyszowska-Kaniewska: Analiza finansowa w przedsiębiorstwie. Przykłady, zadania i rozwiązania. CeDeWu, Warszawa 2021. 2. W. Gabrusewicz: Podstawy analizy finansowej. PWE, Warszawa 2007; 3. Analiza finansowa w zarządzaniu przedsiębiorstwem. Tom I i II. Praca zbiorowa pod red. L.Bednarskiego i T.Waśniewskiego. Fundacja Rozwoju Rachunkowości w Polsce, Warszawa. 2004; 4. L. Bednarski: Analiza finansowa przedsiębiorstw. PWE, Warszawa 2000; T. Waśniewski, W. Skoczylas: Zasady analizy finansowej w praktyce. Fundacja Rozwoju Rachunkowości w Polsce.	
	Supplementary literature	E. Adamowicz, Rola analizy ekonomicznej w procesach decyzyjnych przedsiębiorstw transportowych, W: Rozwój i funkcjonowanie transportu w świetle idei zrównoważonego rozwoju, Zeszyty Naukowe UG ETiL Nr 63, Wydawnictwo UG, Gdańsk 2017.	
	eResources addresses		
	Example issues/ example questions/ tasks being completed		
Work placement	Not applicable		

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