

## Subject card

Subject name and code	Financial Analysis - Applications, PG_00124888						
Field of study	Finance and Accounting						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	postgraduate studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish English		
Semester of study	1		ECTS credits		6.0		
Learning profile	academic		Assessment form				
Conducting unit	Katedra Finansów Przedsiębiorstw -> Faculty of Management						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Krzysztof Krzywdziński				
	Teachers		dr Krzysztof Krzywdziński				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
	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	45		30.0		75.0	150
Subject objectives	The aim of the course is to familiarize students with common problems related to financial analysis and increase their ability to apply their knowledge in practice.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRMU2_K02] Cooperation: - the student can harmoniously interact and work in a group, assuming various roles in the group, including leadership and supervision of the group, - can agree with the group on goals and division of tasks, - is open-minded, respecting the differences of other team members.	Can cooperate harmoniously and work in a group, assuming different roles in it. Can agree on goals and division of tasks with the group. Is open, respects the differences of other team members.	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[FiRMU2_W08] The student has in-depth knowledge of the formation and economic functioning of organizations commercial and public, their forms, phases of development, as well as financial conditions determining their value and economic success.	Knows the basic principles of constructing discriminant analysis and event analysis models. Understands the importance of ethical standards.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report
	[FiRMU2_K03] Communication: - the student can present his/her view/ issue in a way that others can understand, - courageously (but prudently) expresses his opinion, is not afraid to ask questions, - can participate culturally in the discussion, - can give constructive criticism, - can communicate on specialized topics in finance and accounting with a diverse audience.	Can present his/her view, or issue in a way that is understandable to others. Expresses his/her opinion boldly (but with consideration) and is not afraid to ask questions. Can participate in discussions in a cultured manner. Can express constructive criticism.	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[FiRMU2_U01] The student understands and can correctly interpret complex economic phenomena in finance and accounting and basic ones in other social sciences. The student understands and can explain in depth the content of communications of economic institutions, articles in the press and magazines in the field of finance. The student correctly applies concepts of social sciences.	Can calculate appropriate economic indicators. Is able to interpret the values of economic indicators and assess their level. Is able to assess the overall financial situation of the enterprise.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
	[FiRMU2_W07] The student knows in detail the principles of project evaluation of finance and accounting (profitability of investment projects, assessment of the financial situation of the organization, risk assessment, threat of bankruptcy). The student can identify risks associated with the activities of the organization and correctly determine their consequences and methods of mitigation with the skillful use of theoretical knowledge using a specific research method.	Knows the structure of basic indicators: dynamics, structure, indicator analysis, and their benchmark values knows the basic regulations regarding financial reporting (IFRS, GAAP). Knows the limitations and disturbances in the comparability of financial data.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report
	[FiRMU2_U03] The student can analyse in depth the causes, course and effects of processes and phenomena in finance and accounting using advanced theories and appropriate social sciences methods. Can verify simple research hypotheses. Can collect data using information technology.	Can indicate the causes and consequences of recognizing/not recognizing specific events in the financial statements and their impact on the level of financial analysis indicators.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report

	Course outcome	Subject outcome	Method of verification
	[FiRMU2_U09] The student can use a foreign language at the B2+ level of proficiency of the Common European Framework of Reference for Languages and specialized terminology. The student has an in-depth ability to prepare written works, oral speeches and presentations in a modern foreign language on specific issues in his/her specialty, using basic theoretical approaches and various sources of information.	Can indicate possibilities of manipulating financial indicators/ data. Can propose actions aimed at achieving the intended level of financial indicators or valuation of the company. Can identify ethical dilemmas in the work of a financial analyst.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[FiRMU2_U08] The student has an in-depth ability to prepare typical written works, oral speeches, and presentations in Polish concerning specific issues in finance and accounting using basic theoretical approaches and various sources of information.	Can correct disturbances occurring in the assessment of the financial report. Can adapt the indicators used to the purpose of the study/specifics of the enterprise/sector/industry / economic situation.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
Subject contents	<p>Financial analysis as a process. Horizontal and vertical analysis of financial statements. Ratio analysis. Sector-specific ratios. Financial reporting standards - IFRS, GAAP. Data distortions in financial analysis (cross-sectional comparisons, time series comparisons). Financial data quality assessment - accounting tricks and warning signals. Inventory analysis. Long-term asset analysis. Income tax analysis - CIT. Financial institution analysis. Methods for assessing the bankruptcy risk of an enterprise. Analysis of non-financial company reports, characteristics of non-financial indicators in the areas of environment, social activity, governance (ESG). Financial statement modeling.</p>		
Prerequisites and co-requisites	<p>English language, including financial vocabulary. Fundamentals of financial analysis, financial accounting and statistics.</p>		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Tutorials - group project or presentation	50.01%	40.0%
	Activities during classes	0.0%	10.0%
	Written exam	50.01%	50.0%
Recommended reading	<p>Basic literature</p> <ol style="list-style-type: none"> <li>1. Robinson T.R., Henry E., Pirie W.L., Broihahn M.A., Cope A.T.: International Financial Statement Analysis, 3rd Edition, Wiley 2015.</li> <li>2. Ciesielski J., Henry E.: Analysis of Financial Institutions; CFA, 2021.</li> <li>3. Program Curriculum Level II, CFA Institute 20193. Financial Statement Analysis, CFA Program Curriculum, 2025, Level I, Volume 4. Wiley 2024.</li> </ol>		

	Supplementary literature	<p>1. Schilit H.M., Perler J.: Financial Shenanigans. 3rd Edition, McGraw Hill 2010.</p> <p>2. El Diri M.: Introduction to earning management, Springer International Publishing Springer 2018.</p>
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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