University of Gdańsk

Subject card

Subject name and code	Corporate Finance & Financial Analysis, PG_00178520		
Field of study	Informatics and Econometrics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2028/2029
Education level	Bachelor's 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	part-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	6	ECTS credits	5.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Corporate Finance -> Faculty of Management -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Maciej Goniszewski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	16.0	16.0	0.0	0.0	0.0	32

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	32	2.0	91.0	125

Subject objectives

The aim of the course is to familiarise students with the basic theoretical and practical issues related to corporate finance so that they understand the financial mechanisms of its functioning, are able to make simple financial decisions and estimate their potential effects. During the course, students should also acquire the ability to use financial analysis tools, which are also basic elements of corporate financial management.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[IiEL3_U01] Can analyze and interpret social and economic processes and phenomena using knowledge and econometrics, informatics or statistics tools from management and quality sciences, economics and finance	The student is able to verify assessments of a company's assets, liquidity, debt and profitability, and is able to propose appropriate econometric, IT or statistical tools for this purpose.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[IiEL3_W02] Knows and understands, to an advanced degree, selected theoretical and practical issues in informatics, statistics or econometrics necessary for understanding economic and social phenomena	The student has advanced knowledge and understanding of selected theoretical and practical issues in computer science, statistics or econometrics necessary to understand economic and social phenomena.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[IiEL3_U03] Can obtain data from appropriately selected sources, use these data to solve economic and social problems, and process and interpret them using econometrics, informatics or statistics tools	The student is able to collect the necessary values from databases containing financial information about companies and estimate, using econometric, IT or statistical tools, the indicators that form the basis for the proposed financial decisions.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[IiEL3_W06] Knows and understands, to an advanced degree, the processes and methods of creating, developing, and providing appropriate conditions for using informatics or statistics tools, particularly those that improve human and organizational functioning	The student is able to assess which elements of IT or statistical tools need to be supplemented in terms of their usefulness for improving the functioning of finances in an enterprise and is able to gather new information on this subject.	[SW2] presentation/project/paper/ report
[IiEL3_W03] Knows and understands how an organization functions, the phenomena, processes and relationships occurring in its environment, and their impact on its functioning	The student is able to assess the impact of individual company bodies and departments on financial results and link events in the socio-economic environment with changes in results over time.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[IiEL3_U04] Can build and interpret models of economic and social phenomena and processes for decision-making processes	Using knowledge in the fields of finance, econometrics, IT or statistics, students create models of financial phenomena occurring in a company and justify suggested decisions based on these models.	[SU2] presentation/project/paper/ report

Subject contents

Sources of information for assessing the financial condition of companies (information content of annual reports, characteristics of financial statements, availability of financial data in small entities).
Examples of financial data distortions.
Financial databases in Poland (commercial and publicly available), their content and use in financial decisions. Practical use of the EMIS financial database.
Financial decisions in a company classical and behavioural approach.
Assessment of the financial position of an enterprise (analysis of operational efficiency, inventory management, receivables management, cash management, determination of the operating cycle, cash conversion cycle, application of credit scoring models).
Sources of financing for an enterprise (short- and long-term, operating and investment activities).
Cost and structure of capital, including debt analysis and debt servicing.
Leverage and its application in business management.
Assessment of a company's financial situation (liquidity analysis, liquidity and solvency, liquidity and creditworthiness, consequences of losing financial liquidity).
Profitability and its importance in business management, the Du Pont model in the analysis and planning of business management efficiency.
The company on the capital market (capital market indicators, dividend policy).
The use of financial ratios in business management (financial planning, operational management).
Possibilities and limitations in assessing the financial condition of a small enterprise, including the impact of the form of business registration on the company's results.
Assessment of a small enterprise based on tax records for management purposes in practice.

Prerequisites and co-requisites

Knowledge of the layout of financial statements and their essence. Knowledge of econometrics, computer science or statistics and practical data exploration skills.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Written draft	51.0%	25.0%
Written exam	51.0%	50.0%
Written test	51.0%	25.0%

Recommended reading	Basic literature	J. Czekaj, Z. Dresler, Zarządzanie finansami przedsiębiorstw, podstawy teorii, wyd. 3,PWN, Warszawa 2011 A. Rutkowski, Zarządzanie finansami, wyd. IV, PWE, Warszawa 2016 Analiza ekonomiczna w przedsiębiorstwie, M. Jerzemowska (red.), wyd. IV, PWE, Warszawa 2018, w tym: - B. Gabriel, Analiza płynności finansowej przedsiębiorstwa; - B. Gabriel, Kierunki analizy wskaźnikowej i jej rola w ocenie przedsiębiorstwa, - B. Gabriel, Wynik finansowy i jego analiza. O. Martyniuk, Wykorzystanie danych sprawozdawczości finansowej w ocenie działalności małych przedsiębiorstw, Zeszyty Teoretyczne Rachunkowości, SKwP, Warszawa, 2009 O. Martyniuk, T. Martyniuk, Uproszczenia w sprawozdawczości mikro i małych przedsiębiorstw. Mit czy rzeczywistość? Studia Ekonomiczne, Wydawnictwo Uniwersytetu Ekonomicznego w Katowicach, 2016 M. Sierpińska, T. Jachna, Metody podejmowania decyzji finansowych, PWN, Warszawa 2021 B. Pomykalska, P. Pomykalski, Analiza finansowa przedsiębiorstwa, PWN, Warszawa 2017
	Supplementary literature	T. Korol, Nowe podejście do analizy wskaźnikowej w przedsiębiorstwie, Wolters Kluwer Polska SA, Warszawa 2013 A. Damodaran, Finanse korporacyjne. Teoria i praktyka. Wydanie II (2017). W. Bień, Zarządzanie finansami przedsiębiorstwa, Difin, Warszawa, 2018.
	eResources addresses	
Example issues/ example questions/ tasks being completed	1. Assess the company's financial liquidity based on relevant data from the financial statements. 2. Interpret the debt ratios for the selected company.	
Work placement	Not applicable	

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