



Subject card

Subject name and code	Financial Analysis, PG_00053116						
Field of study	Economic Analytics						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2021/2022		
Education level	first-cycle 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			blended-learning		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Economic Analysis and Finance -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Piotr Figura					
	Teachers	mgr Paulina Dębniak dr inż. Piotr Figura					
Lesson types and methods of instruction	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: 15.0						
Analiza finansowa_s (zima 2021/22) - Moodle ID: 16483 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=16483							
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	5.0	25.0	75		
Subject objectives	Inform students about financial statement analysis, ratio analysis and test methods for efficiency of investment projects.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W05] Has the knowledge of the links between the real economy and the financial system.	Has knowledge of the methods of collecting and analyzing economic data for their effective use			[SW1] Assessment of factual knowledge		
	[K6_U01] Can correctly identify and describe, using quantitative methods, and interpret economic phenomena and processes and their conditions.	Evaluates the financial statements and assesses the financial condition of the company; interprets and analyzes the economic and financial indicators			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K6_W11] Knows quantitative methods to describe and analyse socio-economic processes; understands their conditions and consequences.	Describes methods of analysis of: profitability, liquidity, activity and debt structure and knows the methods and techniques of financial analysis			[SW1] Assessment of factual knowledge		
	[K6_U09] Has the ability to understand and analyse economic and financial phenomena on a macro and microeconomic scale.	Selects the appropriate test methods for analysis; predicts and diagnoses selected phenomenon in the enterprise on the basis of selected methods; applies methods and techniques to explore and describe the processes taking place in the company; compares the efficiency of investment projects			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		

Subject contents	<p>Lectures: Concept, form, function and types of financial analysis; methods of the analysis, qualitative, quantitative, cause-effect, and comparative; procedure of the analytical and universal principles of the work of analyst; methods of analysis of revenues and expenses by nature and function; analysis of profit and profitability of the company; definition and classification of assets; methods of analysis of the size and structure of fixed assets; evaluation of the total assets and total liabilities based on the balance statement; liquidity analysis based on the balance sheet and cash flow; efficiency in the management of inventories, receivables collection and repayment of liabilities; analysis of working capital and cash cycle; analysis of debt and financial leverage; basics of discriminant analysis and its application in predicting bankruptcy of firms; test methods for efficiency of investment projects, NPV, IRR; measurement of economic gain.</p> <p>Seminars: discussion of the concept and methods of financial analysis; calculation of dynamics indexes and the growth rates for the economic values with the application of different bases; analysis of profit and profitability of the company; evaluation of the total assets and total liabilities based on the balance statement; evaluation of the effectiveness of fixed assets; calculation and interpretation of indicators of financial liquidity; evaluation of management of inventories, of the collection of receivables and repayment of liabilities; analysis of working capital and cash cycle; analysis of debt and financial leverage; evaluation of the financial situation of companies using selected methods of discriminant analysis; calculation and interpretation of indicators: NPV, NPVR, the IRR on the basis of investment projects.</p>		
Prerequisites and co-requisites	Knowledge on financial accounting.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Colloquium	60.0%	50.0%
	Written exam	60.0%	50.0%
Recommended reading	Basic literature	<p>Bednarski L., Analiza finansowa przedsiębiorstwa, PWE, Warszawa 2007; Bławat F.: Podstawy analizy ekonomicznej. Teorie, przykłady, zadania, CeDeWu, Warszawa 2011; Bławat F., Drajska E., Figura P., Gawrycka M., Korol T., Prusak B., Analiza finansowa przedsiębiorstwa. Ocena sprawozdań finansowych, analiza wskaźnikowa, CeDeWu, Warszawa 2017; Bławat F., Drajska E., Figura P., Gawrycka M., Korol T., Prusak B., Analiza finansowa przedsiębiorstwa. Finansowanie, inwestycje, wartość, syntetyczna ocena kondycji finansowej, CeDeWu, Warszawa 2017; Gabrusewicz W., Podstawy analizy finansowej, PWE, Warszawa 2012; Gołębiowski G., Tłaczała A., Analiza finansowa w teorii i praktyce, Difin, Warszawa 2009; Jerzemowska M., Analiza ekonomiczna w przedsiębiorstwie, PWE, Warszawa 2007; Micherda B. (red.), Współczesna analiza finansowa. Kantor Wydawniczy Zakamycze, Zakamycze 2004; Nowak E., Analiza sprawozdań finansowych, PWE, Warszawa 2008; Pomykańska B., Pomykański P., Analiza finansowa przedsiębiorstwa, PWN, Warszawa 2007; Sierpińska M., Jachna T., Ocena przedsiębiorstwa według standardów światowych, PWN, Warszawa 2016; Skowronek Mielczarek A., Leszczyński Z., Analiza działalności i rozwoju przedsiębiorstwa, PWE, Warszawa 2008.</p>	
	Supplementary literature	<p>Dębski W., Teoretyczne i praktyczne aspekty zarządzania finansami przedsiębiorstwa, PWN, Warszawa 2005; Figura P., Wartości wzorcowe wskaźników finansowych przedsiębiorstw giełdowych, CeDeWu, Warszawa 2012; Prusak B., Wskaźniki rynku kapitałowego - zastosowanie w wycenach przedsiębiorstw oraz w strategiach inwestycyjnych, CeDeWu, Warszawa 2012; Michalski G. Płynność finansowa w małych i średnich przedsiębiorstwach, PWN, Warszawa 2005; Wędzki D, Analiza wskaźnikowa sprawozdania finansowego, Wolters Kluwer, Kraków 2006; Wędzki D., Zarządzanie płynnością finansową w przedsiębiorstwie, PWN, Warszawa 2002.</p>	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Calculate and interpret financial ratios for selected stock company.		
Work placement	Not applicable		