University of Gdańsk

Subject card

Subject name and code	Using Excel in Finance (Classes), PG_00170158						
Field of study	International Economic Relations						
Date of commencement of studies	October 2025		Academic year of realisation of subject	2026/2027			
Education level	Master'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	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	3.0			
Learning profile	academic		Assessment form	credit			
Conducting unit	Division of International Financial Markets -> Department of International Business -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor	mgr Przemysław Wysiński					
	Teachers	mgr Przemysław Wysiński					
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		12.0	23.0	50	
Subject objectives	to prepare students to do financial tasks in corporate using Excel						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[MSGMU2_U11] independently formulates and tests hypotheses related to simple research problems, appropriately selects and applies methods and tools, including statistical tools and data acquisition techniques in order to verify hypotheses and diagnose economic processes, and on this basis to take appropriate economic decisions	a student is able to analyze data taking the best Excel tools	[SU2] presentation/project/paper/ report [SU5] implementation of a problem task
[MSGMU2_W13] knows and understands methods and tools for describing economic phenomena, including data acquisition techniques, which make it possible to describe and analyse economic entities functioning on the international market as well as processes and phenomena occurring in them and between them, and also those supporting decision-making processes	a student knows, how to get data in Workspace Excel, and the student deepens this knowledge during office hours in Eikon Lab also.	[SW5] implementation of a problem task
[MSGMU2_W03] knows and understands types of economic ties and the regularities governing them; understands the conditions and principles of the functioning of the market and the market mechanism in the national, international and global aspect	a student has a knowledge in the field of finance (selected aspects)	[SW5] implementation of a problem task
[MSGMU2_K06] is ready to independently identify, diagnose and responsibly resolve dilemmas and alternative solutions related to his/her profession and the development of professional achievements	a student is able to draw conclusions on the base of an analyze in Excel, and he could choose the best solutions	[SK2] presentation/project/paper/ report [SK5] implementation of a problem task

Subject contents

- Basic formulas, Vlookup, conditioning
- Charts
- Management cockpits
- deposits (comparisoni in Excel taking factors like an interest rate, capitalization, tax)
- credits (creating a credit calculator in Excel)
- investement projects (comparison in Excel)
- currency risk management with Excel
- obtaining data in Refinitive Workspace Excel (fundamental data, data from financial markets) and data analyze

Prerequisites and co-requisites

basic knowledge of Excel

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Project	51.0%	30.0%
realization of the tasks in Excel	51.0%	70.0%

Recommended reading

Basic literature	*Microsoft Excel w pracy finansisty Analiza i modelowanie danych finansowych*, red. P. Kusztelak, PWE, Warszawa 2020.
Supplementary literature	T. Krawczyk, *Analiza i zarządzanie ryzykiem w finansach korporacyjnych z zastosowaniem arkusza kalkulacyjnego Excel*, CeDeWu, 2019. M. Szmelter, *Zarządzanie ryzykiem kursowym*, [w:] *Rozliczenia międzynarodowe*, red. D.Marciniak-Neider, PWE, Warszawa 2011.
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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