

Subject card

Subject name and code	Using Excel in Finance, PG_00199469						
Field of study	International Economic Relations						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	Master's studies	Subject group			Obligatory subject group in the field of study Optional subject group 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	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		dr Monika Szmelter				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	30.0	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		0.0		30.0	75
Subject objectives	to prepare students to do financial tasks in corporate using Excel						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	[SK5] implementation of a problem task
	[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	[SU5] implementation of a problem task
	[MSGMU2_W13] has an in-depth knowledge of 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
Subject contents	<ul style="list-style-type: none"> • deposits (comparison in Excel taking factors like an interest rate, capitalization, tax) • credits (creating a credit calculator in Excel) • investment 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
	realization of the tasks in Excel	51.0%	100.0%
Recommended reading	Basic literature	<i>Microsoft Excel w pracy finansisty Analiza i modelowanie danych finansowych</i> , red. P. Kusztełak, PWE, Warszawa 2020.	
	Supplementary literature	T. Krawczyk, <i>Analiza i zarządzanie ryzykiem w finansach korporacyjnych z zastosowaniem arkusza kalkulacyjnego Excel</i> , CeDeWu, 2019.	
		M. Szmelter, <i>Zarządzanie ryzykiem kursowym, [w:] Rozliczenia międzynarodowe</i> , red. D.Marciniak-Neider, PWE, Warszawa 2011.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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