

Subject card

Subject name and code	Macroeconomics, PG_00165575						
Field of study	Mathematical Modeling and Data Analysis						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group				
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		6.0		
Learning profile	academic		Assessment form		exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Adam Szczęch				
	Teachers		dr Adam Szczęch				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	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	60		10.0		80.0	150
Subject objectives	The aim of the course is to equip the student with knowledge, skills and competences in the field of macroeconomics.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[MMiADL3_U08] is able to plan a way to solve a given problem and make a correct record of this solution, providing accurate and precise justifications for the correctness of their reasoning		Using an economic model, the student is able to forecast the value of economic indicators.		[SU2] presentation/project/paper/report [SU4] test/exam - oral or written		
	[MMiADL3_K02] is ready to precisely formulate questions to deepen his/her own understanding of a given topic or to find missing elements of reasoning		The student is ready to ask questions using specialized economic terms.		[SK8] observation of student's independent or team work		
	[MMiADL3_U07] can comprehensively, in speech and in writing, formulate definitions and theorems and present correct mathematical reasoning regarding the issues learned		The student is able to define basic economic terms.		[SU2] presentation/project/paper/report [SU4] test/exam - oral or written		
	[MMiADL3_W08] knows and understands well the role and importance of proof in mathematics, as well as the concept of the significance of assumptions		The student is able to state the assumptions of economic models describing the functioning of the economy in the short and long term.		[SW4] test/exam - oral or written		

Subject contents	1. Introduction to economics 2. Micro- and macroeconomic foundations of management 3. National income accounting 4. Business cycle 5. Consumption and investment. Keynesian equilibrium model 6. State budget and public debt 7. Budget policy 8. Money and commercial banking 9. Central bank and monetary policy 10. Employment and unemployment 11. Inflation 12. The Invisible hand of the market - classical model of the economy 13. Open economy		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	51.0%	50.0%
	project	51.0%	50.0%
Recommended reading	Basic literature	Begg D., Fischer S., Dornbusch R., Ekonomia. Makroekonomia, PWE, Warszawa 2003. Samuelson P.A., Nordhaus W.D., Ekonomia. Tom 2, PWN, Warszawa 2004.	
	Supplementary literature	Szczepaniec M., Makroekonomia. Przewodnik, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2014.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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