University of Gdańsk

Subject card

Subject name and code	Macroeconomics, PG_00156716					
Field of study	Information Science and Econometrics					
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025	
Education level	undergraduate studies		Subject group		Obligatory subject group in the field of study	
Mode of study	part-time studies		Mode of delivery		at the university	
Year of study	1		Language of instruction		Polish	
Semester of study	1		ECTS credits		5.0	
Learning profile	academic		Assessment form			
Conducting unit	Katedra Bankowości i Finansów -> Faculty of Management					
Name and surname of lecturer (lecturers)	Subject supervisor		dr Błażej Lepczyński			
	Teachers		dr Dorota Kowalczyk dr Błażej Lepczyński			
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	12.0	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	25.0	70.0	127	
Subject objectives	The aim of the course is to equip the student with knowledge, skills and competences in the field of macroeconomics on the mechanisms of market functioning, investment, consumption, national income calculation and creating economic growth in the conditions of the economic cycle and the ongoing processes of international exchange and globalization. The aim is also to learn the essence, principles and conditions of fiscal and monetary policy in the context of counteracting unemployment, inflation, supporting employment, economic growth and creating prosperity from the perspective of public authorities, economic entities and households.					

Learning outcomes	see table below

Course outcome	Subject outcome	Method of verification
[IiEL3_K02] The student can communicate with the public on computer science and econometrics topics in and outside the workplace, communicate his knowledge and share his skills through various media.	Is able to communicate with the environment on topics related to macroeconomic applications of econometrics in the workplace and outside it, convey his/her knowledge and share his/her skills using various media.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK5] implementation of a problem task
[IiEL3_U01] The student can comprehensibly, orally and in writing, present and justify advanced economic theories and apply them to explain the functioning of the national economy and its elements. Understands and can explain the content of communications of economic institutions, articles published in the economic press and scientific journals.	Is able to clearly present and justify advanced macroeconomic theories, both orally and in writing, and apply them to explain the functioning of the national economy and its components. Understands and can explain the content of communications from macroeconomic institutions, articles in economic press, and academic journals	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
[IiEL3_K03] The student can work in, co-create and manage a team; adapts his/her behavior and conduct to his/her role in it; is ready to take responsibility for the team and bear the consequences; understands the necessity of regularity and consistency in action; is open to other team members and critical of himself.	Is able to work in a team, adapts his/her behaviour and manner of conduct to the role played in it; is ready to take responsibility for the team and face the consequences.	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
[IiEL3_W01] The student has advanced knowledge of the place of social sciences in the system of sciences, their nature, methodology and connections with other sciences.	Has advanced knowledge of the place of macroeconomics within the system of social sciences, its nature, methodology, and its connections with other disciplines such as politics, sociology, and finance.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
[IiEL3_K01] The student understands the need to constantly supplement and deepen acquired knowledge; is open to new ideas and teaching methods.	Understands the need to supplement knowledge about economic processes.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report
[IiEL3_W02] The student has advanced knowledge of economic structures and institutions, the processes in them, the connections between them and their dynamics; knows the phenomena and processes occurring in their environment.	Has advanced knowledge of macroeconomic structures and institutions, understands the processes occurring within them, their interconnections, and dynamics. Is familiar with the phenomena and processes in the macroeconomic environment and their impact on the economy.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task

Subject contents	1 Introduction to economics. Needs. Goods. Factors of production. Normative and positive approaches in economics. Rational management. The production possibility curve. Opportunity cost.2. micro versus macroeconomic basis of economics. Market mechanism. The price system. Demand and supply. Elasticity. Objectives and tools of macroeconomics. Private and public sectors, consumption and investment.The role of public authorities in the economy.3 National income accounting. The process of value added and final output. PKB, PNB, PNN, DNN. Nominal and real quantities, GDP deflator.4. business cycle, its essence, types and phases. Economic growth and economic development. Evaluation of the economic situation and its forecasts.5 Consumption and investment. Keynesian equilibrium model. Assumptions of the multiplier model. Average and marginal propensity to save and consume. Global demand versus actual output.6 The government budget - government revenue and expenditure. The budget balance. Public debt.7. Budgetary (fiscal) policy tools, objectives and effects. Laffer curve. Expansionary and restrictive fiscal policy. Impact of fiscal policy on GDP and sustainability.8 Money and the money market. The origins of money, its forms and functions. The creation of money. The demand for money. Equilibrium in the money market.The central bank and monetary policy. Measures of money. Monetary policy tools, objectives, types and outcomes. Monetary neutrality. Common money.10. economic and financial crises types, relationships and impact on the economy.11 Employment. Unemployment - types, causes, effects, methods of combating it. Labour market theory.12. Inflation concept, essence, measures, causes, effects, theories and relationships. Anti-inflation policy.13. Invisible hand of the market classical model of functioning of the economy. Determinants of the classical model. The Phillips curve.14. Open economy and globalisation. Foreign exchange market, foreign trade, balance of payments.
Prerequisites and co-requisites	
Assessment methods and criteria	see table below

Subject passing criteria	Passing threshold	Percentage of the final grade
Test	51.0%	40.0%
Exam	51.0%	60.0%

Recommended reading	Basic literature	Begg D., Fischer S., Dornbusch R., Ekonomia. Makroekonomia, PWE, Warszawa 2003 i nowsze. Samuelson P.A., Nordhaus W.D., Ekonomia. Tom 2, PWN, Warszawa 2004 i nowsze. Szczepaniec M., Makroekonomia. Przewodnik, Wyd. UG, Gdańsk 2014.
	Supplementary literature	Mankiw, N. G., Taylor, M. P, Makroekonomia, PWE, Warszawa 2022.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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