University of Gdańsk

Subject card

Subject name and code	Macroeconomics, PG_00206258		
Field of study	Informatics and Econometrics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Bachelor’s 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	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	exam
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Paweł Galiński	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	16.0	8.0	0.0	0.0	0.0	24
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	24	1.0	100.0	125

Subject objectives

The aim of the course is to equip students 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 the fiscal and monetary policy pursued in the context of increasing employment, counteracting unemployment, inflation, supporting employment, economic growth and creating prosperity from the perspective of public authorities, economic entities and households.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[IiEL3_U01] Can analyze and interpret social and economic processes and phenomena using knowledge and econometrics, informatics or statistics tools from management and quality sciences, economics and finance	The student is able to recognize the essence, scope and impact of socio-economic processes on macroeconomic conditions in the country and around the world and implement activities that contribute to achieving socio-economic goals	[SU4] test/exam - oral or written
[IiEL3_W01] Knows and understands to an advanced degree the nature and evolution of theories in management, quality sciences, economics, and finance, along with their place in the social sciences system —especially in applying informatics or statistics tools	The student explains the nature and evolution of theories in economics and finance and identifies their place and importance in the system of social sciences	[SW4] test/exam - oral or written
[IiEL3_U06] Can use and integrate knowledge of management and quality sciences, economics, and finance to resolve dilemmas and complex problems that arise in professional work	The student is able to verify knowledge of economics and finance for the purpose of solving complex problems in the process of conducting socio-economic policy aimed at economic growth, price stability and full use of production factors	[SU4] test/exam - oral or written

Subject contents	1. Introduction to economics. Needs. Goods. Factors of production. Normative and positive approaches in economics. Rational management. Production possibilities curve. Opportunity cost. 2. Microeconomic and macroeconomic foundations of management. The market mechanism. The price system. Demand and supply. Elasticity. Objectives and tools of macroeconomics. The private and public sectors, consumption and investment. The role of public authorities in the economy. 3. National income accounting. The process of creating value added and final production. GDP, GNP, NNP, NI. Nominal and real values, the GDP deflator. 4. The business cycle, its nature, types, and phases. Economic growth and economic development. Assessment of economic conditions and their forecasts. 5. Consumption and investment. Keynesian equilibrium model. Assumptions of the multiplier model. Average and marginal propensity to save and consume. Aggregate demand and actual production. 6. The State Budget - Public Revenues and Expenditures. Budget Balance. Public Debt. 7. Budget (Fiscal) Policy - Tools, Objectives, and Effects. The Laffer Curve. Expansionary and Restrictive Budget Policy. The Impact of Fiscal Policy on GDP and Sustainable Development. 8. Money and the Money Market. The Origins of Money, Its Forms, and Functions. Money Creation. Demand for Money. Equilibrium in the Money Market. 9. The Central Bank and Monetary Policy. Measures of Money. Monetary Policy: Tools, Objectives, Types, and Results. Monetary Neutrality. Common Currency. 10. Economic and Financial Crises - Types, Interconnections, and Impact on the Economy. 11. Employment. Unemployment - Types, Causes, Effects, and Methods of Combating It. Labor Market Theory. 12. Inflation - Concept, Essence, Measures, Causes, Effects, Theories, and Interconnections. Anti-Inflation Policy. 13. The invisible hand of the market - the classical model of economic functioning. Conditions of the classical model. The Phillips curve. 14. Open economy and globalization. The foreign exchange market, foreign trade, and the balance of payments.
Prerequisites and co-requisites	
Assessment methods and criteria	see table below

Subject passing criteria	Passing threshold	Percentage of the final grade
Assessment of exercises: colloquium	51.0%	40.0%
Written test exam (lecture)	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	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

Document generated electronically. Does not require a seal or signature.