GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	MACROECONOMICS, PG_00070589		
Field of study	Economics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	first-cycle 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	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	6.0
Learning profile	general academic profile	Assessment form	exam
Conducting unit	Faculty of Management and Economics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Danuta Rusiecka	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	45.0	0.0	0.0	0.0	75

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	75	3.0	72.0	150

Subject objectives

Preparing students to identify, analyze and interpret macroeconomic processes and their interrelationships, based on knowledge of contemporary macroeconomic theories and methods of economic analysis, in the context of diagnosing and solving problems of the modern economy.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W01] demonstrates advanced knowledge and understanding of economic problems, and selects methods for resolving them while taking into account the complex interrelationships among the phenomena being analyzed.	knows and understands macroeconomic phenomena and processes, analyzes cause-and-effect relationships between main economic phenomena	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects
[K6_U01] demonstrates the ability to leverage acquired knowledge to address complex economic, financial, and social challenges.	interprets macroeconomic information, uses macroeconomic models to solve problems and make decisions, is able to select macroeconomic data and knows how to use them.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools
[K6_K03] is prepared to critically assess the knowledge they possess, which is necessary for solving cognitive and practical problems, and to supplement any gaps with opinions from external experts.	is ready to critically evaluate their knowledge of macroeconomics when analyzing cognitive and practical problems, particularly by identifying the limitations of applied macroeconomic models.	[SK5] Assessment of ability to solve problems that arise in practice

<table>
<tr><td>Subject contents</td><td>Course content – lecture
1. The Subject of Macroeconomics. Macroeconomic problems.
2. The state and the market: interdependencies, controversies.
3. Measures of economic activity. Advantages and disadvantages of GDP and Similar Indicators.
4. Economic growth and development. Inequality and poverty.
5. Money: definition, functions, creation, demand and supply.
6. Monetary policy, the Central Bank, the banking System.
7. Inflation, deflation, stagflation.
8. Aggregate demand and aggregate supply.
9. The Macroeconomic equilibrium model.
10. Fiscal policy, the state budget.
11. The labor market. Unemployment: definition, categories.
12. Main trends in contemporary macroeconomics regarding inflation and unemployment.
13. Economic cycles.
14. Exchange rates: types, theories of exchange rates.
15. International trade flows: absolute and comparative advantages, international trade, balance of payments, role of international organizations.

Course content – exercises
1. The Subject of Macroeconomics. Macroeconomic problems.
2. The state and the market: interdependencies, controversies.
3. Measures of economic activity. Advantages and disadvantages of GDP and Similar Indicators.
4. Economic growth and development. Inequality and poverty.
5. Money: definition, functions, creation, demand and supply.
6. Monetary policy, the Central Bank, the banking System.
7. Inflation, deflation, stagflation.
8. Aggregate demand and aggregate supply.
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13. Economic cycles.
14. Exchange rates: types, theories of exchange rates.
15. International trade flows: absolute and comparative advantages, international trade, balance of payments, role of international organizations.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Written exam (part concerning lectures, exercises, textbook)</td><td>60.0%</td><td>50.0%</td></tr>
<tr><td>Classes: tasks, tests</td><td>60.0%</td><td>40.0%</td></tr>
<tr><td>Activity during classes</td><td>0.0%</td><td>10.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>1. Mankiw, G. N., Taylor, M. P. (2022). Makroekonomia. Warszawa: PWE Polskie Wydawnictwo Ekonomiczne.
2. Begg, D., Vernasca, G., Fischer, S., Dornbusch, R. (2014). Makroekonomia. Warszawa: PWE Polskie Wydawnictwo Ekonomiczne.</td></tr>
<tr><td>Supplementary literature</td><td>1. Chang, H.-J. (2015). Ekonomia. Instrukcja obsługi. Wydawnictwo Krytyki Politycznej.
2. Coyle, D. (2018). PKB. Krótka lecz fascynująca historia. Warszawa: Wydawnictwo Naukowe PWN.
3. Kishtainy, N. (2022). Krótka historia ekonomii. Wydawnictwo RM.
4. Mankiw, G. N. (2022). Macroeconomics. Worth Publishers.
5. Sowell, T. (2016). Bieda, bogactwo i polityka w ujęciu globalnym. Fijorr Publishing.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>• Explain the three basic methods of calculating GDP indicate the situations in which each is applicable.
• How is personal income defined and how does it differ from disposable income?
• How does savings affect investment and macroeconomic equilibrium?
• Explain fiscal policy and who is responsible for implementing it in the economy.
• Define the concept of public debt and explain its implications.
• What hypotheses explain the relationship between income and consumption (Keynes, Duesenberry, Friedman)?
• How is the investment multiplier calculated and how does it depend on the marginal propensity to consume?
• Explain what macroeconomic factors influence labor supply in the economy.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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