GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Basic Economics, PG_00054700		
Field of study	Biotechnology		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Optional subject group Humanistic-social 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	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Faculty of Management and Economics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Paweł Umiński	
	Teachers	dr Paweł Umiński	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	0.0	0.0	0.0	0.0	30

E-learning hours included: 0.0

eNauczanie source addresses:
Moodle ID: 9092 Podstawy ekonomii 2026/27
https://enauczanie.pg.edu.pl/2025/course/view.php?id=9092

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	30	2.0	18.0	50

Subject objectives

The aim of the course is to familiarize students with the basic elements of microeconomics and macroeconomics and the practical problems of the contemporary market economy.

Learning outcomes

Course outcome	Subject outcome	Method of verification
K6_K07	understands market functioning and is able to interpret micro- and macroeconomic phenomena.	[SK5] Assessment of ability to solve problems that arise in practice
K6_U08	is able to analyze changes taking place in the modern economy and compare their economic knowledge with current economic realities in order to verify and update it.	[SU2] Assessment of ability to analyse information
K6_K03	knows the scope and character economics as a science, basic economic issues and the most important contemporary problems. Student knows the basic sources of macroeconomic data and simple methods of their analysis	[SK5] Assessment of ability to solve problems that arise in practice

<table>
<tr><td>Subject contents</td><td>Course content – lecture
1. Pluralism in economics. Micro and macroeconomics
2. Consumer in the economy (homo oeconomicus; behavioral economics)
3. Theory of the firm and market structures (perfect competition, monopolistic competition, oligopoly, monopoly)
4. GDP (measurement and criticism)
5. Simple Keynesian model
6. Money, central bank, money creation, monetary policy (transmission mechanism)
7. Government and fiscal policy, public debt, budget deficit
8. Economic development and economic growth (application of fiscal and monetary policy and GDP growth)
9. Inflation (types and causes of inflation, inflation expectations, ways of tackling Inflation according to fiscal and monetary policy)
10. Unemployment (ypes and causes of unemployment, ways of tackling unemployment according to fiscal and monetary policy)</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</td><td>60.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>Ha-Joon Chang, Economics: The User's Guide, Penguin Books, 2001</td></tr><tr><td>Supplementary literature</td><td>Jörg Guido Hülsmann, Stephen Young, Pomyśleć ekonomię od nowa. Przewodnik po głównych nurtach ekonomii heterodoksyjnej, Wydawnictwo Ekonomiczne Heterodox, Poznań 2018</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>1. What is inflation and what are the ways of tackling it in fiscal and monetary policy?

2. What is the difference between price and quantity adjustment to growth of demand?

3. What is the difference in consumer behavior according to the homo economicus model and behavioral economics approach?</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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