



Subject card

Subject name and code	Fundamentals of Economics, PG_00056494						
Field of study	Mechanical and Medical Engineering, Mechatronics, Mechanical Engineering, Transport and Logistics, Power Engineering, Management and Production Engineering, Design and Construction of Yachts, Naval Architecture and Offshore Structures						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish polish		
Semester of study	1		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Transport and Logistics -> Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Anna Dembicka				
	Teachers		dr Anna Dembicka				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
	eNauczanie source addresses: Moodle ID: 7602 Podstawy ekonomii (PG_00056494), W, przedmiot humanistyczno-społeczny (wybieralny), sem. 1, zimowy 2026/27 https://enauczanie.pg.edu.pl/2025/course/view.php?id=7602						
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	15		1.0		9.0	25
Subject objectives	It is assumed that upon completing the course Fundamentals of Economics, the student will understand and correctly use basic economic concepts and will understand the economic phenomena discussed during the lectures.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications		The student knows and understands basic economic concepts, principles, and relationships, as well as their application in analyzing fundamental economic phenomena and problems.		[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge		
	[K6_U71] is able to apply knowledge from humanities, social sciences, economics, or law to solve problems		The student is able to apply economic knowledge to solve basic economic problems, using an understanding of fundamental economic principles and relationships.		[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_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment		The student is able to explain the importance of applying economic knowledge in functioning within a social environment, relating it to basic economic phenomena and problems.		[SK2] Assessment of progress of work [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Course content – lecture • Introduction to Economics: Basic Concepts • Types and Functioning of Economic Entities in the Micro- and Macroeconomy • The Market and Its Characteristics • The Theory of Demand, Supply, and Market Equilibrium • The Theory of Consumer Choice • Business Economics: Producers' Decisions • The Circular Flow of Money • National Income Accounting • Money and the Banking System • Fiscal and Monetary Policy • The Labor Market: Definition and Types of Unemployment • The Concept and Types of Inflation • Schools of Economic Thought • Nobel Prizes in Economics, 1969–2026 • Behavioral Economics, Experience Economy, and Kate Raworth's Doughnut Economics								
Prerequisites and co-requisites									
Assessment methods and criteria	<table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>test</td><td>70.0%</td><td>100.0%</td></tr></table>	Subject passing criteria	Passing threshold	Percentage of the final grade	test	70.0%	100.0%		
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Example issues/ example questions/ tasks being completed	microeconomics, macroeconomics, consumer choice theory, the producer and its objectives, costs, profits, types of competition, types of enterprises, real and nominal value, market economy, factors of production, entrepreneurship, needs, goods, private property, appreciation and depreciation of money, economies and diseconomies of scale, absolute vs. comparative advantage, economic development vs. economic growth, the business cycle, money and its functions, monetary and fiscal policy, the labor market and unemployment, inflation, major schools of economic thought, behavioral economics, Doughnut Economics, green economics.								
Practical activities within the subject	Not applicable								

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