



Subject card

Subject name and code	Basic economics, PG_00057614						
Field of study	Green Technologies						
Date of commencement of studies	October 2025	Academic year of realisation of subject			2025/2026		
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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Hanna Adamkiewicz				
	Teachers						
Lesson types and methods of instruction	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						
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 with the practical problems of the modern market economy						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W01] has a basic knowledge from some branches of mathematics and physics useful for formulating and solving simple problems in the field of environmental technologies and modern analytical methods		Has a basic knowledge about functioning of contemporary economies.		[SW1] Assessment of factual knowledge		
	[K6_W05] has an elementary knowledge of the fundamental concepts and problems of quality management, the general principles of creation and development of forms of individual entrepreneurship, application of the principles of work organization and integrated management, basic principles of quality control and analysis results; knowledge of basic legal aspects relating to the management of chemicals with particular emphasis on compounds polluting the environment and business, knows and understands the basic concepts and principles of the protection of industrial property and copyright and the need for management of intellectual property.		Has a basic knowledge about functioning of firms.		[SW1] Assessment of factual knowledge		
	[K6_K04] is ready to think and act in a creative and enterprising way, to negotiate, work in a team, assuming different roles		Is ready to work in an enterprise		[SK2] Assessment of progress of work		

Subject contents	The ten main principles of economics. Economics as a science. Market, demand and supply. Demand and supply elasticity and its applications. Measuring national income. Measuring maintenance costs. Production and its growth. World economy - development trends. Unemployment. The money system. The banking system - the role of central banks. Inflation.		
Prerequisites and co-requisites	not applicable		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written exam	60.0%	100.0%
Recommended reading	Basic literature	N.Gregory Mankiw, Mark P. Taylor Microeconomics. PWE Warszawa, 2016 N.Gregory Mankiw, Mark P. Taylor Macroeconomics. PWE Warszawa, 2016	
	Supplementary literature	R. Milewski E. Kwiatkowski: Economics, PWN, Warszawa 2012	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	1. Tasks of economics 2. Define basic economic resources 3. What is the market and the market economy? 4. The role of money in the economy.		
Work placement	Not applicable		

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