



Subject card

Subject name and code	Essentials of micro- and macroeconomics, PG_00045359						
Field of study	Data Engineering						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
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			English		
Semester of study	2	ECTS credits			5.0		
Learning profile	general academic profile	Assessment form			exam		
Conducting unit	Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Krzysztof Zięba					
	Teachers	dr Jakub Golik dr hab. inż. Krzysztof Zięba					
Lesson types and methods of instruction	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	4.0		46.0	125	
Subject objectives	The goal of the course to get students acquainted with foundations of micro- and macroeconomics, as well as with practical issues related to modern market economy operations.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		

Subject contents	<p>Introduction to Economics Ten Principles</p> <p>Economic Way of Thinking</p> <p>Market in Action S-D Model of Market</p> <p>Elasticity and Its Application</p> <p>Price Controls, Consumer and Producer Surplus</p> <p>Theory of Costs</p> <p>Perfect Competition</p> <p>Pure Monopoly</p> <p>Oligopoly</p> <p>Gross Domestic Product</p> <p>Unemployment</p> <p>Inflation</p> <p>Government Budget</p> <p>Money</p> <p>Banking System</p>		
Prerequisites and co-requisites	General knowledge level typical for a secondary school graduate.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Three seminar tests	60.0%	50.0%
	Written exam	60.0%	50.0%
Recommended reading	Basic literature	<p>N. Gregory Mankiw, Principles of Economics - 8th edition, Cengage Learning</p> <p>Taylor, John B., Weerapana, Akila, Principles of Microeconomics 6th edition Cengage Learning</p>	
	Supplementary literature	Harford T., Undercover Economist, Oxford University Press	
	eResources addresses	Adresy na platformie eNauczanie:	

<p>Example issues/ example questions/ tasks being completed</p>	<p>Market failures include . and .</p> <p>The concept of invisible hand of the market was developed by</p> <p>1) Which of the following does NOT add to U.S. GDP?</p> <p>a) General Motors builds a new auto factory in North Carolina.</p> <p>b) Air France buys a plane from Boeing, the U.S. aircraft manufacturer.</p> <p>c) The federal government sends a Social Security check to your grandmother.</p> <p>d) The city of New York pays a salary to a policeman.</p> <p>1) The city government is considering a following tax proposal - a tax of \$1 per-hot-dog, paid by producers of hot-dogs. Which curves would shift as a result of this tax?</p> <p>a) AVC, ATC, MC</p> <p>b) AVC, ATC</p> <p>c) AFC, ATC</p> <p>d) AFC, ATC, MC</p>
<p>Work placement</p>	<p>Not applicable</p>

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