



Subject card

Subject name and code	Welfare Economics, PG_00067940						
Field of study	Economics						
Date of commencement of studies	October 2025		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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Economic -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Ewa Lechman				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	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		5.0		40.0	75
Subject objectives	To introduce the student to the basic issues of welfare economics (as a part of microeconomics), with particular emphasis on issues of social justice, efficiency and redistributive policies. During the course, the student will acquire knowledge on inequality and poverty, as well as their measures, causes, and socio-economic consequences. Completion of the course will allow the student to understand the role of the State in correcting market failures and shaping tax and redistributive systems in a way that maximises social utility.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K01] is ready to fulfill professional roles responsibly, taking legal, ethical, and cultural aspects into account in decision-making processes.		Student understands the mechanisms of contemporary challenges related to the existence of income inequality, wealth inequality and the problem of poverty and knows the methods to counteract these challenges.		[SK5] Assessment of ability to solve problems that arise in practice		
	[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.		Student knows and understands economic processes and challenges concerning income redistribution, existing inequalities and the problem of poverty in the society.		[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K6_U06] acquires specialized knowledge in the field of economics, demonstrating the ability to effectively plan individual work and pursue lifelong learning.		Student analyse microeconomic data using appropriate statistical methods and formulate empirical conclusions.		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		

Subject contents	1. Introduction to welfare microeconomics - objectives, scope, main concepts; 2. Pareto efficiency and social justice - basic criteria for assessing resource allocation, first and second fundamental theorems of welfare economics; 3. Social welfare functions and market failure - theory, causes and consequences; 4. Public sector economics - state functions, public goods and externalities; 5. Redistribution and tax systems - horizontal and vertical equity, Pigou tax; 6. Concept of unconditional basic income; 7. Theories and measures of income and wealth inequality (Gini, Atkinson, Theil); 8. Causes and consequences of inequalities - economic, social and political aspects; 9. Gender economics - wage gap, labour market discrimination and compensation policies; 10. Poverty - definitions, measures (relative and absolute), policies against poverty and social exclusion.		
Prerequisites and co-requisites	Knowledge of basic statistical methods (Introduction to statistics)		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Empirical analysis (essay)	60.0%	60.0%
	Laboratory tasks	60.0%	40.0%
Recommended reading	Basic literature	Varian, H.R. <i>Intermediate Microeconomics: A Modern Approach</i> , W.W. Norton & Company Stiglitz, J.E., Rosengard, J.K. <i>Economics of the Public Sector</i> , W.W. Norton & Company	
	Supplementary literature	Brzeziński M., Bukowski P., Sawulski J. <i>Nierówności po polsku</i> . Wydawnictwo Krytyki Politycznej [POL] Piketty, T. <i>Capital in the Twenty-First Century</i> , Harvard University Press [ANG] Krugman, P. <i>The Conscience of a Liberal</i> , W. W. Norton & Company [ANG] Milanovic, B. <i>Global Inequality: A New Approach for the Age of Globalization</i> , Harvard University Press [ANG]	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Laboratory assignments to be developed during the laboratory classes. Empirical analysis (essay) on a selected topic covered by the course to be completed as part of the student's own work.		
Work placement	Not applicable		

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