



Subject card

Subject name and code	LABOUR MARKET ANALYSIS, PG_00071120						
Field of study	Economic Analytics						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2027/2028	
Education level	first-cycle studies	Subject group				Optional subject group 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	4	ECTS credits				4.0	
Learning profile	general academic profile	Assessment form				exam	
Conducting unit	Department of Statistics and Econometrics -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Dagmara Nikulin				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	30.0	0.0	0.0	45
	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	45		3.0		52.0	100
Subject objectives	preparing students to independently analyse processes taking place in European labour markets using data and statistical econometric tools, based on knowledge of labour market determinants, and to foster attitudes of critical source selection and independent expansion of knowledge in the interpretation of socio-economic phenomena.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U01] demonstrates the ability to leverage acquired knowledge to address complex economic, financial, and social challenges.	is able to independently acquire and update knowledge and analyze complex labour market processes using statistical and econometric methods to interpret empirical data.			[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 [SU5] Assessment of ability to present the results of task		
	[K6_K01] is ready to fulfill professional roles responsibly, taking legal, ethical, and cultural aspects into account in decision-making processes.	is ready to responsibly formulate conclusions regarding the labour market, taking into account legal, ethical, and cultural conditions and their relevance for different social groups.			[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice		
	[K6_W06] understands and applies methods for classifying and evaluating acquired information based on advanced general and specialized knowledge, with consideration of their application in various types of professional activities.	knows and understands reliable data sources and labour market analysis methods, particularly in identifying factors influencing employment, unemployment, and wages, including in a European context.			[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		

Subject contents	Course content – lecture 1. Basic concepts related to the labor market. 2. General characteristics of factors influencing the labor market. 3. The impact of demographic and educational determinants on the labor market. 4. The role of the institutional environment. New forms of employment. 5. Informal employment: definition, methods of measurement, data acquisition. 6. Changes in the labor market in the context of globalization: concepts and methods of measurement.		
	Course content – laboratory 1. Introduction to econometric analyzes modeling employment rates, unemployment and wages. 2. Databases containing information on labor markets. 3. Modeling of economic processes taking place on the labor market with the use of statistical and econometric tools.		
Prerequisites and co-requisites	Basic knowledge in statistics.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	final laboratory project (report)	60.0%	30.0%
	oral lecture exam	60.0%	50.0%
	final laboratory project (presentation of the results)	60.0%	20.0%
Recommended reading	Basic literature	1. Layard, R., & Ashenfelter, O. C. (Eds.). (1987). Handbook of labor economics (Vol. 2). North-Holland. 2. Ashenfelter, O., & Card, D. (Eds.). (1999). Handbook of labor economics (Vol. 3B). Elsevier. 3. Dustmann, C., & Lemieux, T. (Eds.). (2025). Handbook of labor economics (Vol. 5). North-Holland.	
	Supplementary literature	1. Card, D., & Ashenfelter, O. (Eds.). (2011). Handbook of labor economics (Vol. 4B). Elsevier. 2. Ashenfelter, O. C., & Card, D. (Eds.). (1999). Handbook of labor economics (Vol. 3C). North-Holland. 3. Dustmann, C., & Lemieux, T. (Eds.). (2024). Handbook of labor economics (Vol. 5). North-Holland.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> • Conducting an empirical analysis explaining the formation of the unemployment rate / labor demand / average wages in the European Union countries. • Exam questions: • Please describe the institutional factors influencing the level of wages. • Please describe the impact of demographic changes on the size of labor supply in the European Union countries. 		
Practical activities within the subject	Not applicable		

Document generated electronically. Does not require a seal or signature.