GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	ECONOMICS OF LABOR MARKETS, PG_00070615		
Field of study	Economics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2028/2029
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	3	Language of instruction	Polish
Semester of study	6	ECTS credits	4.0
Learning profile	general academic profile	Assessment form	assessment
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	30.0	0.0	30.0	0.0	0.0	60

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	60	3.0	37.0	100

Subject objectives

Preparing students to analyze the mechanisms of labor market functioning based on knowledge of economic theories and statistical-econometric tools, as well as fostering attitudes of responsible collaboration and interpretation of socio-economic phenomena in the context of labor market policy.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W07] knows and understands advanced methods for analyzing economic, financial, and social phenomena, taking into account legal and ethical issues.	Knows and understands the key mechanisms of the labor market (supply, demand, wages, unemployment, inequalities) as well as the role of institutions and public policy — in the context of interpreting phenomena in labor markets.	[SW3] Assessment of knowledge contained in written work and projects
[K6_K01] is ready to fulfill professional roles responsibly, taking legal, ethical, and cultural aspects into account in decision-making processes.	Is prepared to act responsibly in a team during labor market analysis, in particular by diligently applying ethical principles when interpreting data and drawing conclusions.	[SK2] Assessment of progress of work [SK3] Assessment of ability to organize work
[K6_U03] collaborates with others in solving interdisciplinary problems.	Is able to collaborate in a project team on labor market analysis, applying an established division of roles, collaboration tools, and presentation techniques to prepare and defend the results.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject

Subject contents	Course content – lecture 1. Introduction to Labour Market Economics 2. Labour Supply, Demand, and Market Equilibrium 3. Labour Market Theories under Imperfect Competition 4. Collective Bargaining and Trade Unions 5. Labour Market Discrimination 6. Unemployment 7. Technological Change, Unemployment, and Inequality 8. Globalisation, Employment, and Inequality 9. Labour Market Policy Course content – laboratory 1. Introduction to Labour Market Economics 2. Labour Supply, Demand, and Market Equilibrium 3. Labour Market Theories under Imperfect Competition 4. Collective Bargaining and Trade Unions 5. Labour Market Discrimination 6. Unemployment 7. Technological Change, Unemployment, and Inequality 8. Globalisation, Employment, and Inequality 9. Labour Market Policy
Prerequisites and co-requisites	Completion of courses in statistics and econometrics.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Team analytical project (results presentation)	60.0%	30.0%
Team analytical project (report)	60.0%	30.0%
Problem-based questions (oral exam)	60.0%	40.0%

Recommended reading

Basic literature	1. Cahuc, P., Carcillo, S., & Zylberberg, A. (2014). *Labor economics* (2nd ed.). MIT Press.
Supplementary literature	1. Kwiatkowski, E. (2002). Bezrobocie. Podstawy teoretyczne. Warszawa: PWN
eResources addresses	

Example issues/ example questions/ tasks being completed

- Characteristics of active and passive labour market policy instruments
- Key assumptions of job search theory
- Econometric analysis of wage determinants in selected EU countries

Practical activites within the subject

Not applicable

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