



Subject card

Subject name and code	Labor Market Analysis, PG_00068571						
Field of study	Economic Analytics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Part-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 -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	0.0	16.0	0.0	0.0	24
	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	24		5.0		71.0	100
Subject objectives	The processes taking place in European labor markets are described , in particular in terms of determinants influencing the main variables of the labor market.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W03] is familiar with reliable sources of information and employs advanced knowledge to explain the fundamental dilemmas of the contemporary economy		identifies reliable sources of obtaining information relevant to labor market analyzes		[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge		
	[K6_U06] acquires specialized knowledge in the field of economic analytics, demonstrating the ability to effectively plan individual work and pursue lifelong learning.		acquires new knowledge necessary for empirical analyzes of the labor market		[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment		
Subject contents	Basic concepts related to the labor market. General characteristics of factors influencing the labor market. The impact of demographic and educational determinants on the labor market. The role of the institutional environment.New forms of employment. Informal employment: definition, methods of measurement, data acquisition. Changes in the labor market in the context of globalization: concepts and methods of measurement. Introduction to econometric analyzes modeling employment rates, unemployment and wages. Databases containing information on labor markets. 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	60.0%	50.0%
	oral lecture exam	60.0%	50.0%
Recommended reading	Basic literature	Słocińska, A. (2013). Czynniki społeczno-cywilizacyjne zmieniające współczesny rynek pracy-ujęcie interpretatywne. <i>Studia Ekonomiczne</i> , (161), 153-161. Drela, K. (2017). Zmiany demograficzne a rynek pracy w Polsce. <i>Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu</i> , (489), 78-89. Kufel, E. (2009). Rozwiązywanie problemów z wykorzystaniem programu GRETL, wyd. 3 zm. Warszawa: Wydawnictwo Naukowe PWN. Retyk, J. (2022). Wpływ definicji pracy zdalnej na rynek pracy w Polsce. <i>Z Problematyki Prawa Pracy i Polityki Socjalnej</i> , 3(20), 1-16. Kalinowska-Sufinowicz, B. (2023). Osoby młode na rynku pracy. Wydawnictwo Uniwersytetu Ekonomicznego w Poznaniu. Arendt, Ł., & Grabowski, W. (2021). DETERMINANTY RUCHU PRACOWNIKÓW POMIĘDZY SEGMENTAMI RYNKU PRACY. <i>Polityka Społeczna</i> . Kawa, M., & Grewiński, M. (2021). Nowe formy zatrudnienia na europejskim rynku pracy w kontekście zmian technologicznych i pandemii COVID-19. <i>Polityka społeczna</i> . Adamowicz, M. (2022). Czynniki przemian rynku pracy w Polsce w latach 1989-2021. <i>Akademia Bialska Nauk Stosowanych im. Jana Pawła II</i> .	
	Supplementary literature	Kukulak-Dolata, I. (2018). Niestandardowe formy zatrudnienia jako jeden z wymiarów segmentacji rynku pracy. <i>Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu</i> , (536), 113-121. Ostoj, I. (2019). Rozwój gig economy jako wyzwanie dla sfery regulacji rynku pracy. <i>Studia Prawno-Ekonomiczne</i> , (110), 239-252.	
	eResources addresses	Adresy na platformie eNauczanie:	
	Example issues/ example questions/ tasks being completed	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.	
Work placement	Not applicable		

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