



Subject card

Subject name and code	MODELING THE LABOR MARKET, PG_00060729						
Field of study	Economic Analytics						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2024/2025		
Education level	second-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		3.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department of Statistics and Econometrics -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Dagmara Nikulin				
	Teachers		dr Dagmara Nikulin				
Lesson types and methods of instruction	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		4.0		26.0	75
Subject objectives	Analyzes the functioning of the labor market, taking into account economic and social conditions						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U04] prepares and presents convincing, professional presentations of analysis results, with their in-depth interpretation		presents a professional presentation of the results of analyzes of the functioning of the labor market, making an in-depth interpretation of the proposed assessments		[SU5] Assessment of ability to present the results of task		
	[K7_W06] identifies reliable sources of information relevant to the analyzed issues		selects appropriate sets of variables for the models based on in-depth knowledge of the studied phenomena		[SW1] Assessment of factual knowledge		
Subject contents	Wage analysis and definition and decomposition of the wage gap						
	The impact of new technologies on the labor market						
	The impact of international trade on the labor market						
	Analysis of working conditions from a holistic perspective						
	Collective labor agreements						
	Analysis of various forms of employment						
	Inequalities in the labor market						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written exam	60.0%	50.0%
	Final project	60.0%	50.0%
Recommended reading	Basic literature	Lecture slides	
		Current scientific literature provided during lectures	
	Supplementary literature	Cahuc, P., Carcillo, S., & Zylberberg, A. (2014). Labor economics. MIT press.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Please build a model explaining the connections between the use of new technologies and the level of wages.		
	Please explain the concept of wage gap decomposition.		
Work placement	Not applicable		

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