



Subject card

Subject name and code	MODELING THE LABOR MARKET, PG_00067121						
Field of study	Economic Analytics						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	second-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			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						
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	4.0		47.0		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_W06] Knows and understands the principles of evaluating the reliability of utilized data, applying in-depth specialized knowledge in the field of economic analysis	selects appropriate sets of variables for the models based on in-depth knowledge of the studied phenomena			[SW1] Assessment of factual knowledge		
	[K7_U04] Prepares and delivers convincing presentations of the results of specialized analyses, providing in-depth interpretations during debates and meetings with diverse audiences.	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		
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						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Final project	60.0%			50.0%		
	Oral exam	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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