

Subject card

Subject name and code	Statistics , PG_00049165							
Field of study	Spatial Development							
Date of commencement of studies	October 2023		Academic year of realisation of subject			2024/2025		
Education level	first-cycle studies		Subject group			Obligatory subject group 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	3		ECTS credits			4.0		
Learning profile	general academic profile		Assessment form			exam		
Conducting unit	Department of Economic Sciences -> Faculty of Management and Economics							
Name and surname	Subject supervisor							
of lecturer (lecturers)	Teachers							
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	ory Project		Seminar	SUM
of instruction	Number of study hours	15.0	30.0	0.0	0.0		0.0	45
	E-learning hours inclu	uded: 0.0						
Learning activity and number of study hours	Learning activity	Participation in classes include plan		Participation in consultation hours		Self-study		SUM
	Number of study hours	45		7.0		48.0		100
	Shaping the practical skills of using statistical software to process statistical data and interpret the oresults. Developing creativity in collecting statistical data from public internet sources for the needs of condu							
Learning outcomes	Course outcome		Subject outcome			Method of verification		
	[K6_W03] has elementary knowledge in the field of		The student can choose the description method depending on the data type, using both accounting calculations and statistical software.			[SW3] Assessment of knowledge contained in written work and projects		
	K6_U04		The student can interpret the results of his/her statistical analyzes.					
	[K6_U07] evaluates the usefulness of standard methods and tools used in planning and management of spatial development and is able to select and apply the most appropriate ones		The student has a basic knowledge of the spatial nature of socio-economic phenomena. The student knows and can choose the appropriate tools for the analysis of spatial phenomena.			[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		

Data wydruku: 12.05.2024 11:41 Strona 1 z 2

Subject contents	 Variables type. Measurement scales. Grouping and presentation of statistical material Measures of central tendency and diversity Asymmetry and kurtosis measures Analysis of relationship between qualitative variables Analysis of relationship between quantitative variables Regression Dynamics analysis - index method Dynamics analysis - trend and seasonality models Spatial weight matircies Visualization of spatial data Spatial autocorrelation Spatial regression models 					
Prerequisites and co-requisites						
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade			
and criteria	Tutorial exam	60.0%	33.0%			
	Written exam	60.0%	33.0%			
	Tutorial exam	60.0%	34.0%			
Recommended reading	Warszawa 2011. Kukuła, K., "Elementy stat 2011. Piłatowska, M., "Reptytoriu 2007. Suchecka J. (red.), "Statytykur przestrzennych" Supplementary literature Sobczyk, M., "Statystyka", Sej-Kolasa, M., Zielińska Acwiczeń", Wydawnictwo Akademii El Wrocławiu, Wrocław 2004. Jóźwik, J., Podgórski J., "S		A., "Excel w statystyce. Materiały do konomicznej im. O. Langego we . Statystyka od postaw", PWE, Warszawa etria i statystyka przestrzenna z			
	eResources addresses	Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Based on the prepared data set calculate and interpret measures of central tendency, diveristy, asymmetry and kurtosis. Check whether there is a correlation between variable X and Y. Estimate the multiple regression model for the variable X. Interpret goodness-of-fit measures. Check if variable X is spatially autocorrelated. Justify your answer.					
Work placement	Not applicable					

Data wydruku: 12.05.2024 11:41 Strona 2 z 2