



Subject card

Subject name and code	Social Statistics, PG_00044526						
Field of study	Economic Analytics						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2021/2022		
Education level	second-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			blended-learning		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Economic Sciences -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Mariusz Kaszubowski					
	Teachers	dr Mariusz Kaszubowski					
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: 15.0						
Statystyka Społeczna - stacj. - wykład (2021_22) - Moodle ID: 19265 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19265							
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	10.0		45.0	100	
Subject objectives	Students receive knowledge of modern methods of analysis and reasoning about social phenomena, processes and skills of its practical application, information about specific aspects of the social changes taking place in Poland and Europe. During the course students will learn the basic methods of quantitative analysis of social phenomena and processes.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_U07] can use the acquired knowledge of economic sciences and quantitative methods to identify, formulate and propose solutions to specific economic problems and assess their effectiveness	The student interprets statistical data about phenomena and social processes by processing them further using appropriate statistical tools. Student determines the range of statistical data needed for analysis of certain social phenomena and processes.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject
	[K7_W07] has an in-depth knowledge on methods of social and economic phenomena description, including market information acquisition techniques and methods of analysis and modelling of economic processes	The student knows the basic directions of development of social statistic and its role in the contemporary state/ Student defines the basic principles of social research, with special regard to studies carried out by international organizations and Eurostat.	[SW1] Assessment of factual knowledge
	[K7_U02] can use theoretical knowledge in the field of economics and finance to obtain, analyse and interpret data on economic processes and phenomena and on their basis formulate own opinions	The student selects the appropriate tools and procedures for the analysis of certain social phenomena and processes.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
	[K7_K04] actively participates in the preparation of complex socio-economic projects	The student selects the appropriate tools and procedures for the analysis of certain social phenomena and processes.	[SK3] Assessment of ability to organize work [SK1] Assessment of group work skills [SK2] Assessment of progress of work
[K7_W01] has an in-depth knowledge of the nature of economic sciences and their place in the social sciences system and in relation to other sciences	The student defines the basic concepts related to the professional activity of the population, correctly characterizes methods of analysis of the labor market from the supply and demand side. The students identifies and recognizes the methods of analysis of poverty and inequality.	[SW1] Assessment of factual knowledge	
Subject contents	introduction to techniques of summarizing and interpreting social science data. Descriptive statistics. Probability theory and probability distributions. Decision theory. Testing statistical hypotheses. Statistical estimation. Non-parametric statistics. Correlation and regression analysis. Use of a computer applications (DAD, Statistica, R) designed to process social science data.		
Prerequisites and co-requisites	Descriptive statistics, mathematical statistics.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Final exam	60.0%	50.0%
	Tutorial exam	60.0%	50.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> Panek T (red.) „Statystyka społeczna”, PWE, Warszawa, 2007; GUS "Wskaźniki społeczne", Biblioteka Wiadomości Statystycznych, t.41, Warszawa, GUS, 1991; GUS "Zagadnienia metodologiczne statystyki społeczno-demograficznej", Biblioteka Wiadomości Statystycznych, t.26, Warszawa, GUS, 1976 A System to Monitor the Living Conditions of Polish Households, "Statistics in Transition" 1996, Vol. 2, No. 6, str. 979-1004. 	
	Supplementary literature	<ul style="list-style-type: none"> GUS "Wieloaspektowe badania warunków życia ludności, Warszawa, GUS, 2001 Diagnoza społeczna 2011. Warunki i jakość życia Polaków, red. J.Czapiński i T.Panek, Rada Monitoringu Społecznego, Vizja Press & IT, Warszawa 2011. 	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		