University of Gdańsk

Subject card

Subject name and code	Measurement and Scaling Techniques - auditorium classes, PG_00177059						
Field of study	Sociology						
Date of commencement of studies	October 2027		Academic year of realisation of subject		2027/2028		
Education level	Master's 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		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Maciej Brosz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	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	15		4.0		56.0	75
Subject objectives	Regardless of the methodological strategies used and the preferred research methods, the idea of measurement is present in every research project. The course "Measurement and scaling methods in sociology" is to equip participants with the skills of selecting appropriate measurement tools for research purposes. The classes are to equip students with practical skills of selecting, building and calculating indexes, scales and, in the case of qualitative tools, typologies, categories. The topics also include issues related to modeling in sociological research.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[SOCMU2_U08] The graduate is able to analyse and understand many current social phenomena in the context of knowledge about the mechanisms of human activity, the impact of a group on an individual, the processes of change in Polish, European and world society, and is able to relate his/her understanding of these phenomena to theoretical explanations and results of social research	The graduate is capable of analyzing and selecting a measurement procedure appropriate to the social phenomenon.	[SU5] implementation of a problem task
[SOCMU2_U07] The graduate is able to independently propose solutions to a specific problem in the field of sociology based on carrying out appropriate research procedures	The graduate is able to independently select indexing and scaling methods for planned sociological research studies.	[SU5] implementation of a problem task
[SOCMU2_W06] The graduate has in-depth knowledge and understanding of quantitative and qualitative methods of sociological research, including observation, interview, document analysis and desk research, and how to develop and report research findings	The graduate has in-depth knowledge and understanding of statistical analysis tools in the process of building scales and indexes.	[SW5] implementation of a problem task
[SOCMU2_U04] The graduate is able to forecast and model complex social processes and phenomena in various areas of social life on the basis of sociological knowledge using advanced methods of sociological research	Formulates conclusions and makes decisions based on the results of validation studies.	[SU5] implementation of a problem task
[SOCMU2_K02] The graduate recognizes and correctly solves dilemmas connected with his/her profession	The graduate is prepared to design measurement procedures in quantitative sociological research.	[SK5] implementation of a problem task

Subject contents

Basic data processing operations using statistical analysis software.
Index building.
Thurstone scale.
Likert scale.
Guttman scale.
Bogardus scale.
Semantic differential.

Prerequisites and co-requisites

Obtaining a master's degree, progressing to the second semester of studies, and understanding the sociological research methodology from the initial semester of study are all necessary.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Final test.	40.0%	100.0%

Recommended reading	Basic literature	S. Nowak, Metodologia nauk społecznych, PWN, Warszawa 2007. R. Mayntz, K. Holm, P. Huebner, Wprowadzenie do metod socjologii empirycznej. PWN. Warszawa 1985. R. Suchocka, B. Suchocki, J. Walkowiak, Techniki pomiaru w socjologii, Wyd. Naukowe UAM, Poznań 1985. J. Brzeziński, Elementy metodologii badań psychologicznych, PWN, Warszawa 1984. S. Nowak (red.), Metody badań socjologicznych. Wybór tekstów. PWN. Warszawa 1965. Ch. Frankfort-Nachmias, D. Nachmias, Metody badawcze w naukach społecznych, Zysk i S-ka, Poznań 2001. M. Nawojczyk, Przewodnik po statystyce dla socjologów. SPSS Polska, Kraków 2004.
	Supplementary literature	H. M. Blalock, Statystyka dla socjologów, PWN, Warszawa 1975.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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