

1.	Field of study	Sociology
2.	Faculty	Faculty of Social Sciences
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	general academic
6.	Mode of study	part-time

7. General information about the module	
Module name	Analiza danych ilościowych
Module code	W3-SO-N1-ADI
Number of the ECTS credits	2
Language of instruction	Polish
Purpose and description of the content of education	Celem modułu jest wykształcenie u studentów umiejętności samodzielnego opracowania materiału badawczego uzyskanego poprzez ilościowe badania empiryczne. Studenci uczą się tworzenia baz danych, operacji na bazach danych oraz wykonywania obliczeń przy użyciu programów komputerowych.
List of modules that must be completed before starting this module (if necessary)	[W3-SO-N1-PI] Projekt ilościowy

8. Learning outcomes of the module			
Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)
K01	jest świadomy konieczności stałego doskonalenia umiejętności związanych z wykorzystywaniem zróżnicowanych narzędzi wykorzystywanych w analizie danych ilościowych	K01 K02 K06	4 3 3
K02	ma świadomość konieczności doskonalenia kompetencji komunikacyjnych pozwalających na przedstawianie wyników analiz, uwzględnia kwestie etyczne w procesie analizy danych i udostępniania jej wyników	K01 K04 K05 K06	3 2 3 2
U01	potrafi formułować konkluzywne wnioski na podstawie ilościowych danych empirycznych, ma umiejętności w zakresie przygotowania podsumowań brzegowych poszczególnych zmiennych, umie analizować zestawienia korelacyjne i na ich podstawie weryfikować hipotezy badawcze	U02 U04 U06 U10 U11	2 4 2 2 3
U02	potrafi wykorzystywać narzędzia cyfrowe do analizy danych ilościowych, potrafi dostosować narzędzia analizy do potrzeb wynikających z założeń przedsięwzięć badawczych ukierunkowanych z gromadzenie danych ilościowych	U01 U04	2 4

		U09	2
		U10	2
		U11	2
W01	ma wiedzę z zakresu statystyki pozwalającą na syntetyczną i miarodajną analizę danych o charakterze ilościowym; zna zasady wnioskowania na bazie materiału empirycznego	W05	4
		W06	2
		W10	2
		W11	3

9. Methods of conducting classes		
Code	Category	Name (description)
a03	Lecture methods / expository methods	Description <i>a description of objects, phenomena, processes or people; it involves specifying the structure and characteristic features of the object, phenomenon, or process being described; it is usually accompanied by a demonstration of the described object or by its models, drawings, tables, charts, etc.; a description may take the form of an explanation, classification, justification or comparison</i>
d01	Programmed learning methods	Working with a computer <i>e.g., Webquest; implementation of educational tasks using electronic and digital devices, computer programs and Internet applications; the academic teacher acts as a consultant; students' work is carried out step by step according to the plan laid own by the person teaching the course and following his instructions, and proceeds towards producing the indicated results within the set deadline</i>
d02	Programmed learning methods	Working with a programmed textbook <i>working with a textbook containing instructional material covering part of or the entire curriculum of the module as well as a formula for studying the content; includes working with a subject textbook, an atlas, a catalogue, a problem book, etc.</i>
f01	Methods of self-learning	Self-education <i>a method which involves independent acquisition of knowledge, skills and social competences, extending their scope and quality; complementary to the learning process taking place in class; taking on the task of developing and adjusting qualifications on one's own; self-study</i>
f02	Methods of self-learning	Individual work with a text <i>searching for and acquiring new information using textbooks and other written sources (including their digital versions); searching for texts, selecting fragments for analysis/interpretation, using other texts to solve a problem related to the studied issue</i>

10. Forms of teaching					
Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
01	workshop	10	course work	K01, K02, U01, U02, W01	a03, d01, d02, f01, f02

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
a01	Preparation for classes	Search for materials and review activities necessary for class participation <i>reviewing literature, documentation, tools and materials as well as the specifics of the syllabus and the range of activities indicated in it as required for full participation in classes</i>	No

a02	Preparation for classes	Literature reading / analysis of source materials <i>reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class</i>	No
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)</i>	No
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	No
c01	Preparation for verification of learning outcomes	Determining the stages of task implementation contributing to the verification of learning outcomes <i>devising a task implementation strategy embracing the division of content, the range of activities, implementation time and/or the method(s) of obtaining the necessary materials and tools, etc.</i>	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class <i>exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class</i>	No
d01	Consulting the results of the verification of learning outcomes	Analysis of the corrective feedback provided by the academic teacher on the results of the verification of learning outcomes <i>reading through the academic teacher's comments, assessments and opinions on the implementation of the task aimed at checking the level of the achieved learning outcomes</i>	Yes
d02	Consulting the results of the verification of learning outcomes	Development of a corrective action plan as well as supplementary/corrective tasks <i>reviewing and selecting tasks and activities enabling the elimination of errors indicated by the academic teacher, their verification or correction resulting in completing the task with at least the minimum passing grade</i>	Yes

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: <https://usosweb.us.edu.pl>.