University of Silesia in Katowice

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	full-time

7.	General information about the module

Module name	Statystyka dla socjologów
Module code	W3-SO-S1-SDS
Number of the ECTS credits	5
Language of instruction	Polish
Purpose and description of the content of education	Moduł obejmuje podstawowe zagadnienia z zakresu statystyki opisowej i indukcyjnej. Ukończenie kursu daje znajomość podstawowych pojęć i procedur statystycznych, które pozwolą studentowi na prezentację, analizę i interpretację danych ilościowych.
List of modules that must be completed before starting this module (if necessary)	not applicable

8.	Learning outcomes of the module

Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)
K01	uznaje rolę metod statystycznych w naukach empirycznych i potrafi je wykorzystać w pracy badawczej	K01 K02	5 4
K02	jest przygotowany do pracy w zespole składającym się ze specjalistów z różnych dziedzin, aby realizować zadania z wykorzystaniem analiz statystycznych	K04 K05 K06	4 4 5
U01	potrafi gromadzić i grupować dane do analizy statystycznej	U04	4
U02	posiada umiejętność wykonywania analiz społecznych w oparciu o narzędzia i testy statystyczne	U01 U03 U04	3 3 4
U03	posiada umiejętność analizowania i interpretowania danych statystycznych oraz ich zastosowania w analizie problemów społecznych	U03 U04	4 4
U04	potrafi tworzyć i przekształcać bazy z danymi w programie służącym do analizy danych ilościowych	U04	3
W01	posiada wiedzę dotyczącą etapów projektowania badania statystycznego	W05 W11	4 3

		W12	3
W02	posiada wiedzę z zakresu statystyki opisowej oraz wybranych elementów statystyki indukcyjnej, zna i rozumie podstawowe pojęcia statystyki opisowej	W05	4
		W11	3

9.	**Methods of conducting classes**		
Code	**Category**	**Name (description)**	
a01	Lecture methods / expository methods	Formal lecture/ course-related lecture *a systematic course of study involving a synthetic presentation of an academic discipline; its implementation assumes a passive reception of the information provided*	
a03	Lecture methods / expository methods	Description *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*	
c07	Demonstration methods	Screen presentation *a presentation of synthetic image content using computer graphics, e.g., a series of slides or other multimedia forms, usually accompanied by a commentary; typical components of a screen presentation include text organized into bulleted points, charts, images and animations, sometimes sound effects or music; a multimedia illustration of course content presented in the form of a projected image*	
d01	Programmed learning methods	Working with a computer *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*	
d02	Programmed learning methods	Working with a programmed textbook *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.*	
f01	Methods of self-learning	Self-education *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*	
f02	Methods of self-learning	Individual work with a text *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*	

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	lecture	30	exam	K01, U01, U02, U03, W01, W02	a01, a03, c07
02	workshop	30	course work	K01, K02, U01, U02, U03, U04, W01, W02	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 *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*	No
a02	Preparation for classes	Literature reading / analysis of source materials *reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class*	No
a03	Preparation for classes	Developing practical skills *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)*	No
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content *reading through the syllabus and getting acquainted with its content*	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class *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*	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 *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*	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.