Course code	
Type and description	Elective Course
ECTS credit	1
Course name	Survey data statistical analysis
Course name in Polish	Analiza statystyczna w badaniach ankietowych
Language of instruction	English
Course level	8 PRK
Course coordinator	Dr hab. inż. Edyta Marcinkiewicz, prof. ucz. (0000-0002-2229-4084)
Course instructors	Prof. dr hab. Filip Chybalski (0000-0001-9555-8741)

Delivery methods and course duration

	Lecture	Tutorials	Laboratory	Project	Seminar	Other	Total of teaching hours during semester
Contact hours	0	0	0	15	0	0	15
E-learning	No	No	No	No	No	No	
Assessment criteria (weightage)	0,00	0,00	0,00	100%	0,00	0,00	

Course objective	1.To enable gaining the knowledge concerning the practical use of statistical methods in survey data analysis 2. To enable gaining the skills in survey data processing and quantitative analysis
Learning outcomes	After completing the course a PhD student will be able to: 1. select the quantitative methods discussed to the analysis of social phenomena – W4, U4, K1 2. apply quantitative methods discussed to the analysis of social phenomena with the use of computer software – W4,U4, K1
Assessment methods	Learning outcomes 1-2 – written project The final evaluation is based on: Project – 100%
Prerequisites	Not applicable
Course content with delivery methods	PROJECT 1. Data collecting 2. Data coding 3. Graphical presentation of data 4. Data analysis with methods of descriptive statistics 5. Data analysis with methods of inferential statistics 6. Correlation and regression
Basic reference materials	1. Lecturer's materials 2. Aczel A.: Complete Business Statistics, Wohl Publishing, Morristown, 2012. 3. Stine R., Foster D., Statistics for Business, Pearson Education Limited, Essex, 2014.
Other reference materials	1. Heeringa S., West B., Berglund P., Applied Survey Data Analysis, CRC Press, Boca Raton, 2017.
Average student workload outside classroom	10h
Comments	
Last update	23.04.2023