

1.	Field of study	Human Resource Management in Organisation
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	Matematyka i statystyka w zarządzaniu
Module code	W3-ZZ-S1-MIS
Number of the ECTS credits	2
Language of instruction	Polish
Purpose and description of the content of education	Celem modułu jest zapoznanie studenta z tematyką oraz zastosowaniami matematyki i statystyki w zarządzaniu. Studenci nabywają wiedzę oraz praktyczne umiejętności w zakresie rachunku prawdopodobieństwa, poznają procedury statystyki opisowej oraz zasady analizy korelacyjnej oraz testy chi-kwadrat.
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	dokonyje krytycznej oceny posiadanej wiedzy z zakresu matematyki i statystyki; uznaje znaczenie tej wiedzy w rozwiązywaniu problemów poznawczych i praktycznych z zakresu zarządzania zasobami ludzkimi	K01 K02	4 2
U01	potrafi stosować wybrane metody i narzędzia statystyczne do rozwiązywania problemów rzeczywistych, w szczególności związanych z zarządzaniem zasobami ludzkimi	U03 U08	3 4
U02	potrafi ocenić przydatność metod matematycznych i statystycznych do analizy procesów z zakresu zarządzania zasobami ludzkimi	U01 U03	3 3
W01	posiada wiedzę na temat wybranych metod i narzędzi statystycznych; zna ich zastosowania w obszarze zarządzania zasobami ludzkimi	W06	4

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>

e01	Practical methods	Laboratory exercise / experiment <i>[also conducted as fieldwork] a method of practical application of knowledge; implemented in three stages: the recognition of a problem induced by the task content, the formulation of the problem and the attempt to solve it accompanied by the assessment of the effects; the goal is to acquire skills, abilities and habits, and to consolidate the acquired knowledge so that it becomes operational; the laboratory method assumes greater independence of learners than carrying out an experiment</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	30	course work	K01, U01, U02, W01	a03, e01, f02

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
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
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

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>.