

Subject card

Subject name and code	Statistical Inference I, PG_00155283						
Field of study	Mathematical Modeling and Data Analysis						
Date of commencement of studies	October 2025	Academic year of realisation of subject			2027/2028		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	5	ECTS credits			4.0		
Learning profile	academic	Assessment form			exam		
Conducting unit	Division of Real Functions -> Institute of Mathematics -> Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Janusz Przewocki				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	15.0	0.0	0.0	60
	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	60		5.0		35.0	100
Subject objectives	Not applicable						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MMiADL3_W09] knows and understands the basics of computational and programming techniques supporting mathematician's work and understands their limitations	Not applicable	[SW4] test/exam - oral or written
	[MMiADL3_U09] is able to use the learned software package or the learned programming language to solve selected problems from the known fields, in particular from mathematical analysis, linear algebra and statistics	Not applicable	[SU4] test/exam - oral or written
	[MMiADL3_W04] knows the basic concepts, methods and theorems of the theory of probability and statistics, and basic examples both illustrating specific concepts in these areas, and allowing to refute incorrect hypotheses or unauthorized reasoning	Not applicable	[SW4] test/exam - oral or written
	[MMiADL3_U04] correctly uses the concepts of probability theory and statistics, is able - at a simple and medium level of difficulty - to apply the theorems and methods of these fields, and is able to interpret the results obtained	Not applicable	[SU4] test/exam - oral or written
	[MMiADL3_U13] knows how to use computer programmes in the field of data analysis	Not applicable	[SU4] test/exam - oral or written
	[MMiADL3_K10] is ready to analyse data and communicate the conclusions of such analysis in an accessible form	Not applicable	[SK8] observation of student's independent or team work
Subject contents	Not applicable		
Prerequisites and co-requisites	Not applicable		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	observation of the student's attitude	51.0%	0.0%
	oral or written exam	51.0%	50.0%
	test	51.0%	50.0%
Recommended reading	Basic literature	Not applicable	
	Supplementary literature	Not applicable	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Not applicable		
Work placement	Not applicable		

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