

Subject card

Subject name and code	Working with a Scientific Text, PG_00207485						
Field of study	Mathematics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish Polish or English		
Semester of study	3		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Institute of Mathematics -> Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Andreas Zastrow				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	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	30		4.0		41.0	75
Subject objectives	Preparing the student to independently study scientific literature, search for scientific sources and critically analyze mathematical texts.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[MATMU2_K04] is ready to take care of the achievements and traditions of professions related to analytical modeling and data analysis by thinking and acting in an entrepreneurial manner, improving his/her competences and popularizing knowledge		is ready to critically analyze and disseminate scientific content while maintaining the integrity of the message and the ethos of the mathematician's profession; demonstrates initiative in independently expanding their knowledge and is able to present complex mathematical issues in a manner tailored to the audience's needs, thereby promoting the achievements of the discipline		[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work		
	[MATMU2_W02] knows and understands in depth the role and importance of the construction of mathematical reasoning		knows and understands the meaning of various types of scientific texts, with particular emphasis on mathematical texts; knows and understands the role of the most important elements of the structure of a mathematical article		[SW1] oral statement/conversation/discussion		
	[MATMU2_U03] can understand texts of various nature, from selected fields of mathematics and related sciences		is able to analyze a scientific article from a selected field of mathematics, interpret its theses and reconstruct the line of reasoning contained therein		[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report		

Subject contents	1. Types of scientific texts. 2. Searching for scientific sources. 3. Organization and structure of mathematics articles. 4. Strategies for reading and analyzing mathematical text. 5. Summary and presentation of the content of a mathematical article.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Observation of the student's attitude	51.0%	0.0%
	activity during the classes including the presentation of the final work	51.0%	100.0%
	Final work	51.0%	0.0%
Recommended reading	Basic literature	• A. Roux, How to read mathematics, https://www-users.york.ac.uk/~ar521/papers/roux2003b.pdf • S. Keshav, How to Read a Paper, http://svr-sk818-web.cl.cam.ac.uk/keshav/papers/07/paper-reading.pdf	
	Supplementary literature	• S. Simonson and F. Gouvea,How to Read Mathematics, https://web.stonehill.edu/compsci/History_Math/math-read.htm	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Not applicable		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.