

Subject card

Subject name and code	English Language 4, PG_00155278						
Field of study	Mathematical Modeling and Data Analysis						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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	2		Language of instruction		English		
Semester of study	4		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Zespół lektorów języka angielskiego -> Centrum Języków Obcych -> Prorektor ds. Studenckich i Jakości Kształcenia -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Irena Moszczyńska-Janicka				
	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		0.0		0.0	30
Subject objectives	Developing student's language skills: speaking, reading, writing, listening so that they reflect learner's academic, professional and personal needs, as well as job market requirements.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[MMiADL3_U16] uses at least one foreign language at upper-intermediate (B2) level		Has language skills corresponding to the requirments of level B2 of the Common European Framework of Reference for Languages. Can prepare typical written compositions in English related to chosen mathematical areas.		[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work		
	[MMiADL3_U14] has the ability to prepare oral presentations in Polish and at least one foreign language about selected mathematical issues using various sources of knowledge		Can prepare oral presentations in English concerning matters related to his/her field of study, concerning chosen mathematical issues.		[SU1] oral statement/conversation/discussion [SU6] demonstration of practical skills [SU8] observation of student's independent or team work		

Subject contents	Language and skills applicable to a specific job environment, in the context of the selected field of study, such as: • telephoning • meetings • teamwork and team building • business correspondence • presentations • negotiations • recruitment • cross-cultural communication ESP and academic language components up to 30% or less of the course contents. Revision and consolidation of grammar rules.		
Prerequisites and co-requisites	Suggested foreign language entry level: B1 or higher (according to CEFR)		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written and oral assignments, including student's self-study	51.0%	100.0%
Recommended reading	Basic literature	Krukiewicz-Gacek Anna, Trzaska Agnieszka, <i>English for Mathematics</i> , AGH Press, 2012.	
	Supplementary literature	Łyczko, Agnieszka, <i>English for Mathematics: a Mathematician's Guide to Professional Communication in English</i> , SPNJO PK, 2015. Batóg, Barbara, et al. <i>Mathematics for Students of Economics, Finance and Management</i> , Difin, 2021.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	- Public speaking, presentations - How to read scientific papers		
Work placement	Not applicable		

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