University of Gdańsk

Subject card

Subject name and code	Elective course II, PG_00188678		
Field of study	English Studies		
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 Subject group related to scientific research 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	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Division of Theoretical and Computational Linguistics -> Institute of English and American Studies -> Faculty of Languages -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Marcin Fortuna	
	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	2.0	18.0	50

Subject objectives	The course aims to explore content related to the main specialization of the study, i.e., natural language processing and/or linguistics (preferably from a computational/technical or formal perspective). The exact course topics and bibliography are determined by the instructor in conjunction with the students.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[FAMU2_W07] Knows and understands to an in-depth extent selected issues constituting advanced detailed knowledge in the field of linguistics, including, in particular, research into the English language.	[FAMU2_W07] Knows and understands in depth selected issues constituting advanced detailed knowledge in the field of linguistics, in particular those related to research on the English language, especially from the computational perspective.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[FAMU2_U03] Can properly select sources and evaluate, select, critically analyze and synthesize and creatively interpret information derived from them, in particular in the field of English linguistic and literary studies.	[FAMU2_U03] Is able to select sources appropriately and to evaluate, select, critically analyze, synthesize and creatively interpret information derived from them, in particular in the field of linguistic research and natural language processing.	[SU2] presentation/project/paper/ report
[FAMU2_U01] Can innovatively perform analytical and interpretative tasks, formulate and solve complex and unusual problems, and set and test simple research hypotheses in the field of English linguistics and research into English literature, using the acquired subject knowledge and linguistic and literary methodological and theoretical approaches.	[FAMU2_U01] Is able to perform analytical and interpretative tasks in an innovative manner, formulate and solve complex and unusual problems, and formulate and test simple research hypotheses in the field of English linguistics (esp. computational linguistics), using the acquired subject knowledge and methodological and theoretical approaches in linguistics.	[SU2] presentation/project/paper/ report
[FAMU2_U07] Can lead a debate on linguistics and literature within the framework of English Philology, present and evaluate various opinions and positions, and discuss them in English and Polish.	[FAMU2_U07] Can conduct a debate, especially on topics related to computational linguistics within English Philology, present and evaluate different opinions and positions and discuss them.	[SU1] oral statement/conversation/ discussion
[FAMU2_K02] Is prepared to recognise the importance of knowledge and skills in English Studies in solving cognitive and practical problems and to seek the advice of a supervisor in their chosen place of work in the event of difficulty in solving problems on their own.	[FAMU2_K02] Is ready to recognize the importance of knowledge and skills in the field of computational linguistics in solving cognitive and practical problems and to seek the opinion of a research supervisor or supervisor at the chosen workplace in case of difficulties in solving problems independently.	[SK8] observation of student's independent or team work
[FAMU2_K01] Is ready to critically evaluate the extent of their knowledge and skills, in particular in the field of English-language linguistics and literature and English.	[FAMU2_K01] Is ready to critically evaluate the scope of his/her knowledge and skills, in particular in the field of English-language linguistics and natural language processing.	[SK2] presentation/project/paper/ report
[FAMU2_U06] Can communicate in speech and writing in English and Polish with diverse audiences on specialized topics in the field of linguistics and literature, also using advanced specialized terminology.	[FAMU2_U06] Can communicate with diverse audiences on specialist topics in the field of linguistics (esp. computational linguistics), also using advanced specialist terminology.	[SU8] observation of student's independent or team work
[FAMU2_W03] Knows and understands in depth advanced research methodologies and theories in the field of English linguistics.	[FAMU2_W03] Knows and understands in depth advanced research methodologies and theories in the field of English linguistics and natural language processing.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report

Subject contents

The course content is aligned with the main specialization of the studies, i.e., natural language processing and linguistics, primarily from a formal/computational/technical perspective. The exact topics are selected together with students at the beginning of the course.

Prerequisites and co-requisites

ATTENDANCE AT ALL CLASSES IS MANDATORY, UNLESS THE STUDENT OBTAINS THE DEAN'S CONSENT TO STUDY ACCORDING TO AN INDIVIDUAL ORGANIZATION OF STUDIES.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
test	51.0%	50.0%
presentation	51.0%	25.0%
teamwork	51.0%	25.0%

Recommended reading	Basic literature	• Clark, A., C. Fox, and S. Lappin (eds), 2010, The Handbook of Computational Linguistics and Natural Language Processing, Chichester, UK: Wiley Blackwell. • Jurafsky, D. and J.H. Martin, 2009, Speech and Language Processing, 2nd edition. Upper Saddle River, NJ: Pearson Higher Education, Prentice-Hall; • Dale R, H. Somers, and H. Moisl (eds.), Handbook of Natural Language Processing, Boca Raton, FL: CRC Press.
	Supplementary literature	Computational Lingustics (journal): https://direct.mit.edu/coli Transactions of the Association for Computational Linguistics (journal): https://direct.mit.edu/tacl
	eResources addresses	
Example issues/ example questions/ tasks being completed	* What are the main topics in contemporary computational lingustics? * What are the main challenges for Natural Language Processing?	
Work placement	Not applicable	

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