

Subject card

Subject name and code	Methods of linguistic research, PG_00137846						
Field of study	English Studies						
Date of commencement of studies	October 2027		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	1		Language of instruction		English		
Semester of study	1		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Institute of English and American Studies -> Faculty of Languages -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Anna Bączkowska, prof. UG				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	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		43.0	75
Subject objectives	The aim of the course is to familiarize students with basic concepts and research methods used in linguistics and applied linguistics, both qualitative and quantitative (with elements of statistics).						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FAMU2_W09] Knows and understands to an in-depth extent advanced methods of analysis relevant to linguistics, including, in particular, those applicable to English language studies.	The student knows and understands the main tendencies in the development of linguistic methodologies, particularly as regards research into the English language	[SW4] test/exam - oral or written
	[FAMU2_W05] Knows and understands advanced terminology in the field of linguistics, in particular those used in English language studies.	The student knows and understand in-depth advanced terminology used in the field of linguistic methodologies.	[SW4] test/exam - oral or written
	[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.	The student is ready to critically assess their own knowledge in the field of computational data analysis and statistics, they understand the role of this knowledge in cognitive and practical problem solving occurring in social life	[SK1] 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.	The student is prepared to recognize the significance of knowledge and skills in the linguistic methodology for solving cognitive problems, as well as seeking advice from a supervisor or mentor in the chosen workplace when facing difficulties in independent problem-solving	[SK1] oral statement/conversation/discussion
	[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.	The student knows and understands in-depth selected topics constituting advanced detailed knowledge in the field linguistic methodologies.	[SW4] test/exam - oral or written
	[FAMU2_W03] Knows and understands in depth advanced research methodologies and theories in the field of English linguistics.	The student knows and understand in-depth advanced research methodologies and theories in the field of English Linguistics	[SW4] test/exam - oral or written
	[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.	The Student is able to communicate orally and in writing in English with diverse audiences on specialized topics related to linguistic research methodologies, using advanced terminology	[SU2] presentation/project/paper/report
	[FAMU2_W01] Knows and understands in depth selected issues constituting advanced general knowledge in the field of English linguistics	The student knows the in-depth subject-specific terminology and trends in future developments in the field of study, they have an extended and advanced knowledge of select topics regarding corpus linguistics as well as related fields, such as textual and numerical data analysis and statistics.	[SW4] test/exam - oral or written

Subject contents	Topics in research methodology:		
	1. Types of research: -longitudinal vs cross-sectional, -inductive vs deductive research, -qualitative vs quantitative research 2. Research quality -reliability -validity 3. Stages of doing research 4. Hypothesis testing, null vs. alternative hypothesis 5. Data collection and sampling methods -probability sampling methods -non-probability based sampling methods 6. Quantitative data analysis vs qualitative data analysis an overview of options (language corpora, basic statistical calculations ; diaries, interviews, case studies, etc.) 7. Experiments vs. quasi-experiments vs. semi-experiments 8. Types of interviews 9. Designing surveys and questionnaires 10. Language corpora 11. Research results presentation and visualization Topics in statistics 1. Descriptive vs inferential statistics 2. Central tendency 3. Standard deviation, variance, standard error 4. Degrees of freedom 5. Types of data 6. Normal distribution 7. Parametric vs non-parametric data 8. Types of variables 9. Alpha vs p-value 10. Type I error vs Type II error 11. Basic statistical tests (chi square, t test, ANOVA, MANOVA, correlations, regression) 12. Stages in test choosing procedure		
Prerequisites and co-requisites	Level of English at C1 according to CEFR		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	active participation in classes (including mid-semester tests)	60.0%	70.0%
	presentations and discussions	100.0%	30.0%
Recommended reading	Basic literature	Dörney, Z. 2007. Research Methods in Applied Linguistics, OUP.	
		Woods, A., Fletcher, P., Hughes, A., 1986. Statistics in Language Studies, CUP.	

	Supplementary literature	Dodatkowa: Bączkowska, A. 2019. Readability and lexical sophistication of colon cancer websites a corpus-assisted assessment of online educational materials for patients, Forum Filologiczne Ateneum 1(7), str. 925. https://doi.org/10.36575/2353-2912/1(7)2019.009 ; https://www.ateneum.edu.pl/assets/Uploads/003-baczkowska.pdf Brzeziński, J. 2004. Metodologia badań psychologicznych, PWN. Francuz, P., Mackiewicz, R. 2005. Liczby nie wiedzą, skąd pochodzą. Przewodnik po metodologii i statystyce, nie tylko dla psychologów, Lublin. Gomez, P. 2013. Statistical Methods in Language and Linguistic Research, Equinox. Litosseliti, L. 2010. Research Methods in Linguistics, Continuum. Lowie, W., Seton, B. 2013. Essential Statistics for Applied Linguistics, London. Łobocki, M. 1999. Wprowadzenie do metodologii badań pedagogicznych, Kraków. Paltridge, B., Phakiti, A. 2018. Research Methods in Applied Linguistics: A Practical Resource. Bloomsbury.
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Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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