University of Gdańsk

Subject card

Subject name and code	Articulatory phonetics and acoustic phonetics, PG_00188615		
Field of study	English Studies		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
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	2.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Tomasz Ciszewski, prof. UG	
	Teachers	dr hab. Tomasz Ciszewski, prof. UG	

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	In the field of articulatory phonetics, the student becomes acquainted with the human articulatory apparatus, functions of the speech organs, the allophonic system of the English language and the principles of allophonic transcription. In the field of acoustic phonetics, the student becomes acquainted with speech analysis software (PRAAT, Audacity), the basics of spectrographic speech analysis, formant analysis F1 and F2, intensity and frequency, principles of speech segmentation and identification of occlusion areas, formant transitions, periodic and aperiodic vibrations.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[FAMU2_W05] Knows and understands advanced terminology in the field of linguistics, in particular those used in English language studies.	He knows in depth, in Polish and English, advanced terminology in the field of articulatory phonetics and acoustic phonetics. (K_W03)	[SW4] test/exam - oral or written
[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.	Knows and understands the main developments and trends in articulatory and acoustic phonetics. (K_W07)	[SW4] test/exam - oral or written
[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.	Is able to conduct a debate on articulatory phonetics and acoustic phonetics	[SU2] presentation/project/paper/ report
[FAMU2_W03] Knows and understands in depth advanced research methodologies and theories in the field of English linguistics.	Knows and understands advanced research methodologies and theories in the field of articulatory phonetics and acoustic phonetics	[SW4] test/exam - oral or written
[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.	Can properly use the acquired subject knowledge in order to formulate and solve research problems and perform innovative tasks in the field of articulation and acoustic phonetics, selecting and using appropriate methods and tools, including advanced information and communication techniques (K_U01)	[SU4] 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.	Can communicate orally and in writing in Polish and English with diverse audiences on specialist topics in the field of articulation phonetics and acoustic phonetics, using advanced specialist terminology in the field of articulatory and acoustic phonetics. (K_U03)	[SU4] 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.	Is ready to critically assess their knowledge in He is ready for a critical assessment of the scope of his knowledge and skills in the field of articulation phonetics and acoustic phonetics of English. (K_K01)	[SK4] test/exam - oral or written

Subject contents

speech organs and their functions
description and classification of English vowels and consonants
allophonic variants
phonetic processes in combined speech
phonetic symbols (IPA)
wide transcription
narrow transcription elements

spectrogram analysis

Prerequisites and co-requisites

TTENDANCE AT ALL CLASSES IS MANDATORY UNLESS THE STUDENT HAS OBTAINED THE DEAN'S CONSENT TO STUDY ACCORDING TO AN INDIVIDUAL ORGANIZATION OF STUDIES.

HE CONDITION FOR TAKING THE EXAM/ASSESSING THE LECTURE IS TO PASS THE TUTORIALS

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
written test	51.0%	100.0%

Recommended reading	Basic literature	Ladefoged, P. 1967. Three areas of experimental phonetics, OUP. Laver, J. 1994. Principles of Phonetics. CUP. Gimson, A.C. 1989. An Introduction to the Pronunciation of English. Edward Arnold. Roach, P. 1991. English Phonetics and Phonology. Cambridge University Press.
	Supplementary literature	Jones, D. 1997. English Pronouncing Dictionary. Cambridge University Press. Boersma, P. and D. Weenink (2005) PRAAT: doing phonetics by computer (version 5.0.32). http://www.praat.org/
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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