

Subject card

Subject name and code	Anatomy and Physiology of Articulatory and Auditory Organs - lecture, PG_00150556						
Field of study	Logopedics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	uniform Master's studies		Subject group		Obligatory subject group in the field of study Subject group related to practical vocational preparation		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	practical		Assessment form		exam		
Conducting unit	Institute of Logopaedics -> Faculty of Languages -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Jan Spodnik				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		1.0		34.0	50
Subject objectives	The goal is to familiarize the student with the structure of the speech and hearing organs and their functional aspects. Students will learn about the structure of the skeletal elements associated with the organs in question and their connections. They will become familiar with the muscular apparatus related to sound production and the elements of the nervous system . Students should: have mastered the basic knowledge of descriptive anatomy and anatomical nomenclature relating to the organs discussed, the structure of these organs on anatomical preparations as well as in a living individual.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[LOGJ5_K06] Can independently and critically supplement knowledge and skills in medicine, social sciences and fields useful to speech therapists.	Understands the need for continuous expansion of knowledge in the field of speech therapy and related sciences; understands the need for continuous improvement of acquired skills and enrichment of the range of working methods used in practice; is able to appropriately determine the priorities for the implementation of a task set by themselves or others.	[SK4] test/exam - oral or written
	[LOGJ5_W12] He knows and understands in depth the biomedical background of human development and communication skills, as well as their disorders, the structure and function of the human body, relevant to speech therapy and the changes in speech and language with age.	Has a structured knowledge of the structure and function of the organ of speech and hearing is able to characterize the main anatomical structures of the central nervous system; identifies and describes the structures that make up the organ of hearing.	[SW4] test/exam - oral or written
	[LOGJ5_U13] Recognizing the need to deepen knowledge of the structure and functioning of the human body (nervous system, hearing and speech organs), he is able to plan and implement his own learning in the social and medical sciences relevant to speech therapy.	Can apply theoretical knowledge in practical aspects; can relate anatomical structure to speech therapy problems	[SU4] test/exam - oral or written
	[LOGJ5_W13] He knows and understands in depth the biomedical and psychological causes of speech and language disorders occurring in people of different ages.	Knows how to explain the specifics of speech centers; Knows the mechanics of breathing and airflow through the respiratory tract; Knows the effect of laryngeal muscles on the regulation of the glottis.	[SW4] test/exam - oral or written
	[LOGJ5_W15] Knows at an in-depth level the terminology of the social sciences (pedagogy, psychology and special education) and medical sciences relevant to the field of speech therapy. He understands its origin and knows the principles of application within related scientific disciplines.	Correctly defines anatomical terms of the structure and function of the speech and hearing organs	[SW4] test/exam - oral or written
	[LOGJ5_U06] He has in-depth skills in identifying biomedical and psychological conditions of language problems and dysphagia in the patient, can analyze and interpret information gathered from medical and psychological sources and, using medical terminology, explain complex speech therapy problems.	Is able to point out on a living person the building blocks of the vocal organ and the organ of hearing; Has the ability to relate the basic defects of the organ of speech and hearing with the anatomical structure	[SU4] test/exam - oral or written
Subject contents	Problems of lectures Upper respiratory tract and oral cavity. The larynx and lower respiratory tract. Pleura. The thoracic skeleton. Respiratory muscles. Mechanics of respiration. The central nervous system. Speech and hearing centers. Ear. Auditory pathway.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written test exam	51.0%	100.0%

Recommended reading	Basic literature	Hansen J.T.: Anatomia Nettera do kolorowania, wybrane rozdziały. Elsevier Wrocław 2010. Yokochi C., Rohen J.: Fotograficzny atlas anatomii człowieka. PZWL Warszawa 2004.
	Supplementary literature	Bochenek A., Reicher M.: Anatomia człowieka. T. I, II i V. pod red. W. Łasińskiego. PZWL, Warszawa, wyd. po 1987 wybrane rozdziały. Narkiewicz O., Moryś J.: Anatomia człowieka. PZWL Warszawa 2010 wybrane rozdziały. Sokołowska Pituchowa J.: Anatomia człowieka. PWZL, Warszawa, wyd. po 1988 wybrane rozdziały.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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