

Subject card

Subject name and code	Human functional anatomy, PG_00207393						
Field of study	Biology						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study 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		Polish		
Semester of study	2		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Irena Majkutewicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	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		4.0		41.0	75
Subject objectives	Getting to know the subject, the outline of the history and methods used in anatomy.Getting to know the structure of the human body and the anatomical basis of the functioning of individual systems.The use of Polish and Latin anatomical nomenclature.Understanding the phylogeny processes that influenced the anatomical structure of the human body.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLL3_W05] has advanced knowledge of experimental methods, laboratory and field techniques, and the principles of planning and conducting biological research		
	[BIOLL3_W01] knows and understands at an advanced level the structure and functioning of organisms at all levels of the organization of life - from the cell (prokaryotic and eukaryotic), through tissues, organs, to the organism - as well as the relationships between them and their adaptations to the environment		
	[BIOLL3_U07] is able to present and justify her/his adopted position, using appropriate scientific argumentation, adapted to various audiences, and take part in discussions or debates		
	[BIOLL3_U03] is able to search for, select and critically analyze information from various sources, including scientific literature and electronic databases, as well as read and understand scientific texts in Polish and English		
	[BIOLL3_U01] is able to use basic research techniques and tools appropriate for the biological sciences and perform physical, chemical and biological observations and measurements in the laboratory and in the field, individually and in a team, while organizing her/his work appropriately and in a maintained way		
	[BIOLL3_K04] is ready to apply the principles of bioethics, scientific integrity and honesty, including the proper handling of biological material and respect for intellectual property		
	[BIOLL3_K02] is ready to take care for her/his own safety and that of others, identifying threats and taking appropriate action, as well as use verified equipment and materials responsibly, ensuring their proper use		
Subject contents	An outline of the history and methodology of anatomy. Anatomy of the main functional systems of humans. Structural and functional organization of the musculoskeletal system, cardiovascular, nervous, respiratory, digestive, excretory, reproductive and endocrine systems. Phylogenetic processes that influenced the development of features of human anatomy.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	The final grade is the arithmetic average of the grades from all (written) tests. All organ systems must be passed (each system is subject to a separate test).	51.0%	100.0%

Recommended reading	Basic literature	Netter F.H. 2006. Atlas anatomii człowieka (Eds. Jędrzejewski K.S, Woźniak W.), Urban & Partner, Wrocław. Lewandowska D., Orzeł-Gryglewska J., Jurkowlaniec E. 2019. Fizjologia zwierząt i człowieka, Wydawnictwo Uniwersytetu Gdańskiego, Rozdziały 9.1, 11.1-11.3, 12; dodatek 1 i 3 Gołąb B., Traczyk W. 1997. Anatomia i fizjologia człowieka. Wyd. Ośrodek Doradztwa i Szkolenia, Jaktorów. Sobotta V. 1994. Atlas anatomii człowieka. Wyd. Urban i Partner, Wrocław.
	Supplementary literature	Narkiewicz O., Moryś J. 2010. Anatomia człowieka, vol I-IV, PZWL, Warszawa. Gołąb B. 1998. Anatomia czynnościowa obwodowego układu nerwowego. Wyd. Czelej, Lublin.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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