

Subject card

Subject name and code	Human functional anatomy, PG_00196813						
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		6.0		39.0	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_U12] The graduate is able to use Polish and foreign languages specific to biology in a way that is understandable and accessible to both specialists and non-specialists	The student uses Polish and Latin anatomical nomenclature	[SU4] test/exam - oral or written
	[BIOLL3_U02] The graduate is able to make observations individually and in teams, and carry out basic physical, biological and chemical measurements in the field or laboratory	The student conducts observations and recognizes anatomical specimens and drawings	[SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[BIOLL3_W14] The graduate has an advanced understanding of experimental methods and the most important techniques used in the biological sciences	The student lists and describes the most important techniques used in anatomy in the past and now to assess the functionality of individual systems	[SW4] test/exam - oral or written
	[BIOLL3_W03] The graduate knows and understands at an advanced level the structure and functional relationships at the cellular, tissue, organ and organismal levels	The student presents the structure of the human body according to organ systems and indicates the features of the structure of organs that adapt them to perform specific functions	[SW4] test/exam - oral or written
	[BIOLL3_K06] The graduate is prepared to take responsibility for the entrusted equipment/materials and for his/her own work and the work of others	The student is responsible for the entrusted preparations and anatomical models	[SK8] observation of student's independent or team work
	[BIOLL3_U06] The graduate can read with comprehension scientific biological texts in Polish and simple texts in English	The student reads and understands scientific texts containing Polish or Latin anatomical nomenclature	[SU4] test/exam - oral or written
[BIOLL3_K07] The graduate is prepared to apply the principles of bioethics consciously	The student consciously applies the principles of bioethics, especially when working with preparations derived from human corpses	[SK8] observation of student's independent or team work	
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	<p>Netter F.H. 2006. Atlas anatomii człowieka (Eds. Jędrzejewski K.S, Woźniak W.), Urban & Partner, Wrocław.</p> <p>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</p> <p>Gołąb B., Traczyk W. 1997. Anatomia i fizjologia człowieka. Wyd. Ośrodek Doradztwa i Szkolenia, Jaktorów.</p> <p>Sobotta V. 1994. Atlas anatomii człowieka. Wyd. Urban i Partner, Wrocław.</p>	
	Supplementary literature	<p>Narkiewicz O., Moryś J. 2010. Anatomia człowieka, vol I-IV, PZWL, Warszawa.</p> <p>Gołąb B. 1998. Anatomia czynnościowa obwodowego układu nerwowego. Wyd. Czelej, Lublin.</p>	
	eResources addresses		

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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