

Subject card

Subject name and code	Human functional anatomy, PG_00154390						
Field of study	Biology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	undergraduate 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				
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr 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						
	Additional information: lecture with multimedia presentation, observation and recognition of specimens, assembly of organ models, description of anatomical drawings with the use of Polish and Latin anatomical nomenclature, discussion aimed at consolidating the correct anatomical nomenclature and indicating reliable sources of anatomical knowledge						
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_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
	[BIOLL3_W03] The graduate knows 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_U12] The graduates will be 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 will be 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 knows the theoretical basis of experimental methods and the most important techniques of 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_K06] The graduate is prepared to take responsibility for the equipment/materials entrusted to them and for their own work and that 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 simple 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
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	Adresy na platformie eNauczanie:	

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

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