

Subject card

Subject name and code	Foundations of Physiology with Elements of Anatomy, PG_00155811						
Field of study	Management of Healthcare Institutions						
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 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			3.0		
Learning profile	practical	Assessment form			credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Jarosław Waśniewski				
	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		5.0		55.0	75
Subject objectives	To familiarize students with the basic concepts and definitions of human anatomy and physiology.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[ZISZL3_W07] The student knows and understands the impact of medical activity on the environment and society, as well as the accompanying legal and ethical implications.		He knows the basics of anatomy and physiology of human systems and organs, as well as the basics of structure and function of cells and tissues of the human body. Understands the need and is aware of the need to behave in an ethical, sustainable and socially responsible manner in one's professional life		[SW1] oral statement/conversation/discussion		
	[ZISZL3_U04] The student is able to use the acquired knowledge from a specific area of management and quality sciences in professional practice, including the management of medical entities.		Correctly identifies and resolves dilemmas related to the profession		[SU1] oral statement/conversation/discussion		
	[ZISZL3_K07] The student correctly identifies and resolves dilemmas related to the profession.		Able to apply the acquired knowledge from a specific area of science in professional practice, including the management of medical entities.		[SK1] oral statement/conversation/discussion		
	[ZISZL3_K05] The student understands the need and is aware of the necessity to behave in an ethical, sustainable and socially responsible manner in professional life.		Understands the Hippocratic principle "First, do no harm."		[SK1] oral statement/conversation/discussion		

Subject contents	Basic concepts and definitions of human anatomy and physiology. Basics of the structure and function of cells and tissues of the human body. Discussion of the basics of anatomy and physiology of systems and organs.		
Prerequisites and co-requisites	The student should have basic knowledge of human structure.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Discussion	50.0%	100.0%
Recommended reading	Basic literature	<p>1. physiology of physical effort edited by J. Gorski PWN 2006.</p> <p>2. Physiology Bullock, J. Boyle, J. Wang, M. Urban & Partner 2004.</p> <p>3. Anatomy and Physiology of Man Sylvanowicz, W., Michalik, A., Ramotowski, W. 1980 PWN 2006 Physiology Bullock, J. Boyle, J. Wang, M. Urban & Partner 2004</p> <p>4 Human Anatomy and Physiology Sylvanowicz, W., Michalik, A., Ramotowski, W. 1980 1991</p> <p>5. Human anatomy. Wozniak. Editorial. Bruska M., Ciszek B. Edra Urban & Partner, Wrocław 2019. ISBN 978-83-6631-012-4.</p>	
	Supplementary literature	<p>The fragile home of the soul. Jurgen Thorwald. Wydawnictwo Literackie, Krakow 1994 Triumph of the surgeons. Jurgen Thorwald, Znak Publishing House, Krakow 2009</p>	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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