



Subject card

Subject name and code	Selected aspects of orthopaedics, PG_00023325						
Field of study	Medical and Mechanical Engineering, Mechanical and Medical Engineering						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2022/2023		
Education level	first-cycle 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	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		Włodzimierz Żychliński				
	Teachers		Włodzimierz Żychliński				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	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		3.0		7.0	25
Subject objectives	Knowledge of the basics of orthopedics and traumatology in terms of human biomechanics.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_W12		Appropriately assesses the need for first aid, immobilization and assisted locomotion.		[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
	K6_U10		Correctly evaluates the biomechanics of a healthy and sick person		[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject		
	K6_K02		He ethically approaches the patient and his hardships of life in the personal and social aspect		[SK3] Assessment of ability to organize work [SK2] Assessment of progress of work		
Subject contents	Issues of basic orthopedic diseases, multi-organ trauma, history of orthopedics, principles of operation of the operating block and sterilization room						
Prerequisites and co-requisites	Knowledge of the anatomy of the musculoskeletal system and its biomechanics						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Activity		100.0%		10.0%		
	Test		51.0%		90.0%		

Recommended reading	Basic literature	<p>Chirurgia Narządu Ruchu Tylman</p> <p>Campbells Operative Orthopaedics</p> <p>Choroby układu ruchu Anderson</p> <p>Reumootropedia Sell</p>
	Supplementary literature	<p>Tom 2. Anatomii Człowieka Bochenek</p> <p>Atlas Anatomii Netter</p> <p>Anatomia i Fizjologia Człowieka Pituch</p>
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	<p>History of orthopedicsAnatomy of limbs, spine, Multiple organ traumaOsteoarthritisConstruction and use of an orthopedic operating tableOperating block, sterilization room</p>	
Work placement	Not applicable	