



Subject card

Subject name and code	Origin and evolution of man, PG_00059210						
Field of study	Mechanical Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group					
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			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Dariusz Fydrych					
	Teachers	dr hab. inż. Dariusz Fydrych					
Lesson types and methods of instruction	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	0.0		0.0		15
Subject objectives	To interest students in the origins and issues of human evolution, and to develop the skills of critical analysis of prehistoric sources						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_K03] understands the importance of the necessity of solving dilemmas connected with practicing a profession and providing safe working conditions in manufacturing processes and in operation of machines and devices						
	[K7_K02] correctly identifies professional problems and is able to define the priorities and hierarchy using knowledge in solving problems						
	[K7_W11] possesses organized knowledge useful in understanding ex-technical conditioning connected with performing the profession of an engineer and taking it into consideration in engineering practice; possesses well-established knowledge within the range of intellectual property, management and organization of manufacturing processes, including the management and life-cycle of a product						
		The student is able to solve problems using the methods of historical sciences			[SU2] Assessment of ability to analyse information		
[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	The student knows how to use humanistic and social knowledge			[SK3] Assessment of ability to organize work			

Subject contents	<p>Introduction. The concept, history and classification of auxiliary sciences of history History. prehistory. Prehistory, classification, characteristics. Chronology. Ways of measuring time. Calendar. Ways of saving dates. History of the Earth. Tectonics. Stratigraphy. Archeology. The theory of evolution. Research methods. Genetics. Human evolution. Settlement of Europe, Asia, Americas, Oceania, Australia. The origin of European peoples: Slavic, Germanic, Romance, Finno-Ugric peoples, Bulgarians, others. World languages. Genealogy. Basic concepts, sources and methods of searching for ancestors. Tables of Ascendants and Descendants.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	60.0%	100.0%
Recommended reading	Basic literature	<p>Reich D.: Kim jesteśmy, skąd przyszliśmy Wydawnictwo CiS, Stare Groszki, Warszawa 2019.</p> <p>Pääbo S.: Neandertalczyk. W poszukiwaniu zaginionych genomów. Prószyński i S-ka, Warszawa 2019.</p>	
	Supplementary literature	<p>Nowaczyk M. Poszukiwanie przodków. Genealogia dla każdego. Państwowy Instytut Wydawniczy, Warszawa 2005.</p>	
	eResources addresses	<p>Adresy na platformie eNauczanie: Pochodzenie i ewolucja człowieka, W, II stopień, sem.2, zima 2023/2024 - Moodle ID: 33546 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=33546</p>	
Example issues/ example questions/ tasks being completed	<p>Teoria ewolucji</p> <p>Zasiedlenie Europy</p> <p>Metody badawcze genealogii</p>		
Work placement	Not applicable		