



Subject card

Subject name and code	Origin and evolution of man, PG_00059210						
Field of study	Management and Production 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_K02] is aware of the importance and understanding of non-technical aspects and effects of engineering activities, including its impact on the environment, and the related responsibility for decisions made demonstrates knowledge of actions to reduce risk and anticipate the social impact of engineering and manufacturing activities		
	[K7_U01] can obtain information from literature, databases and others sources, also in English or another foreign language recognized as the language of international communication in a given engineering discipline; is able to integrate the obtained information, interpret it, as well as draw conclusions and formulate and justify opinions.		
	[K7_W05] has the knowledge necessary to understand social, economic, legal and other non-technical conditions of activity engineering, including copyright.		
	[K7_W01] knows and understands to a greater extent selected issues in the field of management and quality sciences and mechanical engineering, their location in the field of social sciences and engineering and technical sciences, as well as relationships with related disciplines, and sees the possibility of applying the knowledge in practice.		
		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	Introduction. The concept, history and classification of auxiliary sciences of historyHistory. 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.		
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	Reich D.: Kim jesteśmy, skąd przyszliśmy Wydawnictwo CiS, Stare Groszki, Warszawa 2019. Pääbo S.: Neandertalczyk. W poszukiwaniu zaginionych genomów. Prószyński i S-ka, Warszawa 2019.	
	Supplementary literature	Nowaczyk M. Poszukiwanie przodków. Genealogia dla każdego. Państwowy Instytut Wydawniczy, Warszawa 2005.	

	eResources addresses	Adresy na platformie eNauczenie: 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
Example issues/ example questions/ tasks being completed	Teoria ewolucji Zasiedlenie Europy Metody badawcze genealogii	
Work placement	Not applicable	