


**KAPITAŁ LUDZKI**  
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez  
 Unię Europejską w ramach  
 Europejskiego Funduszu  
 Społecznego

**UNIA EUROPEJSKA**  
 EUROPEJSKI  
 FUNDUSZ SPOŁECZNY


<b>Course title</b>		<b>ECTS code</b>	
Humanities II - Philosophy of nature		7.2.0567	
<b>Name of unit administrating study</b>			
null			
<b>Studies</b>			
<b>faculty</b>	<b>field of study</b>	<b>type</b>	pierwszego stopnia
Wydział Chemii	Ochrona środowiska	<b>form</b>	stacjonarne
		<b>specjalty</b>	Podstawowa
		<b>specialization</b>	Podstawowa
<b>Teaching staff</b>			
dr hab. Józef Tarnowski, profesor uczelni			
<b>Forms of classes, the realization and number of hours</b>		<b>ECTS credits</b>	
<b>Forms of classes</b>		2	
Lecture		classes - 15 h	
<b>The realization of activities</b>		tutorial classes – 15 h	
classroom instruction		student's own work – 20 h	
<b>Number of hours</b>		Total: 50 h - 2 ECTS	
Lecture: 30 hours			
<b>The academic cycle</b>			
2022/2023 summer semester			
<b>Type of course</b>		<b>Language of instruction</b>	
obligatory		polish	
<b>Teaching methods</b>		<b>Form and method of assessment and basic criteria for evaluation or examination requirements</b>	
Teaching methods		<b>Final evaluation</b>	
Wykład / lecture		Graded credit	
		<b>Assessment methods</b>	
		Assessment methods	
		written test	
		<b>The basic criteria for evaluation</b>	
		The basic criteria for evaluation or exam requirements	
		achievement of at least 51% result from the written test	
<b>Method of verifying required learning outcomes</b>			
<b>Required courses and introductory requirements</b>			
<b>A. Formal requirements</b>			
none			
<b>B. Prerequisites</b>			
Required courses and introductory requirements			
understanding of the human history periodization; the ability to analyze and inference on the basis of literature and statistical data; the ability to build logical statement and argue certain position; sensitivity to problems related to environmental risks; the ability to see and explain relationships between people, their health, hygiene and the environment.			
<b>Aims of education</b>			
Aims of education			
determination of the conditions changes that have taken place in the human genotype from the moment of human appearance to modern times; indication of the relationship between man and the environment and their meaning; defining the relationship between hygiene and human health; indication of threats resulting			

from degradation of the natural environment and identification as being a part of it.	
<b>Course contents</b>	
Course contents Presentation and characterization of human existence conditions in the environment, his place, role and mutual relations throughout history. Presentation of human development factors, civilization and industrial threats for him and the environment	
<b>Bibliography of literature</b>	
Bibliography of literature Literature required to pass the course zynniki rozwoju człowieka. Wstęp do ekologii człowieka, pod red. Napoleona Wolańskiego, wyd. 2, Warszawa 1981. S. Lilley, Ludzie, maszyny i historia: zarys historii rozwoju maszyn i narzędzi na tle przemian społecznych, Warszawa 1958. J.M. Diamond, Strzelby, zarazki, maszyny: losy ludzkich społeczeństw, Warszawa 2000. Wielkie epidemie w dziejach ludzkości, pod red. K.F. Kiple, Poznań 2000. K. Fijałkowski, Homo przypadkiem sapiens, Warszawa 2008. N. Wolański, Zmiany środowiskowe a rozwój biologiczny człowieka, Wrocław 1983. R.J. Dubos, Człowiek, środowisko, adaptacja, Warszawa 1970. E.P. Eckholm, Człowiek i środowisko: ekologiczne przesłanki dobrobytu i zdrowia, Warszawa 1980. J. McHale, Człowiek i środowisko, Warszawa 1975. A. Wieluński, Człowiek w przyrodzie: wybrane elementy rozwoju, Warszawa 1977	
B. Extracurricular readings	
<b>The learning outcomes (for the field of study and specialization)</b>	<b>Knowledge</b>
	<b>Skills</b>
	<b>Social competence</b>
	Knowledge describes causal relationships between environmental pollution and human health; identifies problems related to environmental pollution on a local, regional and global scale; describes the mechanisms and consequences of exerting pressure on the environment through economic and consumption trends throughout history; lists the achievements of the latest knowledge and science achievements that allow to limit the exercise of this pressure; draws conclusions about the relationship between human and the environment.
	Skills analyzes and compares statistical data; compares different periods in history in terms of the environmental threats and their impact on people; evaluates human activity in the environment throughout history and argues his judgments.
	Social competence demonstrates creativity in finding the solutions to environmental protection related problems and engages in solving them; is sensitive to issues related to the people coexistence in the environment, environmental protection; cares for the environment at the local and global level.
<b>Contact</b>	
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