



Subject card

Subject name and code	Philosophy of knowledge and ethics, PG_00064439						
Field of study	Biomedical Engineering, Biomedical Engineering, Biomedical Engineering						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	second-cycle studies		Subject group		Obligatory subject group in the field of study Optional subject group Humanistic-social subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Biomedical Engineering -> Faculty of Electronics, Telecommunications and Informatics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Mariusz Kaczmarek				
	Teachers		dr hab. inż. Mariusz Kaczmarek				
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	15.0	30
	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	30		3.0		20.0	53
Subject objectives	The aim of the course is to familiarize students with the basic concepts of philosophy and ethics in order to attempt to solve cognitive and moral problems.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems		Is able to apply knowledge of philosophy and ethics to attempt to solve cognitive and moral problems.		[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications		Has general knowledge of philosophy, ethics and praxeology.		[SW3] Assessment of knowledge contained in written work and projects		
	[K7_W08] knows and understands, to an increased extent, the fundamental dilemmas of modern civilisation, the main development trends of scientific disciplines relevant to the field of education		Knows and understands selected moral dilemmas of social life and development problems of selected disciplines of knowledge.		[SW3] Assessment of knowledge contained in written work and projects		
	[K7_W11] knows and understands, to an increased extent, the general principles of creation and development of forms of individual entrepreneurship and the economic, legal and other conditions of various types of activities related to the awarded qualification, including the principles of protection of industrial property and copyright law		Knows and understands in depth selected practical and social determinants of cognitive and other activities		[SW2] Assessment of knowledge contained in presentation		

Subject contents	<p>Lecture:</p> <p>Encouragement to philosophy Philosophy and science Morality and ethics Moral subjectivity Valuation in life and science Humanistic imagination Science as an unnecessary product Elements of the dispute about learning the truth Knowledge imperfect product for sale Medicine from a humanistic perspective Artificial intelligence is a real problem Interactions and communication in social relationships. Images in social experience Poles, opposites and inverses Through knowledge towards wisdom of action</p> <p>Seminar:</p> <p>Expectations towards the subject Too much knowledge, too little wisdom? About enemy and friend / Kołakowski Internal weather / Kotarbiński Table of values / difficulty of selection Memory and creativity Social contexts of knowledge and science Non/classic correspondences Trading in ignorance/knowledge? Loneliness of the patient and the doctor Trans/post/humanism Homo homini lupus est? Visual philosophy of knowledge and ethics? Non/moral ambivalence Let less be more!</p>		
Prerequisites and co-requisites	Elementary interests in the humanities, readiness for critical thinking and open discussion.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Preparation and presentation of a paper	51.0%	20.0%
	Active participation in classes and written assessment	51.0%	60.0%
	Oral examination	51.0%	20.0%
Recommended reading	Basic literature	Anzenbacher A., Wprowadzenie do filozofii, przeł. J. Zychowicz, Kraków 2008 Heller M., Życiński J., Pasja wiedzy. Między nauką a filozofią, Kraków 2011 Popper K.R., Wiedza obiektywna. Ewolucyjna teoria epistemologiczna, przeł. A. Chmielewski, Warszawa 1992 Wiedza a podmiotowość, red. A. Motycka, Warszawa 1998	
	Supplementary literature	Bobryk J., Twardowski. Teoria działania, Warszawa 2001 Sady W., Fleck. O społecznej naturze poznania, Warszawa 2000 Wójcicki R., Ajdukiewicz. Teoria znaczenia, Warszawa 1999	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	<p>Man as the creator and user of science. Does a moral attitude imply symmetry? Good as an object of moral competition? Philosophy as universal criticism. How to understand ethical minimalism? Code of ethics - does it help or hinder moral action? Critical rationalism and dogmatism of knowledge. Who is/can/should be a teacher of wisdom? Who is your neighbor? - theory and practice. Non-identity of knowledge and its object. Alien as a not-quite-human being? Subjective experience of knowledge. The multiplicity and multiplicity of science and knowledge. Sensitivity to other people's suffering - an advantage or a disadvantage? / whose? The enemy as the recipient of frustration? Kindness as a helpful feature in life?</p>		
Work placement	Not applicable		

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