



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: 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: 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	<table border="1" data-bbox="451 913 1487 1093"> <thead> <tr> <th data-bbox="451 913 794 943">Subject passing criteria</th> <th data-bbox="794 913 1145 943">Passing threshold</th> <th data-bbox="1145 913 1487 943">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 943 794 999">Preparation and presentation of a paper</td> <td data-bbox="794 943 1145 999">51.0%</td> <td data-bbox="1145 943 1487 999">20.0%</td> </tr> <tr> <td data-bbox="451 999 794 1055">Active participation in classes and written assessment</td> <td data-bbox="794 999 1145 1055">51.0%</td> <td data-bbox="1145 999 1487 1055">60.0%</td> </tr> <tr> <td data-bbox="451 1055 794 1093">Oral examination</td> <td data-bbox="794 1055 1145 1093">51.0%</td> <td data-bbox="1145 1055 1487 1093">20.0%</td> </tr> </tbody> </table>			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%
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Recommended reading	<p>Basic literature</p> <p>Supplementary literature</p> <p>eResources addresses</p>	<p>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</p> <p>Bobryk J., Twardowski. Teoria działania, Warszawa 2001 Sady W., Fleck. O społecznej naturze poznania, Warszawa 2000 Wójcicki R., Ajdukiewicz. Teoria znaczenia, Warszawa 1999</p> <p>Adresy na platformie eNauczenie:</p>													
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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