

Subject card

Subject name and code	Bachelor seminar B, PG_00179802						
Field of study	Philosophy						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
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	academic		Assessment form		credit		
Conducting unit	Division of Logic, Philosophy of Science and Epistemology -> Institute of Philosophy -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Bartosz Wcisło				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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		0.0		0.0	30
Subject objectives	Preparation of a bachelor's thesis, preparation for conducting scientific work						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FILOZL3_U01] The graduate searches for, analyses, evaluates, selects, and uses information from written or electronic sources.	n.d.	[SU2] presentation/project/paper/report [SU3] text preparation/written work
	[FILOZL3_U02] The graduate uses research tools typical to philosophical disciplines.	n.d.	[SU2] presentation/project/paper/report [SU3] text preparation/written work
	[FILOZL3_W06] The graduate knows the ideas and arguments of selected classical philosophical authors on the basis of independent reading of their writings.	n.d.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[FILOZL3_K02] The graduate is open to new ideas and is ready to change his/her opinion in the light of available data and arguments	n.d.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK3] text preparation/written work
	[FILOZL3_U05] The graduate correctly applies the learned philosophical terminology.	n.d.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work
	[FILOZL3_U03] The graduate independently acquires knowledge and develops research skills, following the instructions of the research supervisor.	n.d.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work
	[FILOZL3_U14] He/she writes simple dissertations with independent selection of literature.	n.d.	[SU3] text preparation/written work
	[FILOZL3_U08] The graduate detects relationships between the theses of researched written and oral philosophical statements.	n.d.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work
	[FILOZL3_W03] He/she is familiar with advanced philosophical terminology in a foreign language of choice.	n.d.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[FILOZL3_W02] He/she is familiar with advanced philosophical terminology in Polish	n.d.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[FILOZL3_W10] The graduate knows methods of interpreting philosophical texts.	n.d.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[FILOZL3_U18] The graduate conducts basic research under the supervision of a supervisor or a research team leader.	n.d.	[SU2] presentation/project/paper/report [SU3] text preparation/written work
	[FILOZL3_W15] The graduate knows the principles of publishing philosophical texts and has basic information about the recipients of philosophical literature.	n.d.	[SW3] text preparation/written work
	[FILOZL3_U04] The graduate knows the methods of interpreting a philosophical text, can read and interpret a philosophical text.	n.d.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work
Subject contents	Applications of logic and other formal methods, broadly construed, to the analysis of classic philosophical problems. In the academic year 2025/26, we want to focus on the problem of reference to structures, in particular on indeterminacy of reference to numbers in first order logic and on the attempts to solve this problems via the notion of internal categoricity. During the semester, additional topics may be included, as per the participants interests.		
Prerequisites and co-requisites	Background in introductory logic.		

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Talk	0.0%	30.0%
	Essay	0.0%	70.0%
	Extra points for active participation	0.0%	0.0%
Recommended reading	Basic literature	1. T. Button, S. Walsh, "Structure and Categoricity: Determinacy of Reference and Truth Value in the Philosophy of Mathematics", <i>Philosophia Mathematica</i> 24(3), pp. 283307, 2016 2. D. Marker, "Model Theory: an introduction", Springer 2002, chapters 1,2,4. 3. H. Putnam "Models and reality", <i>Journal of Symbolic Logic</i> 45(3), pp. 464 -- 482, 1980. 4. S. Shapiro, <i>Foundations without Foundationalism: A Case for Second-Order Logic</i> , Oxford University Press 2000. 5. J. Väänänen, T. Wang "Internal categoricity in arithmetic and set theory", <i>Notre Dame Journal of Formal Logic</i> 56(1), pp. 121134, 2015	
	Supplementary literature	1. T. Button, S. Walsh, <i>Philosophy and model theory</i> , Oxford University Press 2018. 2. Maddy P, Väänänen J. <i>Philosophical Uses of Categoricity Arguments</i> . Cambridge University Press; 2023. 3. Väänänen J. "Second-Order Logic and Foundations of Mathematics" <i>Bulletin of Symbolic Logic</i> 7(4), pp. 504--520, 2014	
	eResources addresses		
	Example issues/ example questions/ tasks being completed		
Work placement	Not applicable		

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