University of Gdańsk

Subject card

Subject name and code	Logic and argumentation in administrative practice - auditorium classes, PG_00197102		
Field of study	Administration		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study 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	1	Language of instruction	Polish
Semester of study	1	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Administrative Law -> Faculty of Law and Administration -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	mgr Przemysław Rybiński	
	Teachers	dr Wojciech Jankowski	

Lesson types							
	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	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	2.0	43.0	75

Subject objectives	
	Providing participants with basic information in the fields of logical semiotics, general methodology of science, legal argumentation, and formal logic, with particular emphasis on elements useful in the intellectual work of lawyers and administrative professionals.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[ADMINL3_K03] is prepared to perform duties in public administration in a responsible manner, with due regard for professional ethics, including in positions requiring the professional title of Bachelor's degree holder. Furthermore, he/ she is ready to undertake employment in other entities in roles related to administrative activities and the application of law within specified areas of social and economic life.	-	[SK4] test/exam - oral or written [SK5] implementation of a problem task [SK8] observation of student's independent or team work
[ADMINL3_U02] is able to communicate on matters typical for professional work related to their field of study and to prepare oral presentations, written papers, and a legal document concerning basic issues related to the organization and functioning of public administration, administrative activity, and the application of law in selected areas of social and economic life; including the ability to draft a typical administrative act and an application in an administrative case.	-	[SU4] test/exam - oral or written [SU5] implementation of a problem task
[ADMINL3_W01] possesses an advanced level of knowledge and understanding of the theories, methods, concepts, and terminology specific to legal sciences as well as the study of administration and politics.	-	[SW4] test/exam - oral or written [SW5] implementation of a problem task
[ADMINL3_U05] is able to assess the level of their knowledge and skills, and can independently plan and carry out the need for lifelong learning	-	[SU5] implementation of a problem task [SU8] observation of student's independent or team work
[ADMINL3_W03] possesses advanced knowledge of, and understands, the procedures applied within public administration, as well as the various methods and instruments — both legal and non-legal — employed in administrative activity.	-	[SW4] test/exam - oral or written [SW5] implementation of a problem task

Subject contents

1. Language as a system of signs. Language and its role in the work of lawyers and administrative professionals. Elements of semantic analysis.2. Names. Types of names. Relations between the scope of names.3. Definitions. The essence, functions, and structure of definitions. Errors in defining. Definitions in legal texts.4. Logical division. The essence and conditions for the correctness of logical division. Classification. Typology. Partition.5. Propositional logic. Extensional operators. Tautologies and methods for verifying tautologies. Building logical functions.6. Syllogistics. The logical square. Checking the validity of a syllogism.7. Elements of modal logic. The deontic hexagon. Reasoning involving deontic modalities.8. Elements of erotetic logic. The structure of a question. The correctness of a question.9. Argumentation.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
text exam with logical tasks	51.0%	100.0%

Recommended reading

Basic literature	Nawrot O., Wprowadzenie do logiki dla prawników, Warszawa 2020

	Supplementary literature	Bocheński J.M., Logika, tłum. K. Policki i M. Błaszczyk, Kraków 2016 Gregorowicz J., Zarys logiki dla prawników, Łódź 1995 Kotarbiński T., Kurs logiki dla prawników, Warszawa 1961 Lewandowski S., Malinowski A., Petzel J. (red.), Logika dla prawników: słownik encyklopedyczny, Warszawa 2021 Pinker S., Rationality: what it is, why it seems scarce, why it matters, London 2021 Stanosz B., Ćwiczenia z logiki, Warszawa 2012 Szymanek K., Wieczorek K.A., Wójcik A.S. (red.), Sztuka argumentacji: ćwiczenia w badaniu argumentów, Warszawa 2008 Ziembiński Z., Świrydowicz K., Logika praktyczna, Warszawa 2014 Żarnecka-Biały E., Mała logika: podstawy logicznej analizy tekstów, wnioskowania i argumentacji, Kraków 1999
	eResources addresses	
Example issues/ example questions/ tasks being completed	1. Elements of semantic analysis. 2. Analysis of the scope of names (practical exercise). 3. Identifying types of definitions. 4. Identifying divisions, classifications, and typologies. 5. The truth table method, abbreviated truth table method. 6. The Venn diagram method. 7. Exercise in reasoning with modalities. 8. Exercise in formulating a list of questions for a witness in a sample proceeding. 9. Exercise in the correctness of argumentation.	
Work placement	Not applicable	

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