University of Gdańsk

Subject card

Subject name and code	Regulation of infrastructure sectors - lecture, PG_00197774						
Field of study	Administration						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
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	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		2.0		
Learning profile	academic		Assessment form		exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Justyna Przedańska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	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		18.0	50
Subject objectives	The course aims to familiarize students with the fundamental mechanisms of regulating infrastructure sectors, with particular emphasis on the role of regulatory authorities, legal frameworks, and the operation of network infrastructure in sectors such as energy, transport, telecommunications, and water management. The course seeks to develop students' skills in identifying regulatory instruments and assessing their impact on public interest, competition, and sustainable development.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[ADMINL3_W05] is familiar with and understands the current dilemmas concerning the functioning of public administration and activities undertaken within the sphere of the state and administration in relation to substantive, procedural, and constitutional law institutions. Moreover, he/she identifies the fundamental phenomena occurring within the market economy and economics, including knowledge and understanding of the basic principles governing the establishment and development of various forms of entrepreneurship.	-	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
[ADMINL3_U01] drawing upon his/her own knowledge as well as other sources of information — including the ability to use modern technologies and professional methods of acquiring and analysing information — is capable of identifying, analysing, and resolving problems, as well as interpreting phenomena relating to the organization and functioning of public administration, administrative activity, and selected areas of social and economic life.	-	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[ADMINL3_K01] being aware of the role of knowledge in solving problems related to the organization and functioning of administration, as well as the application of law in selected domains of social and economic life, they are prepared to critically assess their own knowledge and the content they receive, and also recognize the need to rely on expert knowledge—including doctrinal views and case law—when encountering difficulties in independently resolving a problem.	-	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task [SK8] observation of student's independent or team work
[ADMINL3_W02] possesses advanced knowledge of, and is able to characterise, the system of public authority (including at the national and European Union levels), the structure of public administration, the procedures for the appointment of public bodies, as well as the legal framework governing the organisation and functioning of public administration and the work of civil servants.	-	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion

Subject contents

1. Definition of infrastructure sectors definitions, characteristics, significance for economy and society.
2. Models of sector regulation ex ante and ex post regulation, self-regulation, deregulation.
3. Regulatory authorities structure, competences, and independence in Poland and the EU (Energy Regulatory Office, Office of Electronic Communications, Railway Transport Office, National Water Authority, European Commission).
4. Regulatory instruments tariffs, concessions, licences, access obligations, service standards.
5. Regulation in the energy sector energy market, network access, renewable energy sources.
6. Regulation in the transport sector railway, aviation, road infrastructure; safety and interoperability.
7. Regulation in telecommunications and postal services operator obligations, network access, consumer and competition protection.
8. Regulation in water and wastewater management regulatory competences, tariffs, infrastructure investments.
9. Principles of good governance in regulation transparency, participation, proportionality.
10. Regulatory challenges energy transition, digitalisation, Green Deal, environmental protection.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
test	51.0%	100.0%

Recommended reading	Basic literature	M. Król-Bogomilska (red.), *Regulacja sektorowa. Instytucje i instrumenty,* Wolters Kluwer, Warszawa 2024 M.M. Zalcewicz, *Regulacja działalności gospodarczej wybrane problemy prawne*, C.H. Beck, Warszawa 2022. K. Kokocińska, *Regulacja sektora elektroenergetycznego aspekty prawne*, Wyd. UAM, Poznań 2020. Basic legal acts and case law on this subject.
	Supplementary literature	B. Popowska, A. Piszcz (red.), *Współczesne wyzwania w regulacji rynków infrastrukturalnych*, Wydawnictwo Naukowe UAM, Poznań 2021. A. Walaszek-Pyzioł, *Regulacja działalności gospodarczej w sektorach infrastrukturalnych* wybrane artykuły.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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