University of Gdańsk

Subject card

Subject name and code	Energy security - lecture, PG_00197135						
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	3		ECTS credits	2.0			
Learning profile	academic		Assessment form	credit			
Conducting unit	Department of Public Economic Law and Environmental Protection Law -> Faculty of Law and Administration -> Rector						
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	Introducing students to the concept of energy security in its legal, administrative, and geopolitical dimensions. Highlighting the role of public administration in shaping and implementing the state's energy policy. Analysing threats and challenges related to the security of energy supply, energy transition, and the development of renewable energy sources. Developing skills in interpreting strategic documents and legal acts concerning energy security.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ADMINL3_W04] possesses advanced knowledge of, and understands, the legal and administrative determinants of selected areas of social and economic life, including the rights and obligations of individuals vis-à-vis other individuals and public authorities. Furthermore, he/she is familiar with the competences of administrative bodies within these areas.	-	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
	[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 [SW2] presentation/project/paper/ report
	[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 [SU5] implementation of a problem task [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
	[ADMINL3_K02] is aware of the necessity to undertake actions aimed at protecting the public interest, the social interest, and the individual interests of a person, as well as of the need to balance these interests, with due respect for the law, in the event of conflicts between them. Moreover, he/she demonstrates an entrepreneurial approach and is prepared to initiate legal proceedings in which such interests are safeguarded.	-	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task [SK6] demonstration of practical skills [SK8] observation of student's independent or team work

Subject contents	1. **Introduction to the Concept of Energy Security (2h)** definitions and theoretical approaches multidimensional nature (political, economic, environmental, technological) energy security as a common good and element of the public interest 2. **Energy Security in Public Policy and Administration (2h)** the role of central and local administration mechanisms of shaping and implementing energy policy the public interest vs. local resistance (NIMBY, social protests) 3. **Legal Foundations of Energy Security (3h)** the Energy Law Act and sector-specific legislation (gas, electricity, strategic reserves) EU regulations (energy packages, Green Deal) case law and soft law instruments 4. **Institutions Responsible for Energy Security (2h)** national: Energy Regulatory Office (URE), relevant ministries, Government Security Centre (RCB), infrastructure companies European: ACER, ENTSO-E, European Commission international and cross-border cooperation 5. **Crisis Management in the Energy Sector (3h)** blackouts, supply interruptions, cyber threats emergency plans, risk management, system resilience protection of critical infrastructure 6. **Energy Transition and Security (4h)** development of RES: system and regulatory challenges energy storage, system flexibility administrative and social costs of the transition 7. **Geopolitics of Energy and Source Diversification (3h)** resource security (oil, gas, coal, uranium) cross-border infrastructure (LNG terminals, interconnectors) energy conflicts, dependencies, strategic autonomy 8. **Energy Poverty and Just Transition (2h)** support mechanisms for vulnerable consumers the role of administration in reducing inequalities ethical and social dimensions of the transition 9. **Monitoring and Control of Energy Security (2h)** key security indicators energy audits and risk assessments supervisory authorities and watchdog organisations 10. **The Future of Energy Security: Scenarios and Risks (2h)** emerging technologies: hydrogen, SMRs, smart grids climate change and system stability future competencies in public administration
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	*Bezpieczeństwo energetyczne Polski*, red. Agata Dziewulska, Ewa Krogulec, WUW, Warszawa 2024 Jarosław Gryz, Andrzej Podraza, Mariusz Ruszel, *Bezpieczeństwo energetyczne. Koncepcje, wyzwania, interesy*, PWN, Warszawa 2022
Supplementary literature	*Bezpieczeństwo energetyczne Polski i Europy. Uwarunkowania wyzwania innowacje***,** red. MariuszRuszel, SebastianPodmiotko, IPE, Warszawa 2019 Ilona Przybojewska, *Znaczenie transeuropejskich sieci energetycznych dla zapewnienia bezpieczeństwa energetycznego*, C.H. Beck, Warszawa 2017 Maciej Nyka, *State Responsibility for Climate Change Damages*, "Review of European & Comparative Law" 2021, nr 45, s.131152 Jaden Kim, Augustus J. Panton, Gregor Schwerhoff, *Energy Security and The Green*, IMF Working Papers 2024, WP/24/6, https://www.imf.org/en/Publications/WP/Issues/2024/01/12/Energy-Security-and-The-Green-Transition-543806
eResources addresses	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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