

Subject card

Subject name and code	Energy security - lecture, PG_00133369						
Field of study							
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		
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			1.0		
Learning profile	practical	Assessment form			exam		
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		dr Justyna Przedańska				
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		0.0		0.0	30
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_UO08	Is prepared to actively participate in the work of groups, organisations, and institutions involved in administrative tasks, including those related to energy security. Is able to communicate effectively with both specialists in administration and individuals outside the field, fostering understanding and collaboration around shared public goals.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
	ADMINL3_KO06	Has an advanced awareness of the necessity to undertake administrative and legal actions that safeguard the public interest while respecting the legitimate individual interests of citizens. Understands that energy security, as a common good, must be pursued in a responsible, transparent, and balanced manner — upholding constitutional principles, democratic values, and the protection of both collective and individual rights.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK6] demonstration of practical skills [SK8] observation of student's independent or team work
	ADMINL3_WK10	Knows and understands the complex dilemmas arising from contemporary civilisational development within the fields of legal studies, political science, and public administration. These include tensions between the public interest and individual freedoms, conflicts between economic growth and environmental protection, the ethical implications of technological progress, and the institutional challenges of energy transition in national and international legal frameworks. Demonstrates the ability to critically reflect on the role of law and administration in shaping a just and sustainable future.	[SW1] oral statement/conversation/discussion [SW3] text preparation/written work
	ADMINL3_KK01	Is aware of the need to consult expert knowledge and opinions in situations that exceed their individual competence; understands the importance of interdisciplinary cooperation in solving complex administrative and energy-related problems.	[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task [SK6] demonstration of practical skills [SK8] observation of student's independent or team work
	ADMINL3_UW02	Is able to apply basic theoretical knowledge from the field of public administration and related disciplines – such as law, economics, political science, or management – to analyse and interpret problems related to broadly understood energy security and the functioning of administration in this area.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	ADMINL3_KK03	Is ready to take on professional challenges related to energy security; demonstrates perseverance and commitment in carrying out both individual and team tasks within the field of public administration.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK5] implementation of a problem task [SK6] demonstration of practical skills [SK8] observation of student's independent or team work
	ADMINL3_UW03	Is able to independently acquire knowledge and develop professional skills in the field of energy security, using a variety of information sources (in both the native and foreign language) and employing modern information and communication technologies.	[SU1] oral statement/conversation/discussion [SU5] implementation of a problem task [SU6] demonstration of practical skills [SU8] observation of student's independent or team work

Course outcome	Subject outcome	Method of verification
ADMINL3_KO05	Is ready to independently or collaboratively design social, civic, legal, and economic projects related to the functioning of public administration, including projects concerning energy policy, energy transition, and the security of critical infrastructure.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK6] demonstration of practical skills [SK8] observation of student's independent or team work
ADMINL3_UO09	Is able to plan and organise their professional work and effectively cooperate with a team in carrying out administrative tasks, including the management of projects related to energy security.	[SU1] oral statement/conversation/discussion [SU8] observation of student's independent or team work
ADMINL3_KO07	Is aware of the need to think and act in an entrepreneurial manner, including within the structures of public administration. Understands the importance of initiative, adaptability, and efficient resource management in designing and implementing solutions related to energy security and in responding to dynamic social, legal, and environmental challenges.	[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task [SK8] observation of student's independent or team work
ADMINL3_UK06	Is able to prepare standard administrative documents, reports, policy briefs, and public statements related to professional tasks, in both Polish and a foreign language. Can adjust the style, terminology, and structure of communication to suit the professional context, including areas such as energy policy, interinstitutional communication, and relations with citizens and stakeholders.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU4] test/exam - oral or written [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
ADMINL3_UK04	Is able to identify, analyse and clearly communicate moral and legal dilemmas arising in professional practice within public administration, particularly in the context of energy security, the public interest, and institutional responsibility.	[SU1] oral statement/conversation/discussion [SU8] observation of student's independent or team work
ADMINL3_KR04	Is able to identify and articulate moral problems and ethical dilemmas related to their own and others' professional activity in public administration, including the area of energy policy; seeks optimal and responsible solutions that respect social values, the public interest, and the principles of sustainable development.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK5] implementation of a problem task [SK6] demonstration of practical skills [SK8] observation of student's independent or team work
ADMINL3_UW01	Is able to observe and interpret social phenomena related to the energy sector (e.g. public protests, location conflicts, energy poverty), and to analyse their interrelations with various areas of administrative activity, such as public policy, spatial planning, crisis management, or environmental protection.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
ADMINL3_KK02	Prepares for professional tasks in a responsible manner, appreciating the value of expert and analytical knowledge in solving problems related to energy security within public administration.	[SK1] oral statement/conversation/discussion [SK6] demonstration of practical skills [SK8] observation of student's independent or team work

	Course outcome	Subject outcome	Method of verification
	ADMINL3_UU10	Is aware of the level of their knowledge and skills in the field of energy security and public administration; understands the need for continuous self-development and lifelong learning in response to the evolving legal, technological, and social environment.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
Subject contents	<ol style="list-style-type: none"> 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	<i>Bezpieczeństwo energetyczne Polski</i> , red. Agata Dzięwulska, Ewa Krogulec, WUW, Warszawa 2024 Jarosław Gryz, Andrzej Podraza, Mariusz Ruszel, <i>Bezpieczeństwo energetyczne. Koncepcje, wyzwania, interesy</i> , PWN, Warszawa 2022	

	Supplementary literature	<p><i>Bezpieczeństwo energetyczne Polski i Europy. Uwarunkowania wyzwania innowacje</i>, red. Mariusz Ruszel, Sebastian Podmiotko, IPE, Warszawa 2019</p> <p>Ilona Przybojewska, <i>Znaczenie transeuropejskich sieci energetycznych dla zapewnienia bezpieczeństwa energetycznego</i>, C.H. Beck, Warszawa 2017</p> <p>Maciej Nyka, <i>State Responsibility for Climate Change Damages</i>, "Review of European & Comparative Law" 2021, nr 45, s.131152</p> <p>Jaden Kim, Augustus J. Panton, Gregor Schwerhoff, <i>Energy Security and The Green</i>, 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</p>
	eResources addresses	<p>Supplementary</p> <p>https://www.institutpe.pl/inne/bezpieczenstwo-energetyczne-polski-i-europy-uwarunkowania-wyzwania-innowacje-nowa-publicacja-naukowa-wydana-przez-institut/ - Bezpieczeństwo energetyczne Polski i Europy. Uwarunkowania – wyzwania – innowacje, red. Mariusz Ruszel, Sebastian Podmiotko, IPE, Warszawa 2019</p>
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.