



Subject card

Subject name and code	GEODETIC AND CIVIL ENGINEERING LAW, PG_00044839						
Field of study	Geodesy and Cartography						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2024/2025		
Education level	first-cycle studies		Subject group		Humanistic-social 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	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department of Geodesy -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Emilia Miszewska				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	45.0	0.0	0.0	0.0	0.0	45
	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	45		6.0		24.0	75
Subject objectives	<p>The aim of the Geodetic and Construction Law course is to familiarize students with key legal regulations related to geodesy, cartography, and the construction process in Poland. Students acquire knowledge of fundamental legal acts governing these fields and learn their practical application in the professions of a surveyor and a civil engineer.</p> <p>The course covers an in-depth analysis of the Geodetic and Cartographic Law Act and the Construction Law Act, along with their implementing regulations. This enables participants to develop the necessary skills for properly conducting geodetic works, managing spatial data, and carrying out construction investments in compliance with applicable legal provisions.</p> <p>Additionally, the course provides an understanding of the administrative structure, control and supervision mechanisms over geodetic activities, and the consequences of violating legal regulations in the geodetic and construction sectors.</p> <p>The acquired knowledge will allow students to effectively apply legal provisions in professional practice, minimize the risk of formal and legal errors, and perform their duties professionally in the fields of geodesy and construction.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems in a social environment	The student is able to apply knowledge from the humanities or social sciences or economics or law to solve problems in the social environment.	[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
	[K6_U10] can apply the current legal status in the field of standards, regulations and laws in the field of geodesy and selected regulations from related industries	The student is able to apply the current legal status in the field of standards, regulations and acts in the field of geodesy and selected regulations from related industries, especially the construction industry.	[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
	[K6_W12] knows and understands legal norms in the field of protection of intellectual property and patent law management law, including conducting business in geodesy and cartography	The student knows and understands legal standards in the field of intellectual property protection and patent law and management, including conducting business activities in geodesy and cartography and the construction process	[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation
	[K6_W08] has basic legal and geodetic knowledge and understands the concepts necessary to carry out tasks related to land and building registry, spatial planning and real estate management referring to the production of maps and elaborations for legal purposes including delimitation and subdivision as well as preparation and circulation of geodetic documents in the process of carrying out investments	The student has basic legal and geodetic knowledge and understands the concepts necessary to carry out tasks related to land and building records, spatial planning and real estate management relating to the preparation of maps and studies for legal purposes, including the delimitation and division of real estate and the preparation and circulation of geodetic documents in the process of investment implementation	[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation

Subject contents	1. ACT of May 17, 1989 Geodetic and Cartographic Law (Journal of Laws 2024, item 1824)
	1.1. General Provisions
	1.2. Geodetic and Cartographic Service
	1.3. Geodetic and Cartographic Works
	1.4. Land and Building Cadastre
	1.5. Geodetic Register of Utility Networks
	1.6. Property Boundary Demarcation
	1.7. National Geodetic and Cartographic Resource
	1.8. Professional Qualifications and Disciplinary Responsibility
	1.9. Register of Localities, Streets, and Addresses
	1.10. Penal Provisions and Financial Penalties
	1.11. Transitional and Final Provisions
	2. ACT of July 7, 1994 Construction Law (Journal of Laws 1994 No. 89, item 414)
	2.1. General Provisions
	2.2. Independent Technical Functions in Construction
	2.3. Rights and Obligations of Participants in the Construction Process
	2.4. Procedures Prior to Commencement of Construction Works
	2.5. Commencement and Execution of Construction Works
	2.6. Construction Logbook
	2.7. Proceedings Regarding Unauthorized Construction Works
	2.8. Completion of Construction2.9. Building Logbook
	2.10. Maintenance of Construction Structures
	2.11. Construction Disasters
	2.12. Architectural and Building Administration Authorities and Construction Supervision Bodies
	2.13. Penal Provisions

	2.14. Professional Liability in Construction		
	2.15. Transitional and Final Provisions		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation	0.0%	30.0%
	Test-based exam	60.0%	70.0%
Recommended reading	Basic literature	1. ACT of May 17, 1989 Geodetic and Cartographic Law(Journal of Laws 2024, item 1151, as amended: Journal of Laws 2024, items 1151, 1824.) 2. ACT of July 7, 1994 Construction Law(Journal of Laws 1994, No. 89, item 414, as amended: Journal of Laws 2024, items 725, 834, 1222.) 3. Felcenloben D., "Geodetic Works for Construction Purposes",Published by Wolters Kluwer, Warsaw, 20234. 4. Online System of Legal Acts (ISAP) https://isap.sejm.gov.pl/ 5. Current Texts of Acts and Regulations	
	Supplementary literature	1. REGULATION OF THE MINISTER OF DEVELOPMENT of August 18, 2020 on the technical standards for performing geodetic situational and elevation measurements, as well as processing and submitting the results of these measurements to the national geodetic and cartographic resource. 2. REGULATION OF THE MINISTER OF DEVELOPMENT, LABOR, AND TECHNOLOGY of July 23, 2021 on the geodetic register of utility networks. 3. REGULATION OF THE MINISTER OF DEVELOPMENT, LABOR, AND TECHNOLOGY of July 27, 2021 on the cadastre of land and buildings.	
	eResources addresses	Adresy na platformie eNauczanie: Prawo geodezyjne i budowlane - Moodle ID: 42884 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=42884	
Example issues/ example questions/ tasks being completed	Test Questions Available on the Website of the Main Office of Geodesy and Cartography https://www.gov.pl/web/gugik/pytania-testowe 8Sample Question:The Commission for the Standardization of Geographical Names Outside the Borders of the Republic of Poland operates under: (Select all correct answers)a. The Chief National Surveyorb. The Minister of Foreign Affairsc. The Minister of Digital Affairsd. The Minister of the Interior and Administration		

Work placement	Not applicable
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