



Subject card

Subject name and code	Spatial Development , PG_00044842						
Field of study	Geodesy and Cartography						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2022/2023		
Education level	first-cycle 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	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Geodesy -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Dominika Wróblewska				
	Teachers		dr inż. arch. Dominika Wróblewska dr inż. Tomasz Falborski				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	30.0	0.0	60
	E-learning hours included: 0.0						
	Additional information: group work						
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	60		8.0		32.0	100
Subject objectives	The aim of the course is to prepare the student to work in the field of knowledge about the principles of spatial planning, real estate management and spatial management and the use of this knowledge in the development of geodetic division projects, real estate valuation and economic analysis of relations with records.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W10] has elementary knowledge and understands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and investment service		has elementary knowledge and understands concepts in the field of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to the subdivision of land property.		[SW3] Assessment of knowledge contained in written work and projects		
	[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		has basic legal knowledge of rules and documents and understands the concepts necessary to perform tasks related to land and building records, real estate valuation and division of real estate.		[SW1] Assessment of factual knowledge		
Subject contents	Spatial economy, Real estate management, Legal basis of real estate valuation and appraisal, Spatial planning, Division of land property, Spatial planning: planning rules, planning system, planning documents Geodetic division of land real estate into building plots Spatial development of plots Selected planning problems						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test I	60.0%	10.0%
	test II	60.0%	10.0%
	project I	60.0%	20.0%
	project II	60.0%	20.0%
	project III	60.0%	20.0%
	project IV	60.0%	20.0%
Recommended reading	Basic literature	<ul style="list-style-type: none">Spatial Planning and Land Development Act of 27 March 2003 (avaiaible on http://isap.sejm.gov.pl)Regulation of Ministry of Infrastructure, 12th od April 2002 r.: technical conditions referring to bulidings and their settelment (Dz. U. nr 75 z 2002 r. poz. 690, and future changes),(avaiaible on http://isap.sejm.gov.pl)Real Estate Management Act (August 21, 1997) - available online.Regulation of the Council of Ministers (September 21, 2004): Property Valuation and its procedures - available online.	
	Supplementary literature	<ul style="list-style-type: none">Cymerman R. (redakcja): The basis of spatial and urban planning, Wydawnictwo Uniwersytetu Warmińsko-Mazurskiego, Olsztyn 2010.Kwaśniak P.: Local Spatial Management Plan in spatial planning system, Wydawnictwo: LexisNexis, Warszawa 2011.Niewiadomski Z. (redakcja) Spatial planning and development - comments , Wydawnictwo C. H. Beck, Warszawa 2011.Jędraszko A. Spatial development in Poland - the weaknesses and stregnths of legislation . Warszawa WydawnictwoPLATAN, 2005 (available on web page).Szacowanie nieruchomości (in English: <i>Property Valuation</i>), 4th edition, Editor: Jerzy Dydenko, Wolters Kluwer, Warsaw 2020.	
	eResources addresses	Adresy na platformie eNauczanie:	
	Example issues/ example questions/ tasks being completed	Design the division of land into building plots in the area covered by the development plan. Prepare a land property valuation.	
Work placement	Not applicable		