

Subject card

Spatial Development , PG_00044842							
Geodesy and Cartography							
October 2022		Academic year of realisation of subject			2024/2025		
first-cycle studies		Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Full-time studies		Mode of delivery			at the university		
3		Language of instruction			Polish		
6		ECTS credits			4.0		
general academic profile		Assessment form			assessment		
Department of Geodesy -> Faculty of Civil and Environmental Engineering							
Subject supervisor	Subject supervisor dr inż. arch. Dominika Wróblewska						
Teachers		dr inż. arch. Dominika Wróblewska					
		dr inż. Emilia					
Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM
Number of study	30.0	0.0	0.0	30.0		0.0	60
	ıded: 0.0						
Learning activity	earning activity Participation in didactic Participation in classes included in study consultation hours			Self-study		SUM	
Number of study hours	60	8.0			32.0		100
In aim of the course is to prepare the student for the profession in the field of knowledge about the principles of spatial planning and spatial management and the use of this knowledge in the development of geodetic divisions and in economic analyzes related to records. Student can indentify basic spatial planning documets of local level, describes their scope and development precedures. Student can indentify spatial components and diagnose spatial development conditions. On the basis of spatial requiremets, Student can elaborate the Land Development Plan for specific building investitions.							
Course out	Course outcome Subject outcome				Method of verification		
knowledge and under concepts of architect urban planning, cons environmental engine transport necessary	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 planning and servicing investments, such as division of land real estate			[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 and geodetic knowledge and understands the concepts necessary for the implementation of tasks related to the registration of land and buildings, spatial planning and real estate management relating to the preparation of maps and studies for legal purposes, including the demarcation and division of real estate and the preparation and circulation of geodetic documents in the implementation process investment			[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation		
	Geodesy and Cartogo October 2022 first-cycle studies Full-time studies 3 6 general academic pro Department of Geode Subject supervisor Teachers Lesson type Number of study hours E-learning hours inclu Learning activity Number of study hours The aim of the course principles of spatial p geodetic divisions and Student can indentify precedures. Student basis of spatial requir investitions. Course out [K6_W10] has element knowledge and under concepts of architect urban planning, conserving the conserving t	Geodesy and Cartography October 2022 first-cycle studies Full-time studies 3 6 general academic profile Department of Geodesy -> Faculty of Subject supervisor Teachers Lesson type Lecture Number of study hours E-learning hours included: 0.0 Learning activity Participation in classes including plan Number of study hours The aim of the course is to prepare to principles of spatial planning and spageodetic divisions and in economic and spassion of spatial requiremets, Student investitions. Course outcome [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 [K6_W08] has basic legal and geodetic knowledge and understands the concepts necessary to carry out studies related to planning and investment service [K6_W08] has basic legal and leaborations for legal purposes including delimitation and subdivision as well as preparation and circulation of geodetic documents in the process of	Geodesy and Cartography October 2022 Academic y realisation first-cycle studies Full-time studies Mode of decompliant of the course is to prepare the student for principles of spatial planning and spatial managem geodetic divisions and in economic analyzes related to planning and transport necessary to carry out studies related to planning and transport necessary to carry out studies related to land and building registry, spatial planning and enderstands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and enderstands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and enderstands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and enderstands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and enderstands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and enderstands 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 elaborate investion of maps and elaborate investion of ender preparation and subdivision as well as preparation and suddivision as well as preparation of for legistry in the implementation of	Geodesy and Cartography October 2022 Academic year of realisation of subject first-cycle studies Subject group Mode of delivery Language of instruction ECTS credits general academic profile Assessment form Department of Geodesy -> Faculty of Civil and Environmental Eng Subject supervisor Teachers dr in2. arch. Dominika Wróbi dr in2. Emilia Miszewska Lesson type Lecture Tutorial Laboratory Number of study hours Learning hours included: 0.0 Learning activity Participation in didactic classes included in study plan Number of study hours The aim of the course is to prepare the student for the profession principles of spatial planning and spatial management and the use geodetic divisions and in economic analyzes related to records. Student can indentify basic spatial planning documets of local leve precedures. Student can indentify spatial components and diagno basis of spatial requiremets, Student can elaborate the Land Develor investitions. Course outcome [K6_W10] has elementary knowledge and understands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out tasks related to land and building registry, spatial planning and real estate management referring to the production of maps and elaboration for legal purposes including or geodetic in the process of elegal purposes including of geodetic documents in the process of circludiction of decedetic documents in the process of circluding or geodetic documents in the process o	Geodesy and Cartography October 2022 Academic year of realisation of subject Subject group Full-time studies Mode of delivery 3 Language of instruction 6 ECTS credits general academic profile Assessment form Department of Geodesy -> Faculty of Civil and Environmental Engineerin Subject supervisor Teachers dr in2. arch. Dominika Wróblewska dr in2. Emilia Miszewska Lesson type Lecture Tutorial Laboratory Project Number of study Nours E-learning hours included: 0.0 Learning activity Participation in didactic classes included in study plan Number of study Participation in didactic classes included in study plan Number of study Number of study Number of study Participation in didactic classes included in study plan Number of study Numb	Geodesy and Cartography October 2022 Academic year of realisation of subject first-cycle studies Subject group Obligation of subject Full-time studies Mode of delivery at the Language of instruction ECT'S credits 4.0 general academic profile Assessment form Department of Geodesy -> Faculty of Civil and Environmental Engineering Subject supervisor Teachers Department of Geodesy -> Faculty of Civil and Environmental Engineering dr inż. arch. Dominika Wróblewska dr inż. arch. Dominika Wróblewska dr inż. arch. Dominika Wróblewska dr inż. Emilia Miszewska Lesson type Lecture Tutorial Laboratory Project Number of study Number of study Number of study Participation in didactic classes included in study plan Number of study Number of study Number of study Participation in didactic classes included in study plan Number of study Number of study Nous Participation in consultation hours plan Number of study Nous Participation in consultation hours plan Number of study Nous Participation in consultation hours plan Number of study Nous Participation in consultation hours plan Number of study Nous Participation in consultation hours plan Number of study Nous Participation in consultation hours plan Consultation hours Self-st consultation hours Self-s	Geodesy and Cartography October 2022 Academic year of realisation of subject Subject group Colligatory subject group field of study Subject group relating field of study Assessment form Department of Geodesy -> Faculty of Civil and Environmental Engineering Subject supervisor Greachers Grinz. arch. Dominika Wróblewska dr inz. Emilia Miszewska Lesson type Lecture Tutorial Laboratory Froject Seminar Number of study hours E-learning hours included: 0.0 Learning activity Participation in didactic classes included in study plan Number of study hours From the course is to prepare the student for the profession in the field of knowledge abore principles of spatial planning and spatial management and the use of this knowledge in the degeodetic divisions and in economic analyzes related to records. Student can indentify basic spatial planning documets of local level, describes their scope and precedures. Student can indentify spatial components and diagnose spatial development cond basis of spatial requiremets, Student can elaborate the Land Development Plan for specific bu investitions. Course outcome KG_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 real estate management referring to estate management relating to the field architecture and urban planning, construction to repose the second projects in written various transport necessary to carry out studies related to planning and real estate management referring to estate management referring to the production of maps and studies for legal purposes, including delimitation and subdivision as well as preparation and including the f

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Subject contents Prerequisites	 Study of the Conditions and Directions of the SpatialManagement of a Commune: the scope, development procedures, final output, legal impact and its application. Local Spatial Management Plan: the scope, development procedures, final output, legal impact and its application. Administrative Decision:scope, development procedures, final output, legal impact and its application. Basis of urban planning. Land development plan. 						
and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade				
	test	50.0%	20.0%				
	projects	60.0%	80.0%				
Recommended reading	Basic literature	 Study of the Conditions and Directions of the Spatial Management of a Commune of Gdańsk (available on web page) Local Spatial Management Plan for indicated area (available on web page) Spatial Planning and Land Development Act of 27 March 2003 (avaiable on http://isap.sejm.gov.pl) Regulation of Ministry of Infrastructure 26th of August 2003: the required scope of Local Spatial Management Plan (Dz.U. 2003 nr 164 poz. 1587) (avaiable on http://isap.sejm.gov.pl) Regulation of Ministry of Infrastructure, 12th od April 2002 r.: technical conditions reffering to buildings and their settelment (Dz. U. nr 75 z 2002 r. poz. 690, and future changes),(avaiable on http://isap.sejm.gov.pl) Regulation of Ministry of Infrastructure, 3rd Julyy 2003: detailed scope and form of building project (Dz.U. nr 120, poz. 1133) (avaiable on http://isap.sejm.gov.pl) PN-B-01027:2002 Builging Drawing Graphical symbols used in Land Development Plan. 					
	Supplementary literature	 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). 					
	eResources addresses		Adresy na platformie eNauczanie: Gospodarka przestrzenna GIK sem. letni 2025 - Moodle ID: 45491 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45491				
Example issues/ example questions/ tasks being completed	Design the division of land into building plots in the area covered by the development plan.						
Work placement	Not applicable						

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