

Subject card

Subject name and code	Advanced technical and planning drawing B, PG_00201339						
Field of study	Spatial Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	Master'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	Division of Regional Development -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Krystian Puzdrakiewicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	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	(1) Familiarisation with the principles of preparing spatial planning documents and the vocabulary and graphical symbols used therein (2) Acquiring the ability to read and interpret the provisions of spatial planning documents (3) Acquiring spatial data visualization skills (4) Acquiring the ability to prepare drawings of spatial planning documents (5) Acquiring the ability to create and validate GML spatial data for spatial planning documents (6) Acquiring advanced GIS/CAD software skills						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GPMU2_K04] is ready to develop the profession's achievements, upholding its ethos, observing the principles of professional ethics by themselves and demanding it from others	Is aware of the need to develop the achievements of the planning profession in terms of the planning profession, to uphold its ethos, to respect its professional ethics and to require others to do the same by himself and require it of others	[SK3] text preparation/written work [SK5] implementation of a problem task
	[GPMU2_U03] chooses and uses appropriate methods (including statistics) and research tools with particular emphasis on information technology and GIS software	Selects and applies appropriate methods (including statistical methods) and research tools to produce planning study drawings with particular reference to information techniques and advanced CAD software capabilities	[SU3] text preparation/written work [SU5] implementation of a problem task
[GPMU2_W04] lists in-depth methods and tools (quantitative, qualitative, cartographic) of research in spatial management	To an in-depth degree, he knows the methods and tools (quantitative, qualitative, cartographic) to prepare planning studies in spatial management using thematic knowledge of spatial planning spatial planning	[SW3] text preparation/written work [SW5] implementation of a problem task	
Subject contents	(1) Principles of preparing spatial planning documents and the vocabulary and graphic symbols used therein (2) Maps used in spatial planning (3) Visualization of spatial data (4) Creating drawings of spatial planning documents (5) Creating and validating GML spatial data for spatial planning documents (6) Learning to use GIS/CAD software at an advanced level		
Prerequisites and co-requisites	Knowledge of the use of computer equipment		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exercise assessment	51.0%	100.0%
Recommended reading	Basic literature	(1) Act of March 27, 2003, on Spatial Planning and Development, as amended. (2) Act of March 8, 1990, on Local Government, as amended. Regulation of the Minister of Development and Technology of December 17, 2021, on the required scope of the draft local development plan. (3) Regulation of the Minister of Development and Technology of December 17, 2021, on the scope of the draft study of the conditions and directions of spatial development of a municipality. (4) Regulation of the Minister of Development and Technology of December 8, 2023, on the draft general plan of a municipality, documenting planning work within the scope of this plan, and issuing extracts and map extracts from it, as amended. (5) CAD user's guide attached electronically to the software	
	Supplementary literature	(1) Wejher K., 2008, Elementy kompozycji urbanistycznej, Arkady Publishing House, Warsaw. (2) Böhm A., 2006, Spatial planning for landscape architects. O czynniku kompozycji, Wydawnictwo Politechniki Krakowskiej, Kraków. (3) Chmielewski J., M., 2001, Teoria urbanistyki w projektowaniu i planowaniu miast, Oficyna Wydawnicza Politechniki Warszawskiej, Warsaw. (4) Pomorskie Voivodeship Spatial Development Plan 2030.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Determination of the final grade based on partial grades from partial tests and the performance of a specific practical task - correct and independent preparation of a drawing of a spatial planning act in accordance with applicable legal provisions and planning practice.		
Work placement	Not applicable		

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