University of Gdańsk

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

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[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</td><td>Is aware of the need to develop the achievements of the planning profession in terms ofof 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</td><td>[SK3] text preparation/written work
[SK5] implementation of a problem task</td></tr>
<tr><td>[GPMU2_U03] chooses and uses appropriate methods (including statistics) and research tools with particular emphasis on information technology and GIS software</td><td>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</td><td>[SU3] text preparation/written work
[SU5] implementation of a problem task</td></tr>
<tr><td>[GPMU2_W04] lists in-depth methods and tools (quantitative, qualitative, cartographic) of research in spatial management</td><td>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</td><td>[SW3] text preparation/written work
[SW5] implementation of a problem task</td></tr>
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<tr><td>Subject contents</td><td>(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</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Knowledge of the use of computer equipment</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Exercise assessment</td><td>51.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>(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</td></tr>
<tr><td>Supplementary literature</td><td>(1) Wejhert 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.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
</table>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>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.</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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