University of Gdańsk

Subject card

Subject name and code	Advanced technical and planning drawing A, PG_00201349		
Field of study	Spatial Management		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	4.0
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	40.0	0.0	0.0	40

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	40	8.0	52.0	100

Subject objectives

(1) Acquaint yourself with regional and local policy objectives and tools
(2) Learning the principles of preparing spatial planning documents and the vocabulary and graphical symbols used therein (3) Acquiring the ability to read maps used in spatial planning
(4) Acquiring the ability to prepare drawings of spatial planning documents
(5) Acquiring advanced skills in using GIS/CAD software

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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 the advanced capabilities of GIS and CAD software	[SU2] presentation/project/paper/ report [SU5] implementation of a problem task
[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 the field of spatial planning, to uphold its ethos, to adhere to the principles of professional ethics by himself and to require this of others	[SK6] demonstration of practical skills [SK8] observation of student's independent or team work
[GPMU2_W04] lists in-depth methods and tools (quantitative, qualitative, cartographic) of research in spatial management	Has an in-depth knowledge of methods and tools (quantitative, qualitative, cartographic) for preparing planning studies in spatial management using thematic knowledge of spatial planning and GIS and CAD software	[SW2] presentation/project/paper/ report [SW5] implementation of a problem task

<table>
<tr><td>Subject contents</td><td colspan="2">(1) Regional and local policy objectives and tools
(2) Vocabulary and graphical signs used in planning documents
(3) Principles of preparing spatial planning acts
(4) Maps used in spatial planning
(5) Preparation of the graphic part of the spatial planning act
(6) Learning to use GIS/CAD software at an advanced level</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="2">Knowledge of the use of computer equipment</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Evaluation of sub-tasks</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><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, Wydawnictwo Arkady, Warszawa.
(2) Böhm A., 2006, Planowanie przestrzenne dla architektów krajobrazu. O czynniku kompozycji, Wydawnictwo Politechniki Krakowskiej, Kraków.
(3) Chmielewski J., M., 2001, Teoria urbanistyki w projektowaniu i planowaniu miast, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa.
(4) Spatial development plan of the Pomeranian Voivodeship 2030.
(5) Head G. O., Head J. D., 1997, AutoCAD. 1000 sztuczek i chwytów, Helion, Gliwice.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">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 colspan="2">Not applicable</td></tr>
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