

<b>Course code</b>																																	
<b>Type and description</b>	Elective Course																																
<b>ECTS credit</b>	1																																
<b>Course name</b>	New trends in urban studies																																
<b>Course name in Polish</b>	Nowe trendy w studiach miejskich																																
<b>Language of instruction</b>	English																																
<b>Course level</b>	8 PRK																																
<b>Course coordinator</b>	dr hab. inż. arch. Małgorzata Hanzl																																
<b>Course instructors</b>	dr hab. inż. arch. Małgorzata Hanzl																																
<b>Delivery methods and course duration</b>	<table border="1"> <thead> <tr> <th></th> <th>Lecture</th> <th>Tutorials</th> <th>Laboratory</th> <th>Project</th> <th>Seminar</th> <th>Other</th> <th>Total of teaching hours during semester</th> </tr> </thead> <tbody> <tr> <td>Contact hours</td> <td>0</td> <td>0</td> <td>0</td> <td>15</td> <td>0</td> <td>0</td> <td>15</td> </tr> <tr> <td>E-learning</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td></td> </tr> <tr> <td>Assessment criteria (weightage)</td> <td>0,00</td> <td></td> <td></td> <td></td> <td></td> <td>0,00</td> <td></td> </tr> </tbody> </table>		Lecture	Tutorials	Laboratory	Project	Seminar	Other	Total of teaching hours during semester	Contact hours	0	0	0	15	0	0	15	E-learning	No	No	No	No	No	No		Assessment criteria (weightage)	0,00					0,00	
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<b>Course objective</b>	<ol style="list-style-type: none"> <li>1. Acquiring knowledge about basic concepts of urban system theory.</li> <li>2. Acquiring knowledge about applying advanced issues of urban morphology and morphometry.</li> <li>3. Acquiring knowledge in the applications of resilience planning theory.</li> </ol>																																
<b>Learning outcomes</b>	<p>Having completed the course student can:</p> <ol style="list-style-type: none"> <li>1.Characterise the basic concepts of urban system theory, investigate their properties in urban processes – effects W4, U4, K1</li> <li>2. Provide a theorem to describe urban form and design a method to verify its correctness – effects W4, U4, K1</li> <li>3. Apply the knowledge obtain to the analysis of concrete models: effects U4, K1</li> </ol>																																
<b>Assessment methods</b>	<p>W4 - oral exam</p> <p>U4, K1 – project seminar presentation</p> <p>W4, U4 – written project</p> <p>The final grade</p> <p>Oral exam - 50%</p> <p>Presentation - 20%</p> <p>Project evaluation– 30%</p>																																
<b>Prerequisites</b>	Completion of the background course on Research in Urban Studies																																

<b>Course content with delivery methods</b>	<p>LECTURE</p> <ol style="list-style-type: none"> <li>1. Urban system theory – introduction.</li> <li>2. Socio-ecological systems and their components.</li> <li>3. Advanced methods of analysis of urban form, morphometry.</li> <li>4. Resilience theory and its development.</li> <li>5. Introduction to urban complexity</li> <li>6. Methods of research in urban studies and their relevance to the system theory.</li> </ol> <p>PROJECT</p> <ol style="list-style-type: none"> <li>7. Presentation of applications to one of the discussed theoretical approaches.</li> </ol>
<b>Basic reference materials</b>	<ol style="list-style-type: none"> <li>1. Silva, E. A., Healey, P., Harris, N., &amp; Van der Broeck, P. (Eds.). (2015). <i>The Routledge Handbook of Planning Research Methods</i>. Routledge Taylor &amp; Francis Group.</li> <li>2. J. Portugali, H. Meyer, E. Stolk, &amp; E. Tan (Eds.), <i>Complexity Theories of Cities Have Come of Age: An Overview with Implications to Urban Planning and Design</i> (pp. 47–62). Springer Berlin Heidelberg. <a href="https://doi.org/10.1007/978-3-642-24544-2_4">https://doi.org/10.1007/978-3-642-24544-2_4</a>.</li> <li>3. <i>Journal of Urban Morphology</i>, past issues.</li> <li>4. Berghauer-Pont, M., &amp; Haupt, P. (2010). <i>Space, Density and Urban Form</i>. Technische Universiteit Delft.</li> <li>5. Barthel, S., Colding, J., Ernstson, H., Erixon, H., Grahn, S., Kärsten, C., Marcus, L. and Torsvall, J. (2013) <i>Principles of social- ecological urbanism – case study: Albano Campus, Stockholm</i> (KTH Architecture and the Built Environment).</li> </ol>
<b>Other reference materials</b>	<ol style="list-style-type: none"> <li>1. Hanzl, M., Geerse, A., Guschl, L., &amp; Dewan, R. (2021). Urban metabolism and land use optimization: In quest for modus operandi for urban resilience. In <i>Understanding Disaster Risk</i> (pp. 109–130). Elsevier. <a href="https://doi.org/10.1016/B978-0-12-819047-0.00007-X">https://doi.org/10.1016/B978-0-12-819047-0.00007-X</a></li> <li>2. Hanzl, M., &amp; Fernández-Maldonado, A. M. (2021). Editorial to the Special issue on planning resilient cities and region. <i>Cities</i>, 114, 103190. <a href="https://doi.org/10.1016/j.cities.2021.103190">https://doi.org/10.1016/j.cities.2021.103190</a></li> </ol>
<b>Average student workload outside classroom</b>	10h
<b>Comments</b>	
<b>Last update</b>	