

| Course code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------|------------|-----------|------------|---------|---|-------|---|---------------|---|---|---|----|---|---|----|------------|----|----|----|----|----|----|--|---------------------------------|--|--|--|--|--|------|--|
| Type and description | Elective Course | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECTS credit | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course name | Smart city – social aspects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course name in Polish | Miasto inteligentne – aspekty społeczne | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Language of instruction | English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course level | 8 PRK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course coordinator | dr hab. inż. arch. Małgorzata Hanzl | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course instructors | dr hab. inż. arch. Małgorzata Hanzl | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery methods and course duration | <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></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 | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course objective | <p>1.Acquiring knowledge about the rudiments of smart city concept.</p> <p>2. Acquiring knowledge about relations between technology and social environment in the following areas: intelligent management and planning, BIG data management, social participation and crowdsourcing, technology in public space, supported mobility, energy and resources management.</p> <p>3. Acquiring the skill of examining the above listed relationships as an element of successful implementation strategy.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Learning outcomes | <p>Having completed the course student can:</p> <p>1.Describe the concept of smart city and identify its basic components– effects W4, U4, K1</p> <p>2. Provide the characteristics of relationships between specific elements of smart city and their social and cultural background – effects W4,U4, K1</p> <p>3. Apply the knowledge obtained to the analysis of concrete case studies: effects U4, K1</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Assessment methods | <p>W4, U4, K1 – lecture with forms of active learning</p> <p>The final grade</p> <p>Presentation - 80%</p> <p>Participation in class workshop activities, contribution to the group discussion – 20%</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prerequisites | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course content with delivery methods | <p>LECTURE</p> <ol style="list-style-type: none"> Smart City – development of the concept. Its goals and relationships with digital economy. Main areas of Smart City. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---|--|
| | <ol style="list-style-type: none"> 3. Social communication, context, situation and communicative rationality as concepts required to develop smart city strategy. 4. Master plan, strategic planning and benchmarking of smart city implementation. 5. Relationships between smart city and urban planning tools. 6. Smart Cities versus Sustainable Development Goals. <p>PROJECT</p> <ol style="list-style-type: none"> 7. Presentation of concrete applications to specified case study. Analysis of relationships between technology and social and cultural milieu. Strategic implementation approach. |
| Basic reference materials | <ol style="list-style-type: none"> 1. Batty, M. (2017). The Age of the Smart City. http://www.spatialcomplexity.info/files/2017/06/BATTY-Working-Paper-The-Age-of-the-Smart-City.pdf 2. Hajer, M. A. (2016). On being smart about cities Seven considerations for a new urban planning and design. In A. Allen, A. Lampis, & M. Swilling (Eds.), <i>Untamed Urbanisms</i> (pp. 50–63). Routledge Taylor & Francis Group. 3. Murgante, B., & Borruso, G. (2015). Smart Cities in a Smart World (pp. 13–35). https://doi.org/10.1007/978-3-319-15030-7_2. 4. Hanzl, M., Itova, I., Scheerbarth, B., & Stephens, R. (2018). Smart Sustainable Cities White Paper by International Society of City and Regional Planners ISOCARP. In M. Hanzl & J. O'Reilly (Eds.), <i>Review 14 Climate Change Planning</i> (pp. 318–342). International Society of City and Regional Planners. |
| Other reference materials | World Bank and UN Habitat documents |
| Average student workload outside classroom | 10h |
| Comments | |
| Last update | Brak informacji |