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| **Prowadzący** | Piotr Maleszyk, Piotr Wetoszka |
| **Oferta PJO\*** | NIE |
| **Oferta PJOE\*** | TAK |
| **Kierunek, rok, stopień dla PJO (\*obowiązkowe)** |  |
| **Semestr roku 2022/2023** | letni |

\* PJO – przedmiot w języku obcym dla studentów polskich / PJOE – przedmiot w języku obcym dla studentów Erasmus+  
\*\* zostawić właściwe

BASIC INFORMATION ABOUT THE SUBJECT (INDEPENDENT OF THE CYCLE)

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| **Module name** | Urban Development |
| **Erasmus code** |  |
| **ISCED code** |  |
| **Language of instruction** |  |
| **Website** | <https://www.umcs.pl/en/courses-in-english-2021-2022,21582.htm> |
| **Prerequisites** |  |
| **ECTS points hour equivalents** | Contact hours (work with an academic teacher): 30  Total number of hours with an academic teacher: 30  Number of ECTS points with an academic teacher: 3 Non-contact hours (students' own work): 30 Total number of non-contact hours: 30 Number of ECTS points for non-contact hours:3  Total number of ECTS points for the module: 6 |
| **Educational outcomes verification methods** | 1. Attendance & regular individual and group tasks (incl. home tasks);  2. Oral exam at the end of the course. |
| **Description** | Urban development explores the phenomenon of urbanization: its manifestations, drivers and outcomes. It applies a multi-disciplinary approach, particularly economics, geography, and management. Urban development unveils the location decisions of households and firms, and examines the market forces that shape cities and the role of government in determining land-use patterns. Particular attention is given to the concepts of sustainable development and smart city. Urban development also discusses urban policy issues, with a particular focus on urban development strategies. Finally, the course offers an introduction to the analysis of urban data. |
| **Reading list** | BASIC READING  1. O'Sullivan, A. (2007). Urban economics. McGraw-Hill/Irwin  2. Brueckner, J. K. (2011). Lectures on urban economics. MIT Press  FURTHER READING  3. Glaeser, E. (2011) Triumph of the City, How Our Greatest Invention Makes Us Richer, Smarter, Greener, Healthier and Happier, The Penguin Press [USA], London.  4. Urban Economic Challenges and the New Urban Agenda (2017), UN&HABITAT.  5. Handbook of Sustainable Urban Development Strategies (2020), Fioretti, C., Pertoldi, M., Busti, M. and Van Heerden, S. editor(s), EUR 29990 EN, Publications Office of the European Union, Luxembourg.  6. Albino, V., Berardi, U., & Dangelico, R. M. (2015). Smart cities: Definitions, dimensions, performance, and initiatives. Journal of urban technology, 22(1), 3-21.  7. Dijkstra, L., Garcilazo, E., & McCann, P. (2013). The economic performance of European cities and city regions: Myths and realities. European Planning Studies, 21(3), 334-354.  8. EUROSTAT, <https://ec.europa.eu/eurostat/web/regions-and-cities> |
| **Educational outcomes** | KNOWLEDGE  1. Students understand the economic drivers of urbanisation.  2. Students explain economic functions modern cities fulfil, including their role as business location and innovation centers.  3. Students present key challenges cities face from the perspective of sustainable development.  4. Students describe the elements of a smart city.  SKILLS  1. Students evaluate urban policies for their sustainability and smartness, providing their own examples of good practices.  2. Students access and analyse urban data to evaluate and formulate ideas for urban strategies.  ATTITUDES  1. Students become aware of challenges to urban economics and are motivated to help resolve some arising problems in everyday activities and choices  2. Students reflect critically on the quality of life in their home cities. |
| **Practice** | n/a |

INFORMATION ABOUT CLASSES IN THE CYCLE

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| **Website** | <https://www.umcs.pl/en/courses-in-english,21103.htm>  (dla PJOE) |
| **Educational outcomes verification methods** | 1. Attendance & regular individal and group tasks (incl. home tasks)  2. Oral exam at the end of the course |
| **Comments** |  |
| **Reading list** | BASIC READING  1. O'Sullivan, A. (2007). Urban economics. McGraw-Hill/Irwin  2. Brueckner, J. K. (2011). Lectures on urban economics. MIT Press  FURTHER READING  3. Glaeser, E. (2011) Triumph of the City, How Our Greatest Invention Makes Us Richer, Smarter, Greener, Healthier and Happier, The Penguin Press [USA], London.  4. Urban Economic Challenges and the New Urban Agenda (2017), UN&HABITAT.  5. Handbook of Sustainable Urban Development Strategies (2020), Fioretti, C., Pertoldi, M., Busti, M. and Van Heerden, S. editor(s), EUR 29990 EN, Publications Office of the European Union, Luxembourg.  6. Albino, V., Berardi, U., & Dangelico, R. M. (2015). Smart cities: Definitions, dimensions, performance, and initiatives. Journal of urban technology, 22(1), 3-21.  7. Dijkstra, L., Garcilazo, E., & McCann, P. (2013). The economic performance of European cities and city regions: Myths and realities. European Planning Studies, 21(3), 334-354.  8. EUROSTAT, <https://ec.europa.eu/eurostat/web/regions-and-cities>. |
| **Educational outcomes** | KNOWLEDGE  1. Students understand the economic drivers of urbanisation.  2. Students explain economic functions modern cities fulfil, including their role as business location and innovation centers.  3. Students present key challenges cities face from the perspective of sustainable development.  4. Students describe the elements of a smart city.  SKILLS  1. Students evaluate urban policies for their sustainability and smartness, providing their own examples of good practices.  2. Students access and analyse urban data to evaluate and formulate ideas for urban strategies.  ATTITUDES  1. Students become aware of challenges to urban economics and are motivated to help resolve some arising problems in everyday activities and choices  2. Students reflect critically on the quality of life in their home cities. |
| **A list of topics** | BLOCK 1 [P. Maleszyk]  Key definitions and theoretical concepts  The economic dimension of urban development: why do cities exist and grow? externalities, business location decisions, urban specializations.  BLOCK 2 [P. Wetoszka]  Sustainable development and cities:  The social dimension of development  The environmental dimension of development  BLOCK 3 [P. Wetoszka]  Smart city, smart city dimensions and case studies  New developments in urban infrastructure  BLOCK 4 [P. Maleszyk]  Urban data & indicators  Urban governance  New urban challenges and policy responses (urban agenda) |
| **Teaching methods** | Informative and problem-based lectures  Case-studies with individual & group work and discussions |
| **Assessment methods** | 1. Attendance & regular individual and group tasks (incl. home tasks) [up to 50 points]  2. Oral exam at the end of the course [up to 50 points]  Grading scale:  5,0 - 90 points and above  4,5 - 80 - 89 points,  4,0 - 70 – 79 points,  3,5 - 60 – 69 points,  3,0 - 51 – 59 points. |