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| **Prowadzący** | Piotr Maleszyk |
| **Oferta PJO\*** | NIE |
| **Oferta PJOE\*** | TAK |
| **Kierunek, rok, stopień dla PJO (\*obowiązkowe)** |  |
| **Semestr roku 2023/2024** | zimowy |

\* 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 Economics for Sustainable Cities |
| **Erasmus code** |  |
| **ISCED code** |  |
| **Language of instruction** |  |
| **Website** | [https://www.umcs.pl/en/courses-in-english-2021-2022,21582.htm](https://www.umcs.pl/en/courses-in-english-2021-2022%2C21582.htm)  |
| **Prerequisites** |  |
| **ECTS points hour equivalents** | Contact hours (work with an academic teacher): 15Total number of hours with an academic teacher: 15Number of ECTS points with an academic teacher: 1,5Non-contact hours (students' own work): 15Total number of non-contact hours: 15Number of ECTS points for non-contact hours:1,5Total number of ECTS points for the module: 3 |
| **Educational outcomes verification methods** | 1. Project or exam at the end of the course
2. Class discussion and activity
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| **Description** | The course provides an exploration of urban economics, dissecting the influence of market forces on city development. Participants gain an in-depth understanding of what is a city? Why do cities exist? Why do cities grow?, and How do cities might evolve? The course offers insights into the drivers fueling metropolization and economic progress, emphasizing the pivotal roles of agglomeration economies and specialization for the development of entrepreneurship, innovations, and specialized urban markets. The course equips learners to assess the factors influencing residential and business choices in urban areas, delving into the associated benefits and costs. It also unveils the vulnerability of urban areas to environmental pollution, climate change and energy transition. Additionally, it presents the scope and evolution of contemporary urban policies for sustainable economic development. |
| **Reading list** | 1. O'Sullivan, A. (2007). Urban economics. McGraw-Hill/Irwin
2. Brueckner, J. K. (2011). Lectures on urban economics. MIT Press
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. European Commission, Urban Data Platform Plus, <https://urban.jrc.ec.europa.eu/?lng=en>
6. Urban Agenda, <https://www.urbanagenda.urban-initiative.eu/urban-agenda-eu>
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| **Educational outcomes** | KNOWLEDGE1. Students understand key concepts and definitions in Urban Economics
2. Students explain functions modern cities fulfil, including their role as business location and innovation centres.
3. Students present key challenges cities face from the perspective of sustainable development.
4. Students describe the scope of urban policy

SKILLS1. Students evaluate urban policies for their sustainability, providing their own examples of good practices.
2. Students access and analyse urban data to evaluate and formulate ideas for sustainable urban development.

ATTITUDES1. Students become aware of challenges to urban development and are motivated to help resolve some arising problems in everyday activities and choices (e.g. bicycling, individual waste management).
2. Students reflect critically on the sustainability and quality of urban life in their home cities.
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| **Practice** | n/a |

INFORMATION ABOUT CLASSES IN THE CYCLE

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| **Website** | [https://www.umcs.pl/en/courses-in-english,21103.htm](https://www.umcs.pl/en/courses-in-english%2C21103.htm) (dla PJOE) |
| **Educational outcomes verification methods** | 1. Project or exam at the end of the course
2. Class discussion and activity
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| **Comments** | - |
| **Reading list** | 1. O'Sullivan, A. (2007). Urban economics. McGraw-Hill/Irwin
2. Brueckner, J. K. (2011). Lectures on urban economics. MIT Press
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.
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5. European Commission, Urban Data Platform Plus, <https://urban.jrc.ec.europa.eu/?lng=en>
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| **A list of topics** | 1. Key definitions and concepts in Urban Economics.
2. Agglomeration economies, business location decisions, urban specialization, smart city.
3. Negative externalities and urban sustainable development.
4. Policy responses to contemporary urban challenges.
5. Data sources on sustainable urban development and urban policies.
6. Urban policy initiatives for sustainable economic development – case studies (projects)
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| **Teaching methods** | Lecturing, classroom discussion, individual project, case study, educational games, problem solving activities, working with statistical data. |
| **Assessment methods** | 1. Project or exam at the end of the course
2. Class discussion and activity
3. Class participation
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