



Informator	2021/2022	
Tytuł oferty	Eco-cities (blended learning)	
Sygnatura	237397 - 1169	4 pkt. ECTS
Prowadzący	dr Dominika Paulina Brodowicz oraz zespół: dr Dominika Paulina Brodowicz	

#### A. Cel przedmiotu

In recent years the issues of sustainable development have become central themes at a series of world economic summits, and more specifically highlighted by international bodies, for instance the European Union and the United Nations. The aim of the lecture is to present current models of 21st century cities, which developed strategies to respond to ecological challenges including air pollution, congestion and energy efficiency to improve quality of life, work-life balance, mobility and social participation.

#### B. Ogólna charakterystyka zajęć (abstrakt)

This course includes challenges for contemporary cities; role of communities and public participation in shaping green and smart cities; mobility and transportation within urban areas; green technologies in cities; green buildings and ecological footprint; human welfare and quality of living in cities.

#### C. Przedmiotowe efekty uczenia się

Wiedza	Understanding the concepts and models of 21st century cities.  Knowledge about current international strategies regarding green and sustainable development of urban areas. Understanding significance of quality of life, work and life balance, mobility, public participation and partnership in shaping the contemporary cities.
Umiejętności	Ability and knowledge to discuss different models of green urban development.  Ability to compare and assess cities green strategies and solutions. Ability to identify and respond to social, environmental and economic challenges of US and European cities, and specifically urban areas in Poland.
Kompetencje społeczne	Ability to identify, communicate and discuss ecological problems of contemporary cities through the prism of social, environmental and economic constraints.  Social and environmental awareness of eco-challenges.

#### D. Tematyka zajęć

- 1 Typology of green cities.
- 2 Typology of green cities. Continuation of 1.
- 3 Trends affecting the 21st century cities.
- 4 Trends affecting the 21st century cities. Continuation of 3.
- 5 Public participation and social engagement in greening the cities.
- 6 Public participation and social engagement in greening the cities. Continuation of 5.
- 7 Green Urban Technologies.
- 8 Green Urban Technologies. Continuation of 7.
- 9 Green Urban Transportation
- 10 Green Urban Transportation. Continuation of 9.
- 11 Green buildings and ecological footprint.
- 12 Europe 2020 Strategy
- 13 UN programs regarding urban development
- 14 European and American strategies towards green cities development
- 15 Summary

#### E. Literatura podstawowa (obowiązkowe podręczniki)

- D.Brodowicz, P.Pospieszny, Z.Grzymała, "Eco-cities" e-book, Warszawa 2015 (all materials available on e-sgh platform)

#### F. Literatura uzupełniająca

- Beatley T. red. (2012), Green cities of Europe, Island Press, Washington. - Lim C.J., Liu E. (2010), Smartcities and Eco-Warriors, Routledge, Oxfordshire.

#### G. Najważniejsze publikacje autora(ów) dotyczące proponowanych zajęć

- D.Brodowicz, P.Pospieszny, Z.Grzymała, "Eco-cities" e-book, Warszawa 2015. - D. Brodowicz, Emerging City Labels ? a Global Overview [in] Eco-innovations in cities, A. Szelągowskiej, M. Bryxa. [Ed.], CeDeWu, Warsaw 2015, ISBN 978-83-7556-814-1, pp.17-31. - Ratcliffe, J., O'Brien, G., Brodowicz, D. (2010), Built Environment Foresight 2030: Sustainable Development Imperative, King Sturge and RICS Foundation, London.

#### H. Sygnatury wymaganych prekwizytów

nie są wymagane

#### I. Wymiar i forma zajęć

	Stacj.	Sb.Niedz.	Popołud.
<b>Ogółem:</b>	40	25	40
Trening	15	10	15
e-learning	25	15	25

**J. Elementy oceny końcowej**

egzamin tradycyjny-pisemny	40%
referaty/eseje	60%

**K. Wymagana znajomość języka obcego**

angielski

**L. Kryteria selekcji**

Lista rankingowa

**M. Metody prowadzenia zajęć**

kejsy  
referaty  
dyskusje  
udział praktyków  
inne