



Politechnika Śląska  
 Wydział Architektury  
 (faculty stamp)  
 DZIEKANAT  
 44-100 Gliwice, ul. Akademicka 7  
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**COURSE DESCRIPTION**

<b>1. Course title: URBAN REGENERATION, (MODULES A,B)</b>		<b>2. Course code: RAR-A-SSII-I-UR</b>		
<b>3. Validity of course description: 2018/2019</b>				
<b>4. Level of studies: MSc programme</b>				
<b>5. Mode of studies: Full-time studies</b>				
<b>6. Field of study: Architecture</b>				
<b>7. Profile of studies: General academic profile</b>				
<b>8. Programme: -</b>				
<b>9. Semester: 1</b>				
<b>10. Faculty teaching the course: Faculty of Architecture, Dept. of Urban Designing and Spatial Planning</b>				
<b>11. Course instructor: Michał Stangel, PhD DSc Eng. Arch. Associate Prof.</b>				
<b>12. Course classification: major</b>				
<b>13. Course status: Compulsory</b>				
<b>14. Language of instruction: English</b>				
<b>15. Pre-requisite qualifications: none</b>				
<b>16. Course objectives:</b> To understand the methods and techniques of joining operational urban planning and urban design skills with strategic visioning and formulating urban programs for degraded urban areas (revitalization). Setting objectives and means implementation in the spatial sphere with regard and understanding of social, economic and cultural issues. Mastering skills and gaining the competence to design remodeling and reshaping of urban areas in the process of their revitalization. The course will allow undertaking realistic design issues based on agreements with cities, as well as current urban design competitions (Such as annual Schindler design competition)				
<b>17. Description of learning outcomes:</b>				
Nr	Learning outcomes description	Method of assessment	Teaching methods	Learning outcomes reference code
1	He/she can adjust the built space and designs its revalorization.	Designing	Project	K2A-U13
2	He/she can make a preliminary economic analysis of undertaken engineering task.	Designing, seminar	Project, Seminar	K2A-U18
3	He/she can use research methods in architecture.	Designing	Project	K2A-U04
4	He/she can use skills in the arts, workshop techniques and computer aided design to create and present projects	Designing	Project	K2A-U10
5	He/she has an in-depth knowledge of both general and specialized vocabulary for the studied field. He has knowledge of grammatical structures and sentence structures used in professional texts	Discussion	Project	K2A-U19
<b>18. Teaching modes and hours</b>				
Lecture – 15 hours				
Project – 60 hours				
Seminar – 5 hours				



**19. Syllabus description:**

**Lectures:**

1. Introduction to urban regeneration (MS)
2. Urban regeneration – an international perspective and case studies (MS)
3. Urban regeneration in Poland – regulations, methods and projects (MS)
4. Urban regeneration and housing (AT)
5. Successful stories - architects and social urban regeneration (AT)
6. Urban regeneration and real estate - increasing land value (TB)
7. Urban regeneration: urban design indicators, urban design techniques (TB)
8. Summary, test (MS)

(MS - PhD DSc Eng. Arch. Michał Stangel; AT – - PhD Eng. Arch. Agata Twardoch; TB - PhD Eng. Arch. Tomasz Bradecki)

**Project:**

EXERCISE I (done in group) Development of an action plan for revitalization urban area, according to given urban regeneration/revitalisation methodology

EXERCISE II (performed in teams of 2) Implementation of the project of revaluation of selected part of the town  
Project topics to be selected by students team from a given range of 2 to 3 projects/sites.

SEMINAR: Close encounter with local practice of urban regeneration (revitalization) in Silesia (Nowe Gliwice and other developments; discussions on regeneration in Katowice and other cities in Silesia)

**20. Examination:** Yes

**21. Primary sources:**

- Stangel, M.: Transformation of Derelict Areas into Mixed-Use Urban Neighbourhoods - Case Studies in the Polish Cities. In: Schrenk, M., Popovich, V., Zeilie, P. [eds.]: Change for stability - lifecycles of cities and regions. Proceedings REAL CORP 2011, Essen 2011 - **(PDF at academia.edu)**
- Stangel, M.: Urban Design Thinking – Experiences and Challenges of Sustainable Urbanism [in:] Jeleński T., Juchnowicz S., (eds.), Tradition and Heritage in the Contemporary Image of the City, Kraków 2015 - **(PDF at academia.edu)**
- F. Piascik, M. Stangel: Campus development and downtown regeneration - perspectives for Katowice - **(PDF at academia.edu)**
- Llewelyn Davies 'Urban design compedium', English Partnerships, London 2003, <http://www.rudi.net/books/4405>

**22. Secondary sources:**

- T. BRADECKI, M. STANGEL: THE IMAGE OF DENSITY - CHALLENGES OF DELIVERING COMPACT URBAN STRUCTURE IN CONTEMPORARY URBAN DESIGN IN POLAND, ACEE Architecture-Civil Engineering-Environment, Gliwice 3/2011, s. 5-14, <http://www.acee-journal.pl/1,7,20,Issues.html>
- Farr, D.: Sustainable Urbanism. Urban Design with nature, New Jersey 2008
- M. Stangel: KSZTAŁTOWANIE WSPÓLCZESNYCH OBSZARÓW MIEJSKICH W KONTEKŚCIE ZRÓWNOWAŻONEGO ROZWOJU (PDF at academia.edu)
- Gasidło K. Problemy przekształceń terenów poprzemysłowych. Zeszyty Naukowe Pol. Śl.. Architektura, z.37. Gliwice 1998
- Ustawa o rewitalizacji z 09.10.2015 roku, Dz. Ust. 2015 poz. 1777

**23. Total workload required to achieve learning outcomes**

Lp.	Teaching mode :	Contact hours / Student workload hours
1	Lecture	15/5
2	Classes	
3	Laboratory	
4	Project	75/75
5	BA/ MA Seminar	5/5
6	Other	15/15
	Total number of hours	110/100

**24. Total hours:** 210


**25. Number of ECTS credits:** 7

**26. Number of ECTS credits allocated for contact hours:** 4

**27. Number of ECTS credits allocated for in-practice hours (laboratory classes, projects):** 3

**28. Comments:** -

26/9/2018   
(date, Instructor's signature)

Approved:  
KIEROWNIK KATEDRY  
Urbanistyki i Planowania Przestrzennego  
  
Prof. dr hab. inż. arch. Krzysztof Gasidło  
(date, the Director of the Faculty Unit signature)