



COURSE SPECIFICATION

Course title in Polish	Projektowanie architektoniczno-urbanistyczne 4. Projektowanie struktur śródmiejskich
Course title in English	Architectural and urban design 4. Design of downtown structures
Valid from academic year	2020/2021

CURRICULAR ALIGNMENT

Programme	ARCHITECTURE
Level	first-cycle
Programme profile	academic
Mode of attendance	full-time
Specialism	-
Academic unit responsible for the course	Department of Architecture and Urban Planning
Course coordinator	dr inż. arch. Dariusz Piotrowicz
Approved by	prof. dr hab. inż. Marek Iwański

COURSE DESCRIPTION

Teaching block	major
Course status	elective
Language of instruction	Polish/English
Semester of delivery	semester VI
Prerequisites	-
Exam (YES/NO)	NO
ECTS	5

Mode of teaching	lecture	class	lab	project	seminar
Number of hours per semester				75	

LEARNING OUTCOMES

Category	Code	Learning outcomes	Corresponding programme outcome code
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Knowledge	W01	Students have basic knowledge about contemporary ideas for shaping urban spaces, urban composition principles, standards for shaping public and social space in old-town areas.	A1_W02
	W02	Students Knows the scope and principles of preparing local spatial development plans.	A1_W03
	U01	Students are able to make a functional and spatial analysis of a designed area in the scale of a city and city-surrounding areas. Be able to put forward a programme- a spatial concept on the basis of a functional and spatial analysis, designing guidelines and future users' needs.	A1_U02 A1_U04 A1_U05 A1_U06
	U02	Students are able to prepare a technical description and presentation of the project with the use of drawing and modelling skills.	A1_U07 A1_U08
	U03	Students are able to consistently develop the project in various scales 1: 2000, 1: 1000, 1: 500..	A1_U02
	K01	Students think independently and in a team on a given task.	A1_K01
	K02	Students understand and are able to apply the rules of sustainable designing.	A1_K02

COURSE CONTENT

Teaching mode*	Topics covered
Project	1. Introduction, presentation of the scope of a project, discussing topics, their preliminary selection, assignment of a topic, field visit
	2-3. Presentation of the site analysis, discussion, preparation of project guidelines, initial description of the programme and particular sizes, sketches and diagrams,
	4. Overview 1 – draft of the entire project
	5. Program adjustment, idea of a space, a draft concept in the scale 1:2000, work on a conceptual design, discussion.
	6. Short presentations of papers, proposals for the project,
	7-8. cont. work on the project, concepts of access, drive, transport, entry; projections, functional diagrams.
	9. Definition of a functional system, concept of an elevation, cross sections.
	10-11. Concept adjustments, submission of descriptions for adjustment, urban detail.
	12. Overview 2 – in the classroom, project approval (full scope).
	13-14. Project adjustments/corrections.
15. Final presentation and submission of the project.	

METHODS OF LEARNING OUTCOMES VERIFICATION

Learning outcome	Learning outcome verification methods					
	Oral exam	Written exam	Test	Project	Report	Other
W01				X		
W02				X		
U01				X		
U02				X		
U03				X		
K01				X		
K02				X		

ASSESSMENT

Teaching mode*	Assessment type	Criteria
project	mark-based	<i>A passing grade or higher on the project.</i>

STUDENT WORKLOAD

ECTS weighting							
	Activities	Student workload					Unit
		W	C	L	P	S	h
1.	Scheduled contact hours				75		
2.	Other (office hours, exams)				2		h
3.	Total number of contact hours	77					h
4.	Number of ECTS credits for contact hours	3,08					ECTS
5.	Independent study hours	48					h
6.	Number of ECTS credits for independent study	1,92					ECTS
7.	Practical hours	125					h
8.	Number of ECTS credits for practical hours	5					ECTS
9.	Total workload	125					h
10.	ECTS credits for the course <i>1 ECTS credit =25 student learning hours</i>	5					ECTS

READING LIST

1. Alexander Ch. *Język wzorców*. Gdańskie Wydawnictwo Psychologiczne. 2008,
2. Bańka A. *Społeczna psychologia środowiskowa*. Wydawnictwo Naukowe Scholar. 2002,
3. Chmielewski J. M. *Teoria urbanistyki w projektowaniu i planowaniu miast*. Oficyna Wydawnicza Politechniki Warszawskiej. 2001,
4. Corsini, J.M.O. (Jose Maria Ordeig), , *Urban Design. accessible and sustainable architecture.*, wyd. Monsa. 2007,
5. *Elementy analizy urbanistycznej*, praca zbiorowa, wyd. Politechnika Krakowska, TEMPUS. 1998,
6. Gehl J. *Życie między budynkami. Użytkowanie przestrzeni publicznych.*, wyd. RAM. 2009,
7. Gehl J. *Miasta dla ludzi.*, wyd. RAM. 2014
8. Gzell S. *Wykłady o współczesnej urbanistyce with English Suplement on Contemporary Town Planning*. Oficyna Wydawnicza Politechniki Warszawskiej. 2015,
9. Hall E. T. *Ukryty wymiar*. Warszawskie Wydawnictwo Literackie MUZA. 2001,
10. Krier L. *Architektura. Wybór czy przeznaczenie*. ARKADY. 2001,
11. Lynch K. *Obraz miasta*. Archivolta. 2011,
12. Neufert E., *Podręcznik projektowania architektoniczno-budowlanego*, Arkady, 2011Warszawa
13. Piotrowicz D. *Podręczny słownik polsko-angielski dla studentów architektury. Reference Polish-English dictionary for students of architecture*. Wydawnictwo Politechniki Świętokrzyskiej. 2017,
14. Rogers R.&Power A. *Cities for a small country*, wyd. Faber&Faber. 2000,
15. Syrkus H. *Społeczne cele urbanizacji*. Człowiek i środowisko. PWN. 1984,
16. Schneider-Skalska G. *Kształtowanie zdrowego środowiska mieszkaniowego. Wybrane zaganiaenia*. Wydawnictwo PK, Monografia 307. 2004,
17. Schneider-Skalska G. *Środowisko Mieszkaniowe-Housing Environment*. Wyd. KKŚM, WAPK. 2006 i 2007,
18. Vale B. I R. *Green Architecture*, Bulfinch Press. 1991,
19. Wejchert K. *Elementy kompozycji urbanistycznej*. Arkady. 1984,
20. Wines J. *Green Architecture*, Taschen. 2000,
21. Zumthor P. *Myślenie architekturą*, wyd. Karakter. 2010,

Lektura uzupełniająca: czasopisma fachowe polskie i zagraniczne