

# Tadeusz Kosciuszko Cracow University of Technology

## Course Card

Faculty of Civil Engineering

Field of study: Civil Engineering

Study profile: general academic

Study form: full-time

Field of study code: BUD

Study cycle: 1st

Specialty: no specialty

### 1 COURSE INFORMATION

Course name	Architektura i urbanistyka
Course name in English	Architecture and Urban Design
Course code	WIL BUD oIS C20 24/25
Course category	Basic
No. of ECTS points	2.00
Semester	2

### 2 CLASS TYPE, NUMBER OF HOURS ACCORDING TO THE STUDY PLAN

Semester	Lecture	Class exercise	Laboratory	Computer lab	Design exercise	Seminar
2	15	0	0	0	15	0

### 3 COURSE OBJECTIVES

**Objective 1** Understanding of architect role in design process as future main partner for civil engineer

## 4 PREREQUISITES IN TERMS OF KNOWLEDGE, SKILLS AND OTHER COMPETENCES

- 1 Technical drawing
- 2 computer graphics
- 3 Building materials
- 4 Fundamentals of civil eng

## 5 LEARNING OUTCOMES

**LO1 Knowledge** teamwork

**LO2 Skills** Knowledge of architectural language and importance of aesthetics in building design

**LO3 Knowledge** ability to make thoughtful decisions in the fields of civil. eng. to improve building standard

**LO4 Skills** Enlarging of students professional knowledge as future civil eng.

## 6 COURSE CONTENT

Lecture		
No.	Subject matter of the course Detailed description of thematic blocks	No. of class hours
<b>L1</b>	connection between form, function and structure; humanization of technical studies; art, paint, interior design	2
<b>L2</b>	Relation between architecture and place (location), time (arch. style) and local influences	5
<b>L3</b>	Main architectural trends in recent years based on author's slides	8

Design exercise		
No.	Subject matter of the course Detailed description of thematic blocks	No. of class hours
<b>P1</b>	Conceptual design of individually chosen architectural object. Project scope is adjusted to delivery format (model, drawings) enough to explain designed concept (form, function, structure)	15

## 7 TEACHING TOOLS

- N1** Lectures
- N2** Design exercise
- N3** presentations

N4 discussion

N5 consultations

N6 Team work

## 8 Student workload

Activity form	Number of hours of activity
<b>Hours realized in contact with the teacher</b>	
Hours resulting from the study plan	30
Consultation hours	0
Exams and tests during session	0
<b>Hours of autonomous student work</b>	
Preparing for classes, studying literature	30
Developing results	0
Preparing of reports, projects presentations, discussion	0
<b>Total number of hours devoted to the subject</b>	<b>60</b>
Total number of ECTS points	2.00

## 9 Methods of grading

### Partial grades

F1 Individual Design

### Summary grade

P1 Average mark

### Conditions for passing the course

L1 project delivered on time, according to agreed scope

L2 accumulation of knowledge from lectures