UNIWERSYTET
Andrzeja Frycza Modrzewskiego
w Krakowie

SUBJECT CARD

1. Basic information

Subject	Elements of Composition and Analysis in Urban Design
Faculty	Architecture
Field of study	Urban planning
Specialisation	Designing single-family housing architecture complexes in an urban context
PQF level	PQF Level 6
Level of studies	First-cycle (Bachelor's) studies
Form of studies	Full-time
Group of activitics	-
Number of ECTS credits	4
Subject type	Elements of Composition and Analysis in Urban Design
Total numer of hours	90 hours – Practical Classes
Didactic cycle	2025/2026
Academic semester	Winter semester
Academic year	2026/2027
Education profile	General academic
Year of implementation	2025/2026
Language of instruction	English
Person responsible for the subject	mgr inż arch Mikołaj Iwańczuk

Semestrer, number of ECTS credits, class type, number of hours

Semestrer	Lecture	ECTS
Winter	·	4

2. Subject objectives

C1	Acquisition of the ability to properly design a small complex of single-family residential buildings and to present the project in a clear and communicative manner.

3. Prerequisites

none

4. Learning content

W1	Knowledge: The student knows the basic principles of urban composition, spatial analysis, and the functional and environmental factors shaping urban spaces.	EUK6_W2
U1	Skills: The student is able to develop a small-scale urban design project, applying analytical and conceptual methods, and present it clearly using visual and verbal tools.	EUK6_U6
K1	Social competence: The student demonstrates responsibility, openness to feedback, and the ability to collaborate effectively in a team setting and present ideas publicly.	EUK6_K3

5. Treści programowe

Lecture (90 h.)

Code	Topic blocks (semester:winter)
	Design of a Single-Family Housing Complex with a Service Facility, covering an existing, undeveloped area.The area should not exceed 5 hectares. As part of the project, students are required to carry out the necessary pre-design analyses (including urban composition, relationships with adjacent areas, functional, transportation, environmental, and social analyses, etc.), conceptual drawings illustrating the shaping of building volumes and their mutual relationships, layout of circulation, green areas, recreation spaces, and basic services. **Scope:** Urban design concept, urban cross-sections, land use balance, visualizations, physical model, technical site development drawing of a selected part of the area.

6. Teaching methods

Lecture	
	Brainstorming – M3, Discussion – M6, Project Work – M15, Group Work – M16, Case Study – M19, Problem-Based Learning – M20, Practical Classes – M23

7. Student workload

Form of student activity	Student workload
Lecture	**90 h.**

Including the e-learning method::	**0 h.**

Total workload	
Exercises conducted in groups on-site	**90 h.**
Student's individual work, including familiarization with subject literature, preparation of a short presentation on a selected topic in the field of urban planning (a 10–15 minute talk delivered publicly in front of fellow students), and the development of a semester project.	**10 h**
Total number of hours for the course	**100 h.**
Total number of ECTS credits	**4 ECTS**

8. Evaluation criteria

Course completion criteria:

Lectures (Final exam/Final pass)	
Grade 5:	Attendance in class, submission of a complete project on time. Very good graphic presentation. Submission of all required design assignments and presentations, with partial grades of 5.
Grade 4,5:	Attendance in class, submission of a complete project on time. Correct graphic presentation. Submission of all required design assignments and presentations, with partial grades of 4.5.
Grade 4:	Submission of a complete project on time, attendance in class, correct graphic presentation. Submission of all required design assignments and presentations, with partial grades of 4.
Grade 3,5:	Attendance in class, submission of a complete project on time. Correct graphic presentation. Submission of 3/4 of the required design assignments and presentations.
Grade 3:	Attendance in class, submission of a complete project on time. Correct graphic presentation. Submission of at least half of the required design assignments and presentations.

9. Reading materials

Course reading materials

- “A Pattern Language: Towns, Buildings, Construction” Christopher Alexander, Sara Ishikawa, Murray Silverstein
- “The Image of the City” Kevin Lynch
- “Urban Design: A Typology of Procedures and Products” Jon Lang

10. Additional information for students

The classes are conducted in pairs – one of the goals of the course is to strengthen collaboration

skills among students.

11. Information about academic teachers

Lectureer(s)

mgr inż arch Mikołaj Iwańczuk