



Słoneczne Kartuzy

Semester

5

Urban Design III

ECTS

3.0

Degree level: B.Eng.

2026/2027

Department offering the course

Department of Urban Transformation

Teaching Staff:

dr hab. inż. arch. J. Martyniuk – Pęczek, prof. PG

dr inż. arch. M. Rembeza

Short description of the course topic:

The course will address two key issues related to shaping the identity of a district through mid-urban development. The interdisciplinary teaching team will introduce topics concerning the formation of urban structures based on contemporary trends in urban design.

The classes will be conducted in three different formats: seminars, workshops, and design exercises. The seminars aim to introduce the topics of city and neighborhood planning, including the concepts of “Walkable Cities” and “Compact Cities.” The design exercises and workshops will be carried out using the comparative analysis method. The course will include an analysis of the morphology of the urban fabric and its influence on spatial development, with particular emphasis on urban indicators.

The outcome of the course will be a multifunctional design of a mid-urban building complex. Emphasis will be placed on consciously and multidimensionally shaping the spatial relationships between the new complex, the existing development, and the local social infrastructure.

Course content / class schedule:

- Overview of course organization and introduction to the project topic; project context
- Principles of district functioning – local context in relation to global trends
- Contemporary housing offer – lifestyle and land use patterns
- Vision for site development
- Detailing the vision for site development
- Shaping the composition of the building complex
- Concept design of the project area including spatial zoning
- Concept design of the project area – exploration of functions and forms
- Concept design of public space as the compositional core of the project
- Submission of project – public presentation of the design