



Semester: 6	Urban Design IV studio	ECTS: 4
Level: Engineer		Ac. year: 2025/2026

Department:
Spatial Planning Department (Architecture)

Tutors:

dr inż. arch. Justyna Breś

Course objective:

As part of the course, students of the VI semester of engineering studies become familiar with issues related to the design of functional and spatial structures, using the Stogi district in Gdańsk as a case study. The aim of the design studio is to learn skills related to planning for the development of a multifunctional urban fabric in the context of a port city. An important element of the design task will be the consideration of the dynamic port-city relationship.

The project will be developed by students working in groups of four. As part of the design studio, student groups will prepare an urban design concept for an area located within the port buffer zone in the chosen area in Stogi district in Gdańsk.

Innovative residential–port cluster in the buffer zone of the Gdańsk Marine Port

The subject of the design studio will be the preparation of an urban design concept for an area located at the interface between port and urban fabric in Stogi district. Both of these districts are of industrial and residential character, located in the north-eastern part of the city. On one hand, it is an area of growing economic potential related to various sectors of the maritime economy. On the other hand, it is a residential area, sensitive to flooding and exposed to nuisances caused by nearby industrial functions. District of Stogi constitute an important study area for urban design in the context of shaping sustainable port-city relations, redefining access to waterfront areas, and mitigating conflicts between port development and the quality of life of residents.

The design task will involve the development of a functional and spatial concept for an area located in the Stogi district, designated on the basis of detailed analyses. In the developed concept, particular emphasis will be placed on: the development of functions related to an innovative seaport based on the idea of Industry 4.0, as well as on mitigating the negative impacts of port operations from the perspective of district residents.

Scope of the project:

The design studio includes the development of the following issues:

- Analysis of site conditions and its connections at the city scale.
- Analysis of problems and values of the area at a scale of 1:5000, together with the definition of design guidelines.
- Vision for development of the district at a scale of 1:5000.
- Urban development concept for the selected area within the district at a scale 1:5000.

Indicative course schedule (might change slightly):

Class 1. Introduction to the course. Objectives and scope of the project. Discussion of the schedule. Preparation for work on urban analyses. Team formation.

Class 2. Site visit within the project area. Preparation of site analyses.

Class 3. Discussion of completed urban analyses. Group work on site diagnosis.

Class 4. Discussion of the analysis of problems and assets of the project area and identification of design guidelines.

Class 5. REVIEW 1 “Site analyses and analysis of problems and values” and commencement of work on the site vision.

Class 6. Work on the vision for the area’s development.

Class 7. REVIEW 2 “Urban vision” and commencement of work on the development concept – transport layout, public space system.

Class 8. Development of the land-use concept – building layout. Discussion of selected building typologies.



Class 9. Development of the land-use concept – discussion of the 3D model.

Class 10. REVIEW 3 “Urban design concept”

Class 11. Development of the land-use concept – detailing.

Class 12. Development of the land-use concept – detailing.

Class 13. Work on the concept and implementation of urban detail.

Class 14. Board layout and graphic design.

Class 15. Final semester project presentations.