

Semester VI	Module name	ECTS points 7
1st deg./ eng	Prediploma Project	Academic year: 2025/26

Department of Sustainable Design (KPŚ)

Tutors:

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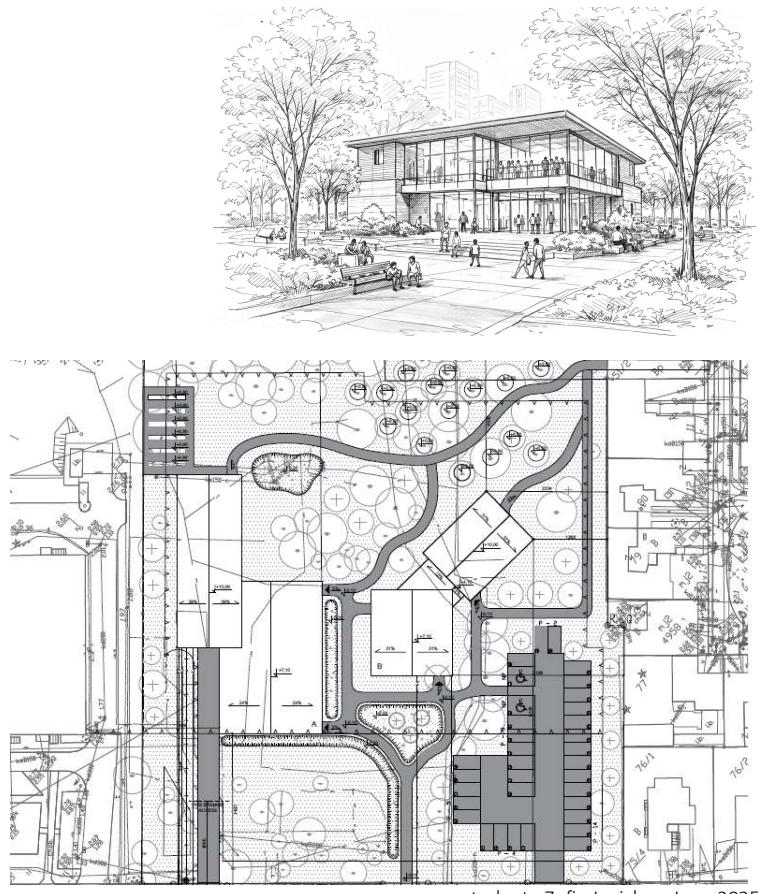
Community building design for city of Gdynia

The course focuses on the architectural design of a Neighbourhood House as a contemporary, non-commercial public building responding to social needs within the urban context of the **City of Gdynia**. The project is developed in scientific cooperation with municipal authorities and is grounded in current challenges related to community integration and local public space.

The key objective of the course is to design an inclusive and publicly accessible community facility that supports social interaction, neighbourhood initiatives, and everyday activities of residents, offering flexible and multifunctional spaces suitable for meetings, workshops, educational and cultural activities, as well as shared common areas encouraging informal social interaction.

The project adopts **community participation**, beginning with the identification of users' needs through a **residents' survey** conducted with the support of the City of Gdynia. The results of this research form the basis for defining the functional and spatial programme of the building.

The final designs will be presented at a **public exhibition organised by city of Gdynia**.



Aim of module:

The aim of the module is to develop students' ability to carry out a comprehensive architectural design process for a public building of neighbourhood scale, integrating spatial, functional, technical, and environmental considerations. The course prepares students to work with real planning and design constraints while developing clear and coherent architectural solutions.

Students acquire skills in analysing the size, scale, and functional requirements of a public building with an assumed usable floor area of approximately 1.500–2.000 m². The module places strong emphasis on site analysis and the interpretation of source documentation, including planning regulations, the Local Spatial Development Plan (MPZP), maps, and other formal and contextual constraints influencing the design process.

The course aims to strengthen students' competence in developing architectural concepts beyond the conceptual stage. In addition to **conceptual design**, students prepare selected **technical drawings**, architectural **detailing**, and a **technical specification** describing constructional, material, and functional solutions. Attention is given to the clarity, consistency, and professional standard of design documentation.

An important objective of the module is the introduction of environmentally responsible design strategies. Students are encouraged to consider efficient use of resources, sustainable material choices, and climate-responsive architectural solutions as integral elements of the design process.

The course will help students develop the ability to coordinate design work in close **collaboration with structural and building services disciplines**, gaining an understanding of interdisciplinary design processes. This coordination is carried out under the guidance of experienced industry professionals, reflecting real conditions of professional architectural practice.

Through the combination of analytical work, design development, technical documentation, and interdisciplinary coordination, the module aims to prepare students for independent architectural work and informed participation in multidisciplinary design teams.