

COURSE TITLE: ARCHITECTURAL DESIGN OF SERVICE BUILDINGS – NATURALLY SHAPED ARCHITECTURE (NSA 1&2)

Institute/Division: A2 Institute of Architectural Design, Chair of Environmental Architecture

Course code: IC20

Erasmus subject code: 02.1

Number of contact hours: 90

Course duration: 1 semester (Fall and/or Spring semester)

ECTS credits: 8

Course description: The aim of the course is to acquire competence in: (1) analysis of a simple real situation (multidimensional, physical, social, and cultural environment); (2) preparing architectural design project of minor complexity (e.g.: small stand, pedestrian bridge, sports hall, swimming pool, tourist hotel, and the like); (3) adapting structural solution to the designed space (obligatory work model). Naturally Shaped Architecture (NSA) means inclusive architectural design focused on the user, the user's needs, functional solution, and structure organically serving the designed space – the whole fitting the surroundings / environment. The course embraces site visit, visit(s) of new building sites, 2 design tasks pro semester (1 – introductory, 2 – main), 2-3 reviews pro semester, 3 invigilated sketch design exercises (*klauzura*), study and work models, final presentation. Students are urged to apply the pattern language technique in their design.

Literature:

- Alexander, Christopher *et al.*, *A Pattern Language*
- Gehl Jan, *Life Between Buildings*
- Lynch, Kevin, *The Image of the City*
- Neufert, Ernst, *Neufert Architects' Data*
- Pallasmaa Juhani, *The Eyes of the Skin: Architecture and the Senses*
- Rasmussen Steen Eiler, *Experiencing Architecture*

- Siegel Curt, *Structure and form in modern architecture*
- Zumthor Peter, *Thinking Architecture*
- Żórawski Juliusz, *O budowie formy architektonicznej* (in Polish)

Course type: Individual design work under supervision and tutorial + seminars

Assessment method: Evaluation of the final submission (design process, personal creativity & individual approach, presentation quality)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 3rd year students in Architecture

Tutors: J. Krzysztof Lenartowicz, Prof., Ph.D., D.Sc. Arch.;

Angelika Lasiewicz-Sych, Ph.D Arch.; Piotr Winskowski, Ph.D Arch.

Contact person: Prof. J. Krzysztof Lenartowicz, Ph.D. D.Sc. Arch.

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Deadline for application: beginning of the Fall or Spring semester (according to the schedule)