

RESIDENTIAL BUILDINGS: PROJECT 1

Code: RBLDP1bCBA

Course: III, Seminars: 90, ECTS 6,

The "**SINGLE FAMILY HOUSE**" project is being developed according to the Design draft provided by the Residential Buildings Department. The students pass through several stages of design including preliminary investigations of the context, critical analysis of contemporary housing design, elaboration and development of the architectural concept. The seminars are carried out individually or in groups by the leading lecturers. There are two mid-term reviews of the projects during the semester.

Acquired knowledge:

During the course, the students acquire knowledge about the specific characteristics of the single-family housing design and its relation to the environment. They learn how to analyze the existing context and how to implement the contemporary ideas for high quality housing design in their projects. Students also get acquainted with contemporary/modern materials and technologies. This knowledge helps students to enter the individual and modern architecture.

Assessment:

The assessment is PROJECT PRESENTATION at the end of semester.



RESIDENTIAL BUILDINGS: PROJECT 2

Course: IV, Seminars: 90, ECTS 6

The “**APARTMENT BUILDING**” project is based on the Assignment provided by the Department. It goes through several stages including feasibility studies, critical analysis of examples from contemporary practice, concept development and architectural idea development. Classes take place in individual and group consultations with the lead tutors. There are two intermediate reviews of the projects during the semester.

Acquired knowledge:

During the course, the students acquire knowledge about the specific character of the multi-family residential buildings design. They explore their typology and acquire knowledge about the functional links inside the apartments. The students learn how to design different multi-family residential types and forms. The project builds up a complex approach to the design of sustainable and accessible housing environment.

Assessment:

The assessment is PROJECT PRESENTATION at the end of semester.



RESIDENTIAL BUILDINGS: PRE-DIPLOMA PROJECT

Course: V, Seminars: 120, ECTS 12 (Pre-diploma I), 8 (Pre-diploma II)

Code I: RBLKP1bCSA
Code II: RBLKP2bCSA

The **pre-diploma project** in "Residential Buildings" is developed according to an Assignment provided by the Department. It goes through several stages including feasibility studies, concept development and developing the architectural idea to the conceptual design phase. Classes are conducted in individual and group consultations with the leading professors.

Acquired knowledge:

During the course students expand their knowledge of the different types of residential buildings for permanent and temporary habitation and the contemporary architectural trends in their design. The main emphasis is placed on the necessity to form an ecological and humane residential environment with its own specifics and identity meeting all needs of future inhabitants.

Students get understanding of the relationship between people and buildings, and between buildings and their environment, and the need to relate buildings and spaces between them to human needs and scale - the needs and aspirations of building users, the impact of buildings on the environment, and the precepts of sustainable design and the way in which buildings fit into their local context.

Themes:

- Low-Rise High-Density Residential Structure
- Hotel
- Holiday village
- Camping/Campsite
- Mixed Use Development
- Social/Affordable Apartment Building
- High-Rise Building
- Students' Dormitory
- Kindergarten
- Rehabilitation center
- Homes for elderly people
- Reconstruction/Renovation
- Suburban Gated Residential Complex

Assessment:

PROJEC PRESENTATION at the end of semester.

