

Faculty of Architecture

Department: Architecture and Urbanism

Professional area: Architecture, Civil Engineering and Geodesy

Major: Architecture

Educational-and-qualification Degree: Master

COURSE DESCRIPTION

1. **Course unit title:** Residential Buildings and Complexes - part 2 Theory
2. **Course unit code:** ARC 2151
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
5. **Year of study:** third
6. **Semester when the course unit is delivered:** sixth
7. **Number of ECTS credits allocated:** 3
8. **Name of lecturer:** Assoc. Prof. Alexander Slaev, PhD
9. **Learning outcomes of the course unit:** To acquaint students with the essence and meaning of residential environment as a direct and basic living environment in human life; the essence of the architectural design of one-family residential buildings, groups of one-family buildings and the residential environment; basic principles and the specificity of the architectural design with multi-family residential buildings; methodology and methodological approaches in designing multi-family residential buildings and the residential environment.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** It is necessary students to have passed the training in Residential Buildings and Complexes part 1 – One-family Residential Buildings and to be deep into the essence of the designer's work.
12. **Course contents:** The course trains students on the basis of the acquired knowledge about the nature, functions, compositional requirements and approaches how to solve problems connected with the design of residential buildings, multi-family residential building, residential areas, quarters and complexes of multi-family and one-family buildings.
13. **Recommended or required reading:**
 - Слаев, Ал. – Жилищни форми, КОТА, 2005,
 - Zhou, Jingmin – Urban Housing Forms, London 2006,
 - The Floor Plan Atlas – Schneider, Friederike, editor, 1994, четвърта редакция – 2011, Дамянов, Ангел – Жилищни сгради, Техника, София, 1978,
 - З.Г. Змеул и Б. А. Маханько в „Архитектурная типология зданий и сооружений”, Москва, 2006 г.,
 - Лисициан, М. В., и Пронин, Е. С., Архитектурное проектирование жилых зданий Издательство Архитектура –С, Москва, 2006,
 - Sherwood, Roger – Modern Housing Prototypes, 1981, University of Southern California,
 - <http://www.housingprototypes.org/>
14. **Planned learning activities and teaching methods:**

Lectures (30 hours), project assignment and contact hours (75 hours + 1210 hours out-of-class workload)

15. Assessment methods and criteria:

Assessment of the theoretical knowledge in Residential Buildings and Complexes 1 is carried out by doing 2 tests and an exam. Assessment of the acquired practical design skills is done by grading the clause and the project assignment.

16. Language of instruction: Bulgarian

17. Work placement(s): none