

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:** Constructions in Architecture - part 2
2. **Course unit code:** ARC2175
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
5. **Year of study:** fourth
6. **Semester when the course unit is delivered:** seventh
7. **Number of ECTS credits allocated:** 3
8. **Name of lecturer:** Assoc. Prof. Arch. Rosen Savov, PhD
9. **Learning outcomes of the course unit:** Systematizing the important architectural moments – functions, construction, composition and shape. Familiarizing with the phases of design and accomplishment of buildings, normative base, new materials and technologies.
Aims and objectives – Familiarizing students with a wide range of systematized issues whose solution have to give the engineering equipment a modern esthetic image.
Studying the requirements of EUR – the norms; acquainting the specialists in architecture who are not specialized in the case with the technical part of the examined equipment for diversification of the volumetric compositions of the complexes of city silhouettes and landscape; for novelty in the field of industrial architecture.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** The course requires basic knowledge of constructions in architecture.
12. **Course contents:**
Students will get knowledge of:
 - modern constructions in architecture,
 - thin-walled spatial constructions;
 - spatial cable-stayed and inflatable constructions, etc.
13. **Recommended or required reading:**
 - **Basic reading:**
Ениманев Кр. Архитектура на инженерните съоръжения С 2008 г.
Костов К. Архитектура на инженерните съоръжения Сф 1973 г.
Ангелов Ч. Архитектурни конструкции, част 1, Т, Сф. 1987г
Ангелов М. Архитектурни конструкции част 2 Т,Сф.1989г
Ениманев Кр. Сградостроителство и архитектура, С 2008 г.
 - **Additional reading**
Попов И. Технология на строителните процеси, Т, Сф 1989
Нэйферт, Норми за архитектурно проектиране, 1 и 2 част
Закон за устройството на териториите в РБългария, /ЗУТ/.
14. **Planned learning activities and teaching methods:** lectures
15. **Assessment methods and criteria:**
A written examination (test) with a possible discussion (if necessary).
16. **Language of instruction:** Bulgarian
17. **Work placement(s):**