

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 1 Theory
2. **Course unit code:** ARC2160
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:** fifth
7. **Number of ECTS credits allocated:** 3
8. **Name of lecturer:** Assoc. Prof. Arch. Rosen Savov, PhD
9. **Learning outcomes of the course unit:** Basic knowledge in the field of architectural constructions, definitions, classifications and ways of design.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** The course requires basic knowledge in architectural design.
12. **Course contents:**

Students will get knowledge of:

 - the requirements to building structures and the types of impact on them,
 - construction schemes and systems;
 - units of measure and modular coordination
 - transparent, semitransparent and solid double façade construction, etc.
13. **Recommended or required reading:**

Neufert - Architects' Data
"Fundamentals of Building construction"2008- Edward Allen, Joseph Iano
14. **Planned learning activities and teaching methods:**

The lectures (*2 hours per week, 15 weeks*) - are delivered under the form of multimedia presentations with suitable tables, graphics, photographs, video material, etc.
Contact hours (conventional form or conditions for individual contact hours) (*1 hour per week, 15 weeks*) are individual and are done by schedule.
Other methods – individual independent learning on given topics is encouraged.
15. **Assessment methods and criteria:**

A written examination (test) with a possible discussion (if necessary).
16. **Language of instruction:** Bulgarian
17. **Work placement(s):** on a building site after third year