

**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:** Occupational Safety and Safe Work Environment
2. **Course unit code:** TEC 2013
3. **Type of course unit:** optional
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. Tatyana Stoyanova, PhD
9. **Learning outcomes of the course unit:** The course aims at acquainting students in Architecture with the specifics of completing different construction processes and their characteristics; the risks for the health and life of the workers. Knowledge in the specifics and conditions of doing basic types of construction and building works is given. Knowing the normative base the future architects will be able to assess the risk, develop a plan for the safety and health with the obligations of the officials and require its strict fulfillment. As a result of the course students have to orient into the risk of doing construction and building work; will be able to design and take precautions for diminishing and liquidating the risks in doing basic types of construction and building works; to be familiar with the normative base and ensure its application in practice.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** Students need to have received the necessary theoretical and practical training in specific construction processes to have knowledge about reinforced concrete, steel and wooden constructions. They need to be acquainted with the requirements of the building construction.
12. **Course contents:** The lecture course acquaints students with the normative basis and requirements for labor protection and safe labor conditions in construction. The topics are examined according to the last normative documents and are adapted to the concrete peculiarities and the specifics of completion of construction processes. The future architects have to be acquainted with the development of plans in safety and health and the obligations of the officials resulting from the Fire Safety Law.
13. **Recommended or required reading:**
  - Закон за ЗБУТ - Д.В. бр. 124/23.12.1997 г. И Д.В. бр. 40/2007 г.
  - ISO 29001.
  - Наредба № 2/22.03.2004 г.
  - Петков Й., Технология на строителните процеси, С., 1978.
  - Попов Ив., Технология на строителството, В., 2008.
  - Петков Й. И колектив, Технология на строителното производство, С., 2008.
14. **Planned learning activities and teaching methods:** lectures, seminars, contact hours
15. **Assessment methods and criteria:** oral and written examination; the grade from the end-of-semester exam is formed as follows: written exam – 70%; continuous assessment – 30%;
16. **Language of instruction:** Bulgarian
17. **Work placement(s):** yes