

**Faculty of Architecture**  
**Department of Construction of Buildings and Structures**  
**Professional Area: Architecture, Civil Engineering and Geodesy**  
**Major: Fire and Emergency Safety of Buildings and Structures**  
**Educational and Qualification Degree: Master**

- 1. Course unit title: Radiation protection**
- 2. Course unit code: TEC 3007**
- 3. Type of the course unit: compulsory**
- 4. Cycle: specializing**
- 5. Year of study when the component is delivered: first**
- 6. Semester: first**
- 7. Number of ECTS credits allocated: 3**
- 8. Name of lecturer(s): Assoc. Prof. Galina Todorova, PhD**
- 9. Learning outcomes:** Knowledge required to remove accidents with real or potential radiation pollution. This activity is the responsibility of the employees in the Radiation Protection Department at the Directorate-General "Fire Safety and Protection of the Population"- Ministry of the Interior
- 10. Mode of delivery: face-to-face**
- 11. Prerequisites and co-requisites:** The course is based on the knowledge gained in the Bachelor's degree programme in Fire Safety and Population Protection at VFU "Chernorizets Hrabar" , as well as on the knowledge of natural and technical sciences.
- 12. Course content: Course content (annotation):** The course contains information on ionizing radiation physics and dosimetry, normative basis and rules on actions in case of removal of emergencies with sources of ionizing radiation.
- 13. Recommended or required reading and other learning resources/tools:**
  - . . . . . " )- 2012, . . . . . 2014 – . . . . .
  - . . . . . " . . . . . , 2003 . . . . .
  - . . . . . , . . . . . " . . . . . 2007 . . . . .
  - . . . . . , . . . . . " . . . . . , 2004. . . . .
- 14. Planned learning activities and teaching methods:** lectures, contact hours, self-study
- 15. Assessment methods and criteria:** The following elements are included in the assessment during the training: 10% attendance, 1 contest and / or

development of a term paper on an assigned topic (in case of very good results/scores - grade above 4.50 the student is allowed to exempt/ is exempted from the final exam) - 20% , final exam (test) - 70%.

**16. Language of instruction:** Bulgarian

**17. Placement:** none