

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:** Building Construction – part 2 Theory
2. **Course unit code:** CIE 2022
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
5. **Year of study:** second
6. **Semester when the course unit is delivered:** third
7. **Number of ECTS credits allocated:** 3
8. **Name of lecturer:** Assoc. Prof. Rosen Savov, PhD
9. **Learning outcomes of the course unit:** The course aims at achieving professional training when mastering knowledge and skills in architectural design, preparing drafts, designing architectural details.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** Students have to be successful in their project assignment in Building constructions 1.
12. **Course contents:** Floors – classification, basic requirements, floor structures, flooring. Suspended ceilings. Stairs. Balconies and loggias. Roofs: classification, parts of the roof. Sloped roofs – roof shapes and slopes; roof structures, coverings and cover sidings. Eaves and cornices. Gutters and drainpipes. Flat roofs – types, draining, details. Roof lighting. Doors and windows – types, glazing doors, windows and other elements of the building. Suspended facades. Finishing works.
13. **Recommended or required reading:**
 1. Сградостроителство, Ч.Ангелов, ДИ „Техника” 2009
 2. Архитектурни конструкции, М.Ангелов, ДИ”Техника”2005
 3. Архитектурни конструкции I част, П.Софиянски, 2010
 4. Архитектурни конструкции II част, П.Софиянски, 2011
 5. Ернст Нойферт, Архитектурно проектиране (Bauentfurts lehre), 2010
 6. Покривни остъклявания, Мл.Милянов, ДИ”Техника”, 1989 Преизд 2007
Курс от лекции по „Сградостроителство”, Мл.Милянов 2011-
 7. Свитьци за ксероксиране + DVD дискове
 8. Наклонени покриви, Ч.Ангелов, 2011
14. **Planned learning activities and teaching methods:** lectures, practical work, contact hours
15. **Assessment methods and criteria:** The project assignment is assessed by a commission of lecturers. Successfully prepared project assignment is a necessary condition to sit for the examination in Building Construction 2. The exam is written; it consists of two parts: a text problem from the synopsis and a practical drawing task.
16. **Language of instruction:** Bulgarian

17. **Work placement(s):** none