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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | **Faculty of Civil Engineering and Architecture** |
| **GENERAL INFORMATION** |
| Study program  | Architecture |
| Study Module (if applicable) |  |
| Course title | INTRODUCTION TO ARCHITECTURAL CONSTRUCTIONS |
| Level of study | Integrated studies  |
| Type of course | Obligatory  |
| Semester  | Spring |
| Year of study  | 1st  |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Veliborka B. Bogdanovic, Miomir S. Vasov |
| Teaching mode | Lectures Group tutorials  |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Introduction to basic concepts of architectural constructions and acquisition of knowledge about bearing structures of massive and skeleton structural systems of the buildings, from the point of use, location, shape, size and materialization. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The acquired general knowledge of architectural constructions of different structural systems in order to enable for designing, their implementation and execution of these structures and structural assemblies, as well as understanding and application of knowledge acquired in other courses. Course content: A brief overview of the development and application examples of architectural constructions, Functions and typology of architectural constructions, The basic structural building systems, Structural systems, The basic principles of skeleton buildings, The basic principles of masonry buildings, Connections of walls from brick and blocks, Design of multi-layer walls, Foundations of buildings, Isolation from moisture and water which is not under pressure in buildings with and without grounded rooms, The floors on the soil, Building insulation against water under pressure. |
| **LANGUAGE OF INSTRUCTION** |
| Serbian (complete course)  |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **5** | **Written examination** | **45** |
| **Practical teaching** | **25** | **Oral examination** | **15** |
| **Teaching colloquia** | **10** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |