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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 | REVITALIZATION AND CONVERSION IN ARCHITECTURE |
| Level of study | Integrated studies  |
| Type of course | Obligatory  |
| Semester  | Autumn  |
| Year of study  | 5th  |
| Number of ECTS allocated | 4 |
| Name of lecturer/lecturers | Turnšek AJ Branko, Associate Professor |
| Teaching mode | Lectures Group tutorials Individual tutorials Project work Seminar Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| To obtain the ability to understand and deal with the specific problems of buildings’ revitalization in the urban city structure and to participate in professional activities related to urban renewal as a broader scope. To present and promote interdisciplinary knowledge and scope in the field of buildings’ revitalization and urban renewal and regeneration To familiarize with the active models of buildings’ preservation and revitalization – functional conversion and interpolation, focusing on the research of possible various scenarios of developing underused urban areas. To gain the knowledge of the existing models of revitalization and conversion, as a current phenomenonTo obtain the ability to determine the theoretical framework and practical issues of such cases, their context: historical, social, urban, structural, visual, legal and economic.  |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Revitalization and conversion, terminology, historical background and urban regeneration scope. Brownfields – redevelopment and regeneration of underused and abandoned urban areas. Greenfields and brownfields – relation and differences. Historical context. Brownfields classification. Factors of the influence. Planning strategies in use. Agenda and principles of sustainability. Conversion, strategies and existing models (European experiences), advantages and disadvantages. Parameters of feasibility and sustainability – macro and micro location; environmental concern; social and cultural context; structural condition of the property; capacity of form, volume, architecture and structure; stakeholders interests, investors interests, planning instruments, grade system of architectural heritage protection. Conversion as a creative process – the role of architects, designers, future users. Case studies – conversion of industrial buildings, silos, public and residential buildings. Upgrading as a specific phenomenon. National and foreign experiences. Structural concerns regarding revitalization and conversion. Current status and developmental potential in Serbia. |
| **LANGUAGE OF INSTRUCTION** |
| Serbian (complete course)  |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **10** | **Written examination** |  |
| **Practical teaching** | **50** | **Oral examination** | **30** |
| **Teaching colloquia** | **10** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |