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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 | | | | SYNTHESIS PROJECT PUBLIC BUILDINGS | | |
| Level of study | | | | Integrated studies | | |
| Type of course | | | | Elective | | |
| Semester | | | | Autumn | | |
| Year of study | | | | 5th | | |
| Number of ECTS allocated | | | | 10 | | |
| Name of lecturer/lecturers | | | | Danica B. Stankovic, , Aleksandar P. Milojkovic, Milan D. Tanic | | |
| Teaching mode | | | | Lectures Group tutorials Individual tutorials  Project work Seminar Blended learning | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| Enabling the simulation of a comprehensive and holistic approach to the design of public buildings and understanding theirs complex programs. Furthermore, this process was established to coordinate the work and permeating all the activities during the designing phase, starting from the analysis of urban-technical conditions, to the final definition of the functional and constructive solutions, as well as overall urban and architectural assembly.  Developing the ability to work independently during the holistic process of architectural design. Gaining knowledge about the dynamics and content of the activities covered by the process of public buildings design, as well as the mutual coordination of certain aspects in the design of public buildings. Mastery of research methodology complementing it with the acquired experience in solving complex problems of design in a way close to contemporary architectural practice. | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| The program combines research and practical components of the comprehensive approach to the design of public buildings with complex purposes and functions. Each thematic unit is realized through the process of research in correlation with the formulation of the architectural program and analysis of all relevant influential factors, as well as regulations and specific requirements related to the functional organization of space, the structural system, form and materialization of public buildings.  Review, analysis and defining of the framework for the research of architectural organization of specific public spaces. Identifying topics of the research based on its relevance and justification in relation to the defined research.  The analysis of the topics covered by the theoretical framework, theoretical sources and relevant literature.  The typology and principles of construction.  Systematization criteria and critical evaluation in relation to the specific thematic framework (Case study).  The survey location (analysis of the urban and architectural characteristics of space)  A broader perspective of social, cultural, historical and other influences that have impact on the genesis of the observed space and urban architecture. Consideration of the influence that shape the initial architectural concept to a broader specific urban architecture assembly. | | | | | | |
| **LANGUAGE OF INSTRUCTION** | | | | | | |
| Serbian (complete course) | | | | | | |
| **ASSESSMENT METHODS AND CRITERIA** | | | | | | |
| **Pre exam duties** | **Points 70** | | **Final exam** | | | **Points 30** |
| **Activity during lectures** | **5** | | **Written examination** | | | **-** |
| **Practical teaching** | **5 + 50** | | **Oral examination** | | | **30** |
| **Teaching colloquia** | **5 + 5** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |