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| **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Mechanical Engineering |
| **GENERAL INFORMATION** |
| Study Program | **Engineering management** |
| Study Module (if applicable) | Transport and logistics management |
| Course Title | Logistics centers |
| Level of Study | ☐Bachelor | ☒Master’s | ☐ Doctoral |
| Type of Course | ☐Obligatory | ☒Elective |
| Semester | ☐Autumn | ☒Spring |
| Year of Study | I |
| Number of ECTS Allocated | 6 |
| Name of Lecturer/Lecturers | Dragoslav B. Janošević |
| Teaching Mode | ☒ Lectures | ☐Group tutorials | ☐ Individual tutorials |
| ☒ Laboratory work | ☒Project work | ☒ Seminar |
| ☐ Distance learning | ☐ Blended learning | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** |
| Introduce students to the theoretical and practical knowledge in the field of supply, distribution and logistics centers. Acquiring the knowledge and experience for solving the problems in the field of planning, design, construction and management of logistics centers within the supply chain and distribution. |
| **Syllabus (brief outline and summary of topics, max. 10 sentences)** |
| 1)Basics of logistics supply chains, 2)The types of logistics centers (LC),3)Macro and micro locationof LC, 4)The structure of freight-transport flows and transportation chains technology, 5)The structure of LC function, 6)The structure of the LC subsystem,7)Dimensioning of LC, 8)Economic assessment of feasibility of the LC construction, 9)Technologically - spatial characteristics of LC, 10)Cooperation in logistics chains through LC, 11)Commodity flows and the transportation-distributive chains in the networkof LC, 12)The methodology and models of optimization of logistic chains in the network of LC.  |
| **Language of Instruction** |
| ☒Serbian (complete course) | ☐English (complete course) | ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course) |
| ☒Serbian with English mentoring | ☐Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Assessment Methods and Criteria** |
| **Pre exam Duties** | **Points** | **Final Exam** | **Points** |
| **Activity During Lectures** | **5** | **Written Examination** | **0** |
| **Practical Teaching** | **5** | **Oral Examination** | **30** |
| **Teaching Colloquia** | **60** | **Overall Sum** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |