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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Technology, Leskovac |
| **GENERAL INFORMATION** |
| Study program  | Textile Technologies |
| Study Module (if applicable) | Industrial design of textile products  |
| Course title | Chemical textile technology  |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [x]  Autumn [ ] Spring |
| Year of study  | III |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | Dragan Djordjevic |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [x] Laboratory work [ ]  Project work [x]  Seminar [ ] Distance learning [ ]  Blended learning [x]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Students acquire the appropriate competencies and academic skills in the development and application of scientific and technical achievements related to the basics of chemical treatment, special finishing, dyeing of cellulose, protein and synthetic fibers.The knowledge is the basis for understanding the process of defining a chemical textile technology. Laboratory classes develop in students independence in work and responsibility for the terms of reference. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. Chemical finishing of cellulose textile material.
2. Chemical finishing of protein textile materials.
3. Chemical finishing of synthetic textile material.
4. Physical finishing of textile materials.
5. Dyeing of cellulosic textile material.
6. Dyeing of protein textile material.
7. Dyeing of synthetic textile materials.
8. Dyeing of mix.
9. Technological procedures of dyeing of textile materials.
10. Textile Printing.
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| **LANGUAGE OF INSTRUCTION** |
| [x] Serbian (complete course) [x]  English (complete course) [ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)[x] Serbian with English mentoring [ ] Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **10** | **Written examination** | **-** |
| **Practical teaching** | **10** | **Oral examination** | **50** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |