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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 | Textile Fibres  |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [x]  Autumn [ ] Spring |
| Year of study  | II |
| Number of ECTS allocated | 6 |
| 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)** |
| To provide proper competence and academic skills for the development of creative abilities necessary for practical and research work for further promotion and introduction to the scientific and technical achievements related to the field of textile raw-fiber.Training for independent participation in the field of analysis, synthesis and prediction solutions, mastering the methods, procedures and processes of research, development of critical and self-critical thinking and approach, solving specific problems in the field of textile raw-fiber. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. Fiber - Definition and systematization.
2. Plant fibers.
3. Fibers from seeds, peel, fruits, leaves.
4. Animal fibers.
5. Keratin and fibroin fibers.
6. Mineral fibers. Inorganic chemical fibers.
7. Organic chemical fibers.
8. Man-made fibers of regenerated natural polymers.
9. Man-made from modified natural polymers.
10. Synthetic fibers.
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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** | **15** | **Oral examination** | **50** |
| **Teaching colloquia** | **25** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |