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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Sciences and MathematicsDepartment of Chemistry |
| **GENERAL INFORMATION** |
| Study program  | Chemistry |
| Study Module (if applicable) |  |
| Course title | Organic chemistry in the surrounding phenomena  |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  |  ☐ Autumn ☒Spring |
| Year of study  | third |
| Number of ECTS allocated | 4 |
| Name of lecturer/lecturers | Olga Jovanović |
| Teaching mode | ☒ Lectures ☐Group tutorials ☐ Individual tutorials☐ Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The aim of the course is student's ability to explain phenomena in the surrounding using the knowledge referred to organic chemistry. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Spices, ascorbic acid, glucose, cellulose, nitro compounds, silk and nylon, phenol, isoprene, colors, "pill", witchesmolecule, miracle drugs, morphine, nicotine, caffeine, molecules against malaria, oleic acid, halogenated compound.Answer on the following questions:Why we cry when we chopped black onions?How does soap wash?Why intersection of apple browned upon standing in air? What is diesel and octane number of gasoline?What is decaffeinated coffee and why coffee keeps us awake? What is intolerance towards lactose?Which compounds give color to vegetables? Why smoking is harmful to our health? |
| **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** | 10 | **Written examination** |  |
| **Practical teaching** | 30 | **Oral examination** | 45 |
| **Teaching colloquia** | 15 | **OVERALL SUM** | 100 |
| **\*Final examination mark is formed in accordance with the Institutional documents** |