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| Study programmes: BACHELOR STUDIES - Mathematics | | | |
| Course name: Teaching Methodology in Mathematics B | | | |
| Lecturers: Zoran Kadelburg, Nebojša Lažetić, Miloš Arsenović, Miljan Knežević | | | |
| Status: Compulsory | | | |
| ECTS: 5 | | | |
| Attendance prerequisites: Analysis 1. | | | |
| Course aims: To acquire skills necessary for teaching the basis of mathematical analysis at school. | | | |
| Course outcome: Students should master the knowledge and skills necessary for quality teaching at school, related to the topics such as real numbers and elementary functions. | | | |
| Course content: Precise definition of the concept of a real number and its types. Introduction of elementary functions - power, exponential, logarithmic, trigonometric and inverse trigonometric functions, as well as the usage of their properties. | | | |
| Literature: | | | |
| 1. В. А. Илин, В. А. Садовничии, Б. Х. Сендов: Математический анализ, Наука, Москва 1979 | | | |
| 2. Textbook and workbook in mathematics for elementary and high schools. | | | |
| Number of hours: 4 | Lectures: 2 | Tutorials: 2 | Laboratory: - |
| Research: - | | | |
| Teaching and learning methods: Frontal / Tutorial | | | |
| Assessment (maximal 100 points) | | | |
| Course assignments | points | Final exam | points |
| Lectures | - | Written exam | 20 |
| Exercises / Tutorials | 30 | Oral exam | 30 |
| Colloquia | 10 | Written-oral exam | - |
| Essay / Project | - | | |