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| Study program : Class teacher Education |
| Type and level of studies: Bachelor studies |
| **Course unit: Methodology of Teaching Mathematics (upper primary)** |
| **Teacher in charge : dr Aleksandra Mihajlović, Associate Professor** |
| Language of instruction (*English or other foreign language*): English |
| ECTS: 5 |
| Prerequisites: |
| Semester *(Winter Semester or Summer Semester)* |
| **Course unit objective**to build students skills and abilities to successfully teach and organize mathematics instruction in grades five and six of primary school and to prepare them for permanent professional development |
| **Learning outcomes of Course unit**Upon completion of this course, students will be able to: know how children learn primary mathematics in grades five and six of primary school, know the content and how to teach it, plan and implement effective teaching and learning. |
| **Course unit contents** *Theoretical and practical classes****Part 1 (3 credits):*** Psychological aspects of mathematics teaching in upper grades of primary school. Methodological approach to teaching upper primary mathematics contents in grade 5.***Part 2 (2 credits):*** Methodological approach to teaching upper primary mathematics contents in grade 6. Lesson planning in primary mathematics teaching. Some organizational aspects of primary mathematics teaching. |
| **Literature**Teaching student-centred mathematics : grades 3-5 / John A. Van de Wale ; Louann H. LovinMaterials from lectures |
| **Number of active teaching hours** | **Other classes**  |
| Lectures (including tutorials):8x2hrs | Practice: | Other forms of classes: | Independent work: 40 hrs |
| **Teaching methods** 8 x 2hrs Lectures (including tutorials, class is a combination of theoretical and practical activities), Independent Study |
| **Examination methods (** **maximum 100 points)** |
| **Exam prerequisites** | **No. of points:** | **Final exam**  | **No. of points:** |
| Student’s activity during lectures |  | oral examination |  |
| practical classes/tests |  | written examination |  |
| 2x1 word project | Total Marks 100 | *..........* |  |
| Project |  |  |  |
| Other |  |  |  |
| **Grading system** |
| **Grade** | **No. of points** | **Description** |
| **10** | **....** | Excellent |
| **9** | **....** | Exceptionally good |
| **8** | **....** | Very good |
| **7** | **....** | Good |
| **6** | **....** | Passing |
| **5** | **....** | Failing |