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|---|---------------|----------------------------|---------------------|
| <b>Study programme(s):</b> Master in Mathematics Teaching (MP)  |               |                            |                     |
| <b>Level:</b> master  |               |                            |                     |
| <b>Course title:</b> School practice (MP-06)  |               |                            |                     |
| <b>Lecturers:</b> Siniša Đ. Crvenković, Rozália S. Madarász-Szilágyi  |               |                            |                     |
| <b>Status:</b> obligatory   |               |                            |                     |
| <b>ECTS:</b> 6  |               |                            |                     |
| <b>Requirements:</b> none   |               |                            |                     |
| <b>Learning objectives</b><br>The goal of the course is to prepare the students for teaching of mathematics in elementary and high schools. In this course students will get familiar with current plans and programs in school, as well as the contents of the exam Mathematics from the first grade.  |               |                            |                     |
| <b>Learning outcomes</b><br>The ability to adapt the knowledge acquired at the university for successful teaching of mathematics in elementary and high schools. Students get the ability to solve non-standard problems and successfully run the classes for talented students in elementary and high school.  |               |                            |                     |
| <b>Syllabus</b><br>The course includes the following: <ol style="list-style-type: none"> <li>1. Getting familiar with the contents of the exam Mathematics in elementary and high schools under current plans and programs.</li> <li>2. Adapting the knowledge acquired at the university from various branches of mathematics for successful teaching of mathematics in elementary and high schools. The close attention is paid to the preparation for the work with slower and talented students in elementary and high school.</li> </ol> |               |                            |                     |
| <b>Literature</b> <ol style="list-style-type: none"> <li>1. B. Pavković, D. Veljan, <i>Elementarna matematika, 1,2</i>, Školska knjiga, Zagreb, 2004</li> <li>2. S. Arslanagic, <i>Matematika za nadarene</i>, Sarajevo, 2004.</li> <li>3. S. Crvenković, <i>450 godina velike veštine</i>, Prosvetni pregled, Beograd, 1996.</li> <li>4. I. Lakatoš, <i>Dokazi i opovrgavanja</i>, Školska knjiga, Zagreb, 1991.</li> <li>5. R. Tošić, <i>Matematički problemi 97</i>. Arhimedes, Novi Sad, 1997.</li> </ol>                                 |               |                            |                     |
| <b>Weekly teaching load</b>   |               |                            | Other: 0            |
| Lectures: 0   | Exercises: 6  | Other forms of teaching: 0 | Student research: 0 |
| <b>Teaching methodology</b><br>Classical methodology of teaching with maximal engagement of students. Experimental classes. Students' presentations of some of the chosen topics.   |               |                            |                     |
| <b>Grading (maximum number of points 100)</b>   |               |                            |                     |
| <b>Pre-exam obligations</b>   | <b>points</b> | <b>Final exam</b>          | <b>points</b>       |
| Colloquia   | 60            | Oral exam                  | 40                  |