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| Department  | DEPARTMENT OF TEACHER AND PRESCHOOL TEACHER EDUCATION |
| Courses offered in a foreign language in the academic year 2023/24 |
| Title of the course | METHODICS OF TEACHING MATHEMATICS 1 |
| Name of the teacher | Maja Cindrić |
| Number of ECTS credits | 3 | Semester | [x]  autumn/winter | [ ]  spring/summer |
| Teaching will be organized as | Lectures | [x]  yes □ no | Consultations | [x]  yes □ no |
| The courses will be organized as | Lectures | Seminars | Exercises |
| [x]  yes [ ]  no | [ ]  yes [ ]  no | [x]  yes [ ]  no |
| Description of the course | Understanding and learning of basic mathematical concepts on the elementary level and accessing the concepts in terms of modern theory of teaching and learning in mathematics. |
| Learning outcomes of the course | Students will be able to:1. enumerate principles relevant to the teaching of mathematics
2. comment on the importance of principles in the teaching of mathematics
3. enumerate methods in mathematics
4. define mathematical literacy
5. methodically describe the development of the concept of number through the teaching of mathematics in lower grades
6. methodically describe the development of the concept of arithmetic operations through the teaching of mathematics in lower grades
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| The course is offered to | Incoming students who choose the above department as a home department  | [x]  yes [ ]  no |
| All the incoming students regardless of the chosen home department at UNIZD | [x]  yes [ ]  no |
| UNIZD students enrolled at the above department as an elective course | [ ]  yes [ ]  no |
| All UNIZD students as an elective course | [ ]  yes [ ]  no |
| The course will be offered for distance learning (virtual mobility) | No | [x]   |
| Only if the frontal (live) teaching will not be possible | [ ]  |
| Together with the frontal (live) teaching  | [ ]   |

The form should be filled out in English and/or other languages in which the courses are

offered in