

Study programme: Master in Mathematics Teaching (MP)
Level: Master
ECTS: 15
Prerequisites: Minimum of 120 ECTS acquired and all compulsory courses of the study programme passed.
<p>Goals of Graduation Thesis:</p> <p>The student has to prove that she/he is capable to perform research on a specific subject that demonstrates their knowledge acquired through this master programme.</p>
<p>Expected outcomes:</p> <p><i>Minimal:</i> Successful students can demonstrate a) minimal application of principles and theoretical foundations acquired during studies, b) minimal progress in knowledge and c) minimal knowledge of the research situation in the field of the graduation thesis.</p> <p><i>Desirable:</i> Successful students can demonstrate a) appropriate application of principles and theoretical foundations acquired during studies, b) significant improvement in knowledge and c) in-depth knowledge of the research situation in the field of graduation thesis.</p>
<p>General contents:</p> <p>Individual work of the candidate on the topic he/she chose from the list of available topics. Graduation thesis describes the final project on which a student works during a predefined timeframe. Attention should be paid to the following:</p> <p>a) Graduation thesis should contain the description of the development of the project, obtained results, and description of the applied methods;</p> <p>b) Graduation thesis has to obey the scientific writing style. The literature has to contain refereed texts (papers and books) and must not contain only references from the Internet which are not reviewed;</p> <p>c) Graduation thesis, apart from the main results connected with the topic, should also contain the overview of the basic results from the narrow field to which a graduation thesis belong. In this way a student demonstrates knowledge of the research situation in the field;</p>
<p>Methods:</p> <p>a) Time frame for the completion of the project is predefined, but can be extended under some circumstances and followed by appropriate elaboration (by the defined procedure).</p> <p>b) With the approval of the advisor, the candidate can fill in the application form for the topic of the thesis and submit it to the Board of the Department of Mathematics and Informatics right after signed activity plan.</p> <p>c) The progress on the project has to be officially conducted by the mentor. The mentor gives a critical note of the process, considers reasons for a potential delay, and provides advice.</p> <p>d) The advisor is available to the candidate for all other discussions and advice.</p> <p>e) The mentor is obliged to read the final project and the written thesis at least once and, based on this, to provide the candidate with opinion about it.</p> <p>f) The candidate is fully responsible for the final project and the graduation thesis.</p> <p>g) No later than the expiration of deadline, candidate hands in the project and the written thesis to the responsible authorities of the Faculty/University. After that, the final project and the thesis are distributed to the Evaluation Board members at least 10 days prior to the defence date.</p> <p>h) The Evaluation Board meets before scheduling the date of the defence and approves the defence of the graduation thesis. After that, candidate schedules the defence date.</p> <p>i) Student presents the basic results of his/her research and answers the questions of the Evaluation Board in public.</p>

Grade (maximum number of points is 100)
Quality of the graduation thesis: 70 points. Quality of written and oral presentation: 30 points.