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# Mathematic Education

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Programme of study: **Mathematics Education**

Guarantor of the programme of study: doc.RNDr. Naďa Vondrová, Ph.D.

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## **Characteristics of the Studies**

Doctoral study program Didactics of Mathematics focuses on the preparation of scientists and conceptual workers with competencies for scientific research in the didactics of mathematics and the analysis and evaluation of curricular curriculum content, including teacher training universities.

## **Entrance Examination**

Candidates for doctoral studies in Didactics of Mathematics are expected to:

- show interest in mathematics education in general (for example, by taking part in scientific conferences and conferences for teachers),
- have an overview of the most important scientific journals and books related to mathematics education,
- have an idea of the area of mathematics education they are willing to focus on in their studies and be able to specify it in a written project of up to 10 pages (including tentative research questions, methodology and theoretical background and a list of references).

### Entrance Examination

- Discussion about applicant's research projekt proposal. The research project must be sent together with the application to the Department of Science, Faculty of Education, Charles University. The quality of the project is important in order to be assessed by the entrance committee, which will evaluate the candidate's readiness to do research in mathematics education.
- Discussion about the references from the candidate's list of scientific literature on mathematics education (must be sent together with the application).

**Evaluation Criteria:** he applicant can get a maximum of ten points, the number of points for the admission to study is getting at least seven points.

## **Candidates are admitted to study if they meet all admission requirements**

- a) officially-verified certification of completed undergraduate degree (Master's degree programme)
- b) to pass an entrance examination, reach minimum number of point determined by the Dean,
- c) to meet any other requirements specified by a given field of study.