

## Information about Math Test of Caucasus Doctoral School

Applicants interested in doctoral programs should successfully pass Admission Test in Math. The aim of this test is to determine the ability of candidates to undertake PhD study.

The Admission Test is delivered in English and contains quantitative questions and critical reasoning questions.

The quantitative questions require knowledge of the following:

- Arithmetic
- Elementary algebra
- Commonly known concepts of geometry
- Basic probability
- Commonly known concepts of calculus (including derivatives)

These types of questions are designed to test applicants' basic mathematical skills and understanding of elementary mathematical concepts, as well as ability to reason quantitatively, solve quantitative problems, and interpret graphic data.

Critical reasoning questions are designed to test the reasoning skills involved in making arguments, evaluating arguments, and formulating or evaluating a plan of action.

Math test will be graded by 100 points.