

# Mathematical Analysis and Function Theory

Ural Federal University named after the first President of Russia B.N. Yeltsin

Degree or qualification is awarded: **Kandidat Nauk (Candidate of Sciences)**

Language of study: **English**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **1 750 USD per year**

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The fields studied in this program include extremal problems for differentiable functions, approximation of unbounded operators by bounded ones on sets of functions of one and many variables, various properties of polynomials and entire functions, in particular, inequalities for norms of derivatives, positive definite functions and their application in extremal problems for spherical codes, the study of some linear operators (differentiation, interpolation and others) on the sets of polynomials and entire functions in different norm spaces, obtaining generalizations of classical inequalities of Bernstein, Markov, Szego and etc.

## **Specializations within this programme**