



STRENGTHS OF THE INTERNATIONAL MASTER'S PROGRAM

Elements of statistics

Natural and artificial intelligence

Machine learning

Artificial neural networks

Applied data science in digital projects

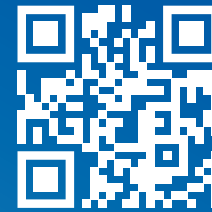
Data collection and preprocessing using specialized Python libraries

Modern storage and data processing hardware

Network architecture and modern networking solutions for data science



CONTACT INFORMATION



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MISIS
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Building
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DATA SCIENCE

PROFESSIONAL NAVIGATION AND ADMISSION DEPARTMENT



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2024



The biennial Master's program in English is devoted to research in the field of Data Science. The knowledge gained through this program will allow graduates to work in various companies around the world. In any branch of human activity, it is necessary to process data, find hidden patterns and predict the future behavior of an object according to its past state. This is all a specialist area of expertise in Data Science.

In addition to theoretical training, much attention is paid to practical exercises.

The educational process uses modern technology and teaching aids. Modern computer labs, multimedia lecture halls, classes for mathematical modeling, unlimited access to the digital library, modern e-learning and distance learning technologies used in the developing process of this program will help to successfully earn your Master's degree.

SKILLS

- CRITICAL THINKING
- SYSTEM THINKING
- CREATIVITY
- PYTHON CODING
- SQL DATABASE/CODING
- MACHINE LEARNING AND AI
- DATA VISUALIZATION
- PROCESSING UNSTRUCTURED DATA



Professor Andrey Petrov
PhD & DSc

Academic rank: professor of National University of Science and Technology MISIS since 2008.
Fields of research interest: Tensor Method of Dual Networks in Systems Theory.



Assoc. professor Denis Kalitin
PhD

Research interests include machine learning, artificial neural networks, graph theory, simulation modeling.



Nikolay Zakharov

Leading Russian expert in web analytics, online marketing and digital product development based on data analysis. Currently developing his own Internet platform in the US market.

NUST MISIS IS ONE OF THE LEADING AND MOST DYNAMIC UNIVERSITIES AND R&D CENTERS IN RUSSIA

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Excellent research base and close relations with R&D centers and universities around the world

World-leading and top Russian scientists and professors

High demand occupations

Top-notch infrastructure

International student support office and International Friendship Club student organization

Friendly international atmosphere

Strong relations with the largest Russian and international companies – Metalloinvest, Rosatom, Evraz, IBS, Gazprom, etc.

