



Undergraduate program **Information Systems** **and Big Data**



Tatyana Mirolyubova

Dean of the Economics Faculty of
the Perm State University,
Doctor of Economics, Professor

"Russian mathematical education is a global brand. Just like "Russian ballet" or "Russian hockey". Come along to become a part of the brand!"

INFORMATION SYSTEMS AND BIG DATA



“Information Systems and Big Data” program was created to support the state program “Digital Economy of the Russian Federation”. Students are training in the universal education in three groups of disciplines: fundamental mathematics, computer science and mathematical modeling of economic phenomena and processes.

Professional training for students is provided by professors of the Department of Information Systems and Mathematical Methods in Economics at the Perm State University. According to the educational process traditions of the department, the main attention is paid to the problems of processing economic information, data analysis, mathematical modeling of economic processes and phenomena, economic interpretation of the results, management and decision making. This is the primary difference between this program and other programs, implemented in the Perm Territory

INFORMATION SYSTEMS AND BIG DATA

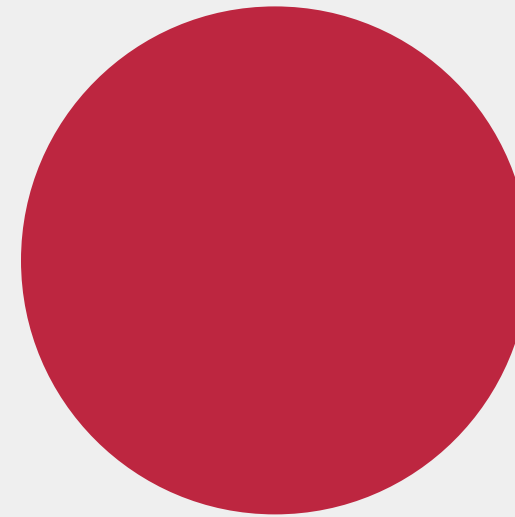


Much attention during the training is paid to scientific and research work. Students have the opportunity to complete coursework projects and final qualifying work in the International Laboratory of Constructive Methods for the Study of Dynamic Models, headed by Doctor of Physical and Mathematical Sciences, Professor V.P.Maximov. The research of the Cryptoeconomic laboratory and blockchain systems, which is headed by the candidate of economic sciences, associate professor S.V.Ivliev, is very popular.

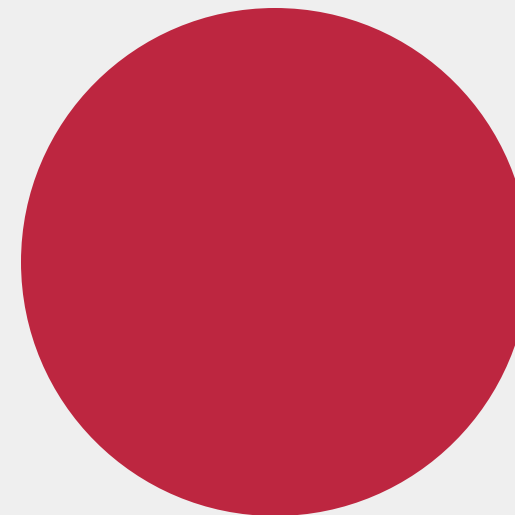
Graduates of the program are in demand in large business companies that are actively developing their analytical services, as well as in IT companies specializing in the creation and implementation of analytical systems in the field of economics.

ENTRANCE TESTS

**INFORMATION SYSTEMS
AND BIG DATA**



Mathematics



English

TOP 5 MAIN DISCIPLINES

Information systems development
and big data analysis

Mathematical modeling in
Economics

Econometrics

Data analysis and machine learning

Theory of optimal control

Uniqueness of the program

- cryptoeconomic and blockchain technologies;
- modeling of financial markets;
- computer business simulation;
- modeling of socio-economic processes;
- world-class education at the junction of three areas of knowledge: economics, mathematics and information technology;
- machine learning, neural network technology;

EMPLOYMENT OPPORTUNITY

100%

In the first year after
graduation from the specialty



EMPLOYERS



PARMA
Technologies Group



Lykke



INLINE
Technologies Group

GRADUATES



Maxim Reshetnikov

Minister of Economic Development of the Russian Federation. A graduate of the specialty "Mathematical Methods in Economics", 2000. PhD in Economics.



Dmitry Andrianov

Full Member of the Russian Academy of Natural Sciences, Doctor of Physical and Mathematical Sciences, Founder and CEO of an international IT company



Sergey Ivliev

Head of the Laboratory of Cryptoeconomics and Blockchain Systems of PSU, Regional Director of Professional Risk Managers 'International Association,

Professors of the department of
information systems and mathematical
methods in economics



ПЕРМСКИЙ
УНИВЕРСИТЕТ

Классика будущего





WE ARE ALWAYS WAITING FOR YOU!

international@psu.ru
filimonova_ek@mail.ru



+7 (909) 117 27 57