

Division: *School of Economics and Management*

Academic programme: *38.04.05 Business Informatics, Business Analytics in Economics and Management*

Mode of study: *full-time*

Programme length: *2 years*

Programme level: *Master's degree*

Language of instruction: *Russian*

Programme description: *Data analysis is a necessary condition for decision-making in modern business. Data is taken from open sources (social networks, online stores, information platforms).*

The tasks of a business analyst are connected with searching, extracting, preparing and structuring of data arrays; aggregating and analysing the received data; building economic models; testing models; checking the reliability of the work of the model and its adjustment; applying solutions in the activities of an organization.

The graduates of the programme are able to conduct independent scientific research in the spheres of economics and IT. They can be employed in public and private sectors of economics as system architects, system integrators, business analysts, IT managers, IT consultants, IT project managers, sales and service specialists, business development specialists.

Main programme-specific classes:

Computer Science section

- *Modern Technologies of Applied Programming and Data Processing*
- *Information Security*
- *Flexible Technologies of IT Project Management*
- *Information Technologies of Electronic Business Management*

Analytics section

- *Business Analytics*
- *Applied Instruments of Business Analysis*
- *Optimal Managerial Decisions*

Economics and Management section

- *Digital Transformation of Business*
- *Efficiency Evaluation of IT Projects*
- *Investment Management in IT Projects*
- *Strategic Analysis of IT Market*

Programme manager: *Sergey I. Borodin, Candidate of Sciences (Economics), Associate Professor of the Department of Digital Economics and Information Technologies*