

Digital Economy Technologies

Siberian Federal University

Degree or qualification is awarded: **Master**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **no**

Price: **188 584 RUB per year**

Programme webpage at the university website:

http://edu.sfu-kras.ru/sites/edu.sfu-kras.ru/files/oop/presentations/Prezentaciya_Cifrovaya_ekonomika-2018.pdf

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The degree program is **aimed** to train highly educated specialists in applied informatics able to design, implement, and adapt the sectoral information systems within the digital economy and development of Russian and global digital markets.

Program tasks:

- developing the general cultural and professional competencies for efficient research, analytical, engineering, and manufacturing activities in digital economy;
- solving problems of the digital transformation of the economy and management processes based on the development strategy of the digital platform of enterprises (organisations) and the best practices of information management.

The graduates can apply modern methods of managing digital platforms and understand mechanisms of influence of digital technology on managerial decisions, acquire skills of research in blockchain technologies, circulation of cryptocurrencies in the financial market, and transformation of business processes of enterprises to increase their competitiveness in the digital economy.

Competitive advantages for the graduates: the master program is designed to meet the professional standards and needs of employers. During training, the students learn to develop new business models based on using the opportunities of cutting-edge digital technology and cross-cutting technology of the digital economy. It is an interdisciplinary program with the focus on information, communication and digital technologies, methods and tools of applied informatics, fundamentals of economics, management and business.

The program develops three types of competences:

- general cultural and professional competencies: the ability to build intercultural network communications (social and professional), the ability to learn and improve, the development of initiative and entrepreneurial competencies;
- digital competences: the ability to efficiently use information and communication technologies in professional activities and communication the ability to plan and manage e-business projects and online entrepreneurship;
- professional competences: the ability to conduct research and analysis of the enterprise activity in the paradigm of the digital economy, create a strategy for the development of the digital platform of the enterprise in the modern global economy, conduct a search and analysis of innovations in the economy, management and ICT, conduct research to develop strategic solutions in ICT, advise on the development of digital business transformation and improvement of the digital business platform.

The courses within the master's program are given by specialists in the field of IT project management, information and economic security.

Employment: specialized units and services of automated monitoring and evaluation of industry organisations, services for managing the IT enterprises, departments for monitoring smart technologies, smart systems and smart

products of business entities of various forms of ownership, services for promoting organisations to new digital markets: AeroNet, Marinet, Helsnet, EnergyNet, Neuronet, and others, research organisations and information and analytical services, project management services for digital transformations in telecommunications, financial industry, power industry, trade and logistics, utilities and others.

Specializations within this programme