



*Field of Study:* **Information systems and technologies**  
*Major:* **Data Analysis and Digital Financial Technologies**

Ivanovo State University of Chemistry and Technology, Russia  
isuct.ru | vk.com/isuct | instagram.com/isuct.ivanovo

<b>Awarded degree or qualification:</b>	Bachelor
<b>Language of instruction:</b>	Russian (Preparatory Department for studying Russian language is available)
<b>Form of training:</b>	Full-time
<b>Duration:</b>	4 years
<b>Possibility of free training:</b>	Yes (see more)
<b>Contacts:</b>	international@isuct.ru +7 920 372 69 78    +7 4932 30 09 60

## 1. Programme description

Financial markets have recently undergone drastic changes. New information and financial technologies have emerged (roboadvising, block chain, crowdfunding, electronic payments, M2M payments, etc). The labobr market has a growing demand for specialists in the field of digital economy - new generation professionals who have a deep knowledge in the field of information technologies as well as the ability to apply them in Economics and Finance. The educational programme is aimed to train specialists in the field of data analysis and digital financial technologies. The training programme provides skills in the field of financial technologies, data management, economics, mathematical modelling as well as in system analysis.

## 2. Programme objectives

The graduate will be able to perform the following tasks:

- to perform labour functions related to the processes of organizations digital transformation;
- to integrate financial technologies into financial and credit organizations business processes and other areas;
- to develop and commoditize digital financial products;
- to perform data analysis using programming languages and other modern tools for working with data;
- to apply machine learning and distributed registry technologies in professional activities;
- to work with corporate information systems.



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### **3. The field of professional activity of graduates**

The professional activity of a graduate is aimed at implementing modern scientific and practical achievements in the field of digital economy. It is implemented in organizations of various industries, state and local authorities, research and educational institutions. A graduate will be able to carry out professional activities in organizations and enterprises which are related to the development of information technologies, networks, software development as well as production and operation of information technologies in various fields.

### **4. The educational programme trains:**

- financial technologists,
- business analysts,
- IT auditors,
- risk managers (underwriters),
- data analysis specialists (Data Scientist).

Students enrolled in this programme will become successful professionals with theoretical, analytical and practical skills. Graduates will be able to research, develop, implement and maintain information technologies and systems.

### **5. Major disciplines:**

- "Data Management"
- "Technologies of Distributed Systems: Block Chain"
- "Organization Financial Activities Modeling"
- "Financial Technologies"
- "It Project Management"