



Institute for Statistical Studies  
and Economics of Knowledge

# Science, Technology and Innovation Policy and Management

Master's Program

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# Science, Technology and Innovation Policy and Management

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<b>Duration of study</b>	2 years
<b>Mode of study</b>	Full-time education
<b>Field of study</b>	38.04.02 – Management
<b>Diploma</b>	Master in Management
<b>Language of Instruction</b>	English

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## Information on admission in 2024

State-funded places	Fee-paying places	Fee-paying places for international students
<b>25</b>	<b>10</b>	<b>10</b>

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## Entrance examination in 2024

### Competitive selection – portfolio

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[hse.ru/ma/sti](http://hse.ru/ma/sti)

Master's Programme Academic Supervisor

**Dr. Dirk Meissner,**

Distinguished Professor



*«Analyse, Anticipate and Innovate – these words express what we want you to achieve with our programme.»*

## About the programme

The English-taught master's programme prepares a new generation of specialists. It is included in the Top 10 most in-demand programmes of the HSE. It was developed in 2014 by the Institute for Statistical Studies and Economics of Knowledge (ISSEK) of HSE, a leading Russian and international center for research in science, technology and innovation.

In 2021 the programme was accredited European Foundation for Management Development (EFMD).

ISSEK carries out research and development, provides expert advice to federal and regional authorities, large companies (Gazprom, Rosneft, Transneft, Aeroflot, Russian Railways, Roscosmos) and international organizations.

Students will learn system thinking, information structuring, analysis, forecasting. It is based on the leading Russian and foreign educational methods for preparing masters and provides graduates with a competitive advantage in the labor market.

Based on the educational results, students will learn to identify relevant problems, generate new ideas, make efficient solutions. It means to govern effectively science, technology and innovation at all stages - from their inception to implementation, and at all levels - corporate, regional, national, international.

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*Why does the programme combine these two directions: business and policy? It allows the public sector to understand how corporate business is arranged and it helps business to understand how the state policy works.*

**Leonid Gokhberg,**

*First Vice Rector, Director of Institute for Statistical Studies and Economics of Knowledge.*

## **Our benefits**

- based management studies of two interdependent areas: business and policy;
- strong academic foundation and practice-oriented learning;
- multicultural, collaborative environment - a step towards an international career;
- individual mentoring on request;
- opportunity to learn from academics, major businessmen and politicians;
- opportunity to practice acquired knowledge in ISSEK and partner organizations;
- possibility of obtaining two diplomas: HSE and a foreign partner university;
- personal and professional development;
- study abroad, in partner universities.

## **How to apply**

Entrance examination is held on the bases of portfolio competition.

The portfolio should include:

- specialist, bachelor's or master's degree in technical, mathematical or natural sciences;
- documents confirming the experience of practical activities and/or project work in the scientific/innovation field;
- motivation letter (in English).

## **Core courses**

Courses are based on the latest research results and unique practical experience of teachers in the field of science, technology and innovation.

### **Key Seminars:**

- Seminar of the Mentor «Scientific Research Methods for STI»
- Project Seminar «From Digital Trends to Strategy Development»

### **Major includes basic disciplines which provide the most important competencies:**

- Economics of Innovation: Basic
- Economics of Innovation: Advanced
- Foresight Theory and Concepts
- Innovation Project Management
- Innovation Strategies
- Measurement of R&D
- Responsible Business and Sustainable Development
- STI Policy: Basics
- STI Policy: Domains

### **Elective courses**

Curriculum is focused on problems in the field of management and allows you to form the learning path in management of science, technology and innovation or scientific, technical and innovation policy:

- Applied Foresight
- Business Model Innovation in Energy Engineering
- Competitive Intelligence
- Corporate Foresight
- Corporate Entrepreneurship
- Digital Produce Management
- Finance of Innovation
- Industry 4.0
- Intellectual Property Management
- Managing Creativity and Innovation
- Measurement of Innovation
- Regional STI Policy
- The Future of Energy

### **Term Paper**

During the first year of studying students complete term papers in either an essay form or a project form.

## **Internship and practice in the leading Russian or international companies and federal authorities**

### **Master thesis**

The Master thesis theme will be defined according to the Master programme topics.

## **Double degree programme**

Our graduates receive two diplomas- HSE and partner university.

The partners played a decisive role in academic development of the programme, and they also implemented half of the educational process.

One year, students of this programme study at one of the partner universities, and for the second year they study at the Higher School of Economics.

## **Career opportunities**

### **State organizations**

- National, federal and regional authorities
- Institutes for development and scientific foundations
- Innovative territorial clusters
- Science cities

### **Private Sector**

- Foreign and domestic consulting companies
- Transnational corporations with their own scientific and technical and innovation centers
- Enterprises of the real sector, including the largest companies with state participation

### **Science and universities**

- Research universities, centers, organizations
- Large innovative state projects
- Scientific and technical and innovation centers of international companies



We send students abroad: the experience of living and studying abroad increases the level of personal and social maturity. Moreover, this experience will enrich your curriculum vitae and will boost career opportunities.

**Dirk Meissner,**  
Distinguished Professor





## Faculty website

[hse.ru/ma/sti](https://hse.ru/ma/sti)

## International Admissions

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