



Field of Study: **Textiles Technologies and Design**

Major: **Textile Materials Science and Commodity Examination**

Ivanovo State University of Chemistry and Technology, Russia
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Awarded degree or qualification:	Bachelor
Language of instruction:	Russian (Preparatory Department for studying Russian language is available)
Form of training:	Full-time
Duration:	4 years
Possibility of free training:	Yes (see more)
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1. Programme description

Standardization and certification play an important role in textiles quality assurance and its successful competition on world markets. A quality control analyst has special knowledge on textile materials structure and properties. He or she will be able to solve a wide range of issues of production efficiency and raw materials (semi-processed and finished products) quality improving, range and quality assurance.

The educational programme trains specialists in the field of modern textile materials control.

The educational programme gives knowledge in the fields of commodity science, nanotechnology, materials science, alternative technologies, and management.

2. Programme objectives

The graduate will be able to:

- develop textile products projects (threads, fabrics, knit-wear and non-woven materials);
- manufacture semi- and finished textile products;
- market textile goods;
- create a demand and predict sales;
- control the technological process, raw materials, semi-processed and finished textile products quality;
- carry out standard and certification tests of textile materials and products.

3. The field of professional activity of graduates

The professional graduate activity (at industrial enterprises, research and development institutions test centres) aims to textile materials and products quality



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inspection. A graduate will be able to carry out professional activity in industrial enterprises and research organizations engaged in the standardization, certification and quality assessment of textile.

4. The educational programme trains commodity researchers, engineers in the field of textile design, lab researches, research engineers, and sales managers.

5. Major disciplines:

"Textile materials science"

"Commodity inspection"

"Hosiery manufacturing processes background"

"Textile materials quality management"

"Commodity science theory"

"Basics of physics and chemistry of natural and chemical fibers and nonwovens"

"Textile materials mechanical technology"

"Colour science"

"Textile materials standardization and certification"

"Textile materials chemical technology"

"Textile production equipment"

"Information technologies in textile industry"

"Textile development history and future"

"Textile materials commodity science"

"Textile industry applied technologies"

"Test laboratories design"

"Textile materials quality control methods"