

Instrumentation Engineering

National Research ITMO University

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **262 000 Rub per year**

Programme webpage at the university website:

<https://en.itmo.ru/en/program/213/Industrial%20Cyber-Physical%20Systems.htm>

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Specializations within this programme

PROGRAM DESCRIPTION

Implemented in collaboration with Schneider Electric, this corporate Master's program aims to train next-generation specialists for the development of hi-tech industry in the format of smart production facilities with a high level of automation, flexibility, self-organization, and the ability to quickly react to individual demands of consumers.

The curriculum covers such cutting-edge information and production technologies as digital design and modeling, digital production, additive and hybrid technologies, robotics, industrial sensors, industrial internet of things (IIoT) and services, big data and artificial intelligence, as well as information systems for managing production and an enterprise at large.