

National Research ITMO University



Year of foundation: **1900**



Total students: **12** / Foreign students: **2 450**



Faculties: **20** / Departments: **110**



Teachers: **1 200**

Professors
151

Associate Professors
435

Doctors of Science
195

Candidates of Science
513

Foreign teachers
26



Main educational programmes for foreigners: **267**

Bachelor's programme
31

Master's programme
188

Specialist programme
2

Training of highest qualification personnel
46



Additional educational programs for foreigners: **14**

Pre-university training programmes
1

Russian as a foreign language
1

Short programmes
12

Other programmes

ITMO University is a national research university and leading Russian institution in the field of IT and photon technology.

The university has served as a base for the creation of:

- 43 international scientific laboratories;
- 33 research laboratories;
- 5 innovative clusters;
- 43 innovative small businesses;
- 2 business incubators.

ITMO University specialises in the following subject areas:

- Design and urban science.
- Translational medicine.
- Computer technologies and management.
- Information technologies and programming.
- Infocommunicational technologies.
- Photonics and optoinformation science.
- Technological management and innovations.
- Refrigeration, cryogenic equipment and air conditioning.
- Nutritional biotechnologies and engineering.
- Laser and light engineering.
- International business and law.
- Scientific communication.
- Natural sciences.

ITMO University - IT's MOre than a UNIVERSITY!

Student successes

ITMO University is the alma mater of multiple winners of international programming competitions, including Yandex.Algorithm, ACM ICPC, Russian Code Cup, Topcoder Open, Facebook Hacker Cup, Google Code Jam, CodeGate and RuCTF.

ITMO University students were winners at the Taydzhin Cup android olympics and the international Fujino Cup dancing robots tournament.

Famous graduates

Pavel A. Belov

Doctor of science, developer of meta-materials for transmission of high-resolution images that several times exceed traditional optical systems in efficiency.

Alexander V. Boukhanovsky

Doctor of science, professor, ideologist and one of creators of a unique decision-making system that helps protect St. Petersburg from floods. Author of several double degree programs.

Irine E. Bocharova

Awardee of the Scopus Award Russia 2014 for outstanding results in IT, performed in cooperation with European colleagues.

Lev P. Boulat

Doctor of science, professor, renowned specialist in thermoelectric conversion of energy with worldwide recognition.

Anatoly V. Fedorov

Doctor of science, professor, renowned specialist in semiconductors, physics of quantum-dimensional systems, spectroscopy of semiconducting nanocrystals.

Alexander V. Baranov

Doctor of science, professor, renowned specialist in experimental optical spectroscopy of complex molecules, carbon materials and semiconductor quantum nanostructures.

Positions in international ratings

| YEAR | RATING | POSITION |
|------|--|--|
| 2020 | Forbes | 8th in the ranking of Russian universities |
| 2020 | Academic Ranking of World Universities by Subject: Automation & Control | 76-100 |
| 2020 | QS World University Ranking by Subject: Electrical & Electronic Engineering | 1th of Russian universities |
| 2020 | QS World University Ranking TOP 400 | 360 |
| 2020 | Times Higher Education by Subject: Computer Science | 101-125 |
| 2020 | QS World University Ranking | 201-250 |
| 2020 | Times Higher Education World University Ranking | 501-600 |
| 2016 | Times Higher Education World University Ranking | 351-400 |
| 2016 | Times Higher Education World University Ranking by Subject: Computer Science | 56 |
| 2016 | Times Higher Education BRICS & EE University Rankings | 27 |
| 2016 | QS University Rankings: BRICS | 101-110 |
| 2016 | QS University Rankings: EECA | 81 |
| 2016 | Round University Ranking: World University Ranking | 485 |
| 2016 | Round University Ranking Subject: Technical Science | 287 |
| 2016 | Round University Ranking Subject: Natural Science | 346 |

| YEAR | RATING | POSITION |
|------------------|---|----------|
| 2016 | Scimago Institutions Rankings (SIR): World | 600 |
| 2016 | Scimago Institutions Rankings (SIR): Russian Higher Education | 5 |
| 2015 | 4IC&U Country University Ranking | 4 |
| 2015 | 4IC&U World University Ranking | 821 |
| 2015 | Webometrics: BRICS University Ranking | 135 |
| 2015 | Webometrics: World University Ranking | 1021 |
| 2015 | QS World University Rankings: BRICS | 99 |
| 2014 | Webometrics: Country University Ranking | 6 |
| 2014 | QS EECA | 91-100 |
| June 2016 | Webometrics: World University Ranking | 864 |
| June 2016 | Webometrics: BRICS University Ranking | 97 |
| June 2016 | Webometrics: Country University Ranking | 7 |
| June 2016 | 4IC&U: World University Ranking | 632 |
| June 2016 | 4IC&U: Country University Ranking | 4 |

Positions in Russian ratings

| YEAR | RATING | POSITION |
|-------------|--|----------|
| 2020 | Three University Missions | 219 |
| 2016 | Russian Universities Demand Ranking (Technical Universities) | 2 |

| YEAR | RATING | POSITION |
|------|---|----------|
| 2016 | Admission Quality Ranking | 3 |
| 2016 | Expert RA National Ranking | 19 |
| 2016 | Interfax National Ranking | 12 |
| 2015 | Interfax National Universities' Ranking | 15 |
| 2015 | Expert PA National Universities' Ranking | 22 |
| 2014 | Admissions ranking (Technical Universities) | 3 |

International partnership

The main purpose of ITMO University`s international activity is improvement of its academic ties with foreign universities and strengthening its positions within international academic community.

International academic cooperation is put into practice via 35 joint programs as well as academic exchange with more than 200 universities in 50 countries of the world such as: Ecole Polytechnique fédérale de Lausanne, Paris Institute of Technology (ParisTech), Peking University, King's College London, Université de Liège (Belgium), Karlsruhe Institute of Technology (KIT, Germany), Universidad Nacional del Litoral (Santa Fe, Argentina), The University of California, Los Angeles (UCLA, USA), The University of Rochester (USA), Aalto University (Finland), The Czech Technical University in Prague (Czech Republic) and etc.

Double-degree Master programs provide unique opportunity to get two diplomas upon completion only one Master program. One-year study at foreign partner university makes it possible to get valuable experience of international education and research work. The language of instruction is English, so these programs are open for students all over the world.

International applicants can take advantage of studying at Preparatory Department which is aimed at assistance, adaptation and integration of new coming students into ITMO community. Academic training includes courses on the Russian Language and Culture, as well as Technical Sciences Preparatory Course (Mathematics, Physics, Computer Science, Chemistry) which is extremely helpful for entrance exams.

To sum up, key priorities for ITMO University are: creating multicultural academic space and effectively using modern educational technologies in study process so that education obtained at ITMO University fully complied with international educational standards.

Olimpiads



Contests: The Russian Language, Mathematics, Physics, IT, Social Science

April

Uzbekistan (Tashkent),
Rossotrudnichestvo office.
Winners are granted preferential terms
when enrolling at ITMO University.

| | | | |
|--|---|------------------------|---|
| | Contests: The Russian Language, Mathematics, Physics, IT, Social Science | Annually, April | Winners are granted the right to preferential admission to ITMO University. Information about the competition dates is released in February. |
| | Contests: The Russian Language, Mathematics, Physics, IT, Social Science | Annually, May | Republic of Tajikistan, Dushanbe, with the support of the Ministry of Education (co-organiser). Winners are granted the right to preferential admission to ITMO University. |
| | Contests: The Russian Language, Mathematics, Physics, IT, Social Science | Annually, March | Winners are granted the right to preferential admission to ITMO University. Competition dates are announced in February. |

Preparatory department for foreign applicants

Preparatory department for Bachelor's programme

The International Student Preparatory Centre prepares students for admission to the major fields and subjects of ITMO University and other Russian universities.

Support of foreign students

Each department at the university has a supervisor who is responsible for issues related to international students' studies and stay in Russia. If necessary, first year students are met on arrival at the airport or train station and accompanied to their dormitory to settle in.

Everyday life of foreign students

ITMO University has 6 dormitories within walking distance of the metro (maximum travel time from any dormitory to the main educational building is 40 minutes). The rooms are comfortable and furnished with all necessary items including a cabinet, bed, table, chair, bedside table. If they desire, students can acquire additional pieces of furniture at their discretion. Cable internet is available. Bathrooms are available both in the rooms and on each floor. The rooms are designed to accommodate 2, 3 or 4 persons.

In the dormitories there are also classrooms, a canteen, laundry and leisure facilities (library, gym, tennis court, dance hall, wrestling hall, a room with board games, a cinema club and rock music practice room). In the courtyard there are two garages for storing bicycles .

If necessary, ITMO University students are provided with rooms on the Inter-university student campus or in other student dormitories linked with the university.

At the Yagodnoye university sports and recreation centre, students study, complete educational programmes, develop business plans, design projects, perform electrotechnical calculations and more.

The ITMO University student sports club Kronverk Panthers holds different competitions and athletic events.

Leisure and sport events

The ITMO University International Students Council oversees the adaptation of first year students to life in Russia. It

organises concerts, competitions, parties, lessons, festivals, master classes and many other events.

For instance, on national holidays (Novruz, Chinese New Year), international students tell their fellow students about the culture and traditions of their countries and cook traditional meals in cooking competition.

Several Russian language conversation clubs have been organised at ITMO University, where their participants learn about the culture and history of Russia alongside language practice and communication.

International students at ITMO University traditionally win prizes at city tournaments in football and chess.

Employment of foreign graduates

The ITMO University Careers Service informs students about career opportunities and helps them developing in-demand skills.

Contacts

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