

# National Research Tomsk Polytechnic University



Year of foundation: **1896**



Total students: **15 000** / Foreign students: **3 813**



Faculties: **10**



Teachers: **1 700**

Professors  
**185**

Associate Professors  
**689**

Doctors of Science  
**222**

Candidates of Science  
**918**

Foreign teachers  
**117**



Main educational programmes for foreigners: **91**

Bachelor's programme  
**30**

Master's programme  
**34**

Specialist programme  
**6**

Training of highest qualification personnel  
**21**



Additional educational programs for foreigners: **41**

Pre-university training programmes  
**5**

Russian as a foreign language  
**30**

Short programmes  
**5**

Other programmes  
**1**

**One of the top 10 universities in Russia since 2012 (Expert RA rating), TPU offers students and young scientists:**

- Scholarship programmes,
- Double degree programmes,
- Academic exchange programmes,
- Academic and social support,
- Short-term research internships,
- Postdoctoral programmes,
- Pre-university course,
- Russian language courses.

## Student successes

TPU graduates employed within the first year - 95%.

## Famous graduates

|                        |   |
|------------------------|---|
| <b>Mikhail Mil</b>     | Mikhail Mil is a Soviet aerospace engineer and a scientist. He founded the Mil Moscow Helicopter Plant, which is responsible for well-known Soviet helicopter "Mi" model.     |
| <b>Nikolay Kamov</b>   | Nikolay Kamov is famous scientist and a constructor of the Soviet/Russian "Ka" helicopter.  |
| <b>Nikolay Nikitin</b> | Nikolay Nikitin is a Soviet architect and a famous scientist in Civil Engineering. He designed Ostankino TV Tower, Moscow State University's main building, Luzhniki Stadium. |

## Positions in international ratings

| YEAR | RATING                                     | POSITION |
|------|--|----------|
| 2016 | QS University Rankings: BRICS              | 64       |
| 2016 | QS World University Rankings (since 2011)  | 400      |
| 2016 | THE European University                    | 252      |
| 2015 | THE European University                    | 251-300  |
| 2015 | QS World University Rankings (since 2011)  | 481-490  |
| 2015 | QS University Rankings: BRICS              | 64       |
| 2014 | QS University Rankings: BRICS (since 2013) | 64       |
| 2014 | QS World University Rankings (since 2011)  | 501-550  |

## Positions in Russian ratings

| YEAR | RATING                     | POSITION |
|------|----------------------------|----------|
| 2016 | RAEX Rankings (since 2012) | 8        |

| YEAR | RATING   | POSITION |
|------|--|----------|
| 2016 | National University Rankings (joint project between news agency "Interfax" and radio station "Echo of Moscow") | 9        |
| 2014 | RAEX Rankings (since 2012)   | 7        |
| 2014 | National University Rankings (joint project between news agency "Interfax" and radio station "Echo of Moscow") | 9        |

## International partnership

### TPU has concluded:




- over 200 cooperation agreements with universities and organisations from 35 countries;
- over 90 agreements on academic mobility programmes with universities from 27 countries.

TPU was the first Russian university to join the CDIO Initiative focused on modernising engineering training.

### TPU strategic partners include:

- Herriot Watt University, City University London (UK);
- Karlsruhe Technological Institute, Berlin Technical University, Munich Technical University (Germany);
- Ecole Centrale Paris, Université Joseph-Fourier, Université Paris Sud 11 (France);
- Texas A&M University (USA);
- Czech Technical University in Prague (Czech Republic);
- Technische Universität Wien (Austria);
- Jilin University, Shenyang Polytechnical University (China).

## Olimpiads

|  |   |   |   |
|--|---|---|---|
|  | <b>"Your first success" Olympiad (China)</b>    | <b>from January 01, 2018 till June 30, 2018</b> | Olympiad is held in the following subjects: Mathematics, Physics and Russian. The language of Olympiad: Chinese. The winners are provided with discount for studying at Pre-University Department (up to 50%).    |
|  | <b>"Your first success" Olympiad (Vietnam)</b>  | <b>from January 01, 2018 till June 30, 2018</b> | Olympiad is held in the following subjects: Mathematics, Physics and Russian. The language of Olympiad: Vietnamese. The winners are provided with discount for studying at Pre-University Department (up to 50%). |
|  | <b>"Your first success" Olympiad (Mongolia)</b> | <b>from January 01, 2018 till June 30, 2018</b> | Olympiad is held in the following subjects: Mathematics, Physics and Russian. The language of Olympiad: Mongolian. The winners are provided with discount for studying at Pre-University Department (up to 50%).  |

## Preparatory department for foreign applicants

## **Preparatory department for Bachelor's programme**

A preparatory course for enrolment in Bachelor's and Specialist Degree Programmes has been organised at TPU. The students study the Russian language (up to B1 level) and subjects related to their main study programme.

Applicants can choose a course in one of five areas:

- Engineering and technical (basic disciplines: Russian, Mathematics, Chemistry, Physics, Engineering graphics, Information science, Regional geography, Scientific style of speech, supplementary: Russian language for specialised education, Introduction to geology, Physical education).
- Biomedicine (basic disciplines: Mathematics, Russian, Biology, Chemistry, Foundations of social sciences and humanities, Physics, Information science, Scientific style of speech, supplementary: Russia language for specialized education, Fundamentals of anatomy, Physical education).
- Humanities (basic disciplines: Russian language, Regional studies, Geography, Literature, Cultural science, Information science, Scientific style of speech, supplementary: Foundations of natural science, Russian for specialized education, Physical education).
- Economics (basic disciplines: Foundations of economics, Information science, Russian, geography, Regional studies, Mathematics, Cultural studies, Scientific style of speech, supplementary: Foundations of natural science, Physical education, Russian for specialised education).

Exams and tests of Russian as a foreign language are taken at the end of the course. If they are passed, a State Certificate of Command of the Russian language (not below B1 level) and a Certificate of Completion of Pre-university Education are issued.

## **Preparatory department for Master's programme**

At TPU, applicants can complete a Pre-University Course for Master's Degree or a Postgraduate Preparation Course for subsequent enrolment in a Master's Degree Programme or Postgraduate Studies.

Students study Russian (up to B2 level) and subjects in one of two fields: Engineering and Technical, or Economics.

Exams and tests of Russian as a foreign language are taken at the end of the course. If they are passed, a State Certificate of Command of the Russian language (not below B1 level) and a Certificate of Completion of Pre-university Education are issued.

## **Support of foreign students**

TPU has a special orientation programme for international students, which helps them quickly get accustomed to the university and the city.

Upon arrival at the airport or train station, new students receive help to settle in the dormitory, arrange a health insurance policy and required migration documents, connect to the Internet, get a SIM card, open a bank account, etc.

Excursion programmes and consultations on various issues are provided.

## **Everyday life of foreign students**

TPU has 13 dormitories (sectional and central corridor types). Students live in comfortable rooms with 2-3 people in

each. They come with all the necessary facilities (bed, writing desk, wardrobe, bedside cabinet). On each floor of the dormitory there is a classroom, laundry and kitchen.

There are rooms with a TV set, refrigerator, microwave and electric kettle.

In the dormitories there are also membership clubs and gyms. Students are assisted by tutors, administrators, and representatives of student government bodies. The buildings have 24-hour security. Canteens, snack bars and cafes are available in the TPU dormitories, as well nearby.

## **Leisure and sport events**

Gyms in the dormitories, sports grounds on the campus and Polytechnic Stadium are open to TPU students.

2-3 sporting events in various kinds of sports (football, volleyball, basketball, darts, arm wrestling, ski races, ping pong, badminton, chess, go and others) are organised on a monthly basis.

In addition, several sports associations have been created at TPU. Basketball, football, badminton, chess, ping pong and sport dance teams run in the Sparta Club. A rock climbing and mountaineering club, delta club, scuba diving club and tourist sports club are also available.

## **Employment of foreign graduates**

TPU graduates work in leading Russian and foreign companies, including Vietsovpetro and FPT Industrial.

## **Contacts**

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