



## ADMISSION PROCEDURE:

### ATTENTION!

- 1) Admission terms of are currently being prepared for approval by the Ministry of Education and Science of Ukraine and will be announced no later than January 2022.
- 2) Igor Sikorsky KPI tuition fees for the 2022/23 academic year will be announced no later than March 2022.
- 3) The current tuition fees for the 2021/22 academic year are published on the university website: <https://istudent.kpi.ua/vstup/cenovaya-politika.html>

### IMPORTANT:

If you decide to study at the Department of Physical Materials Science and Heat Treatment, when registering to Igor Sikorsky KPI (with the help of the International Education Center officer) you will need to fill out a form for an agreement on providing training services to students who are foreign nationals, which can be downloaded here: <https://istudent.kpi.ua/wp-content/uploads/2021/07/agreement.pdf> and specify in the agreement that you enter the education program "Engineering and Computer Modeling in Materials Science".



## CONTACT US



### Head of the Department:

Doctor of Physical and Mathematical Sciences,  
Prof. Myroslav V. Karpets

### Scientific School Adviser:

Prof. Sergii I. Sydorenko, corresponding member of the National Academy of Science of Ukraine, Doctor of Physical and Mathematical Sciences, Vice-Rector on International Relations

### Deputy Head of the Department:

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- <http://pmtokpi.ua/>



National Technical University of Ukraine  
«Igor Sikorsky Kyiv Polytechnic Institute»  
E.O. Paton Institute of Materials Science and Welding  
Department of Physical Materials Science and Heat Treatment



**WE INVITE YOU TO COME AND ENROLL FOR SPECIALTY "132 MATERIAL SCIENCE" WITHIN THE FRAMEWORK OF EDUCATION PROGRAM "ENGINEERING AND COMPUTER SIMULATION IN MATERIALS SCIENCE"**

<http://pmtokpi.ua/>





# DEPARTMENT OF PHYSICAL MATERIALS SCIENCE AND HEAT TREATMENT



## WE TRAIN STUDENTS IN:

Branch of science – 13 Mechanical Engineering,  
Specialty – 132 Material Science,  
Education program (specialization) – Engineering and  
Computer Simulation in Materials Science (our  
Department teaches students both bachelor's and  
master's degree courses within the framework of this  
education program (specialization))

## WE OFFER THREE LEVELS OF EDUCATION:

- 1 bachelor** (for a period of 3 years 9 months);  
**bachelor** (for a period of 2 years 9 months if an  
entrant has an associate's degree);
- 2 master's degree professional** (1 year 4  
months - for further work in the field of high  
technologies);  
**master of science** (1 year 9 months - for further  
activities at international research centers);
- 3 Ph.D.**

We train highly skilled specialists up to world standards,  
capable of managing the current tasks of computer  
design and experimental research on materials,  
biomedical engineering, military, criminalistics,  
energy-saving techniques, and nanotechnologies.

## WHY CHOOSE US?

Material science is one of the global development  
priorities for which multibillion grants are awarded  
every year, - 1/7 of all world expenditure on science and  
technology. The development of technologies is  
sustainable that requires the constant search for,  
improvement, and invention of new materials. That is  
why our specialty and our education program  
(specialization) will be always relevant!

## PECULIARITIES OF TRAINING

- 1** Only our Department does offer the education  
program (specialization) "Engineering and  
Computer Simulation in Materials Science"!
- 2** We provide students with high-quality  
theoretical and practical training, using the  
latest training aids and appliances, software  
environments, and, modern research equipment. The  
top-flight scientists of research institutes of the  
National Academy of Science of Ukraine are involved  
in training.
- 3** Our students serve their internship at  
world-famous research centers, laboratories,  
universities in Germany, Sweden, Poland,  
Hungary, France, Japan, the United States; study at the  
Joint Ukrainian-German Faculty of Igor Sikorsky KPI and  
get two diplomas from Igor Sikorsky KPI and the Otto  
von Guericke University Magdeburg based in Germany.
- 4** Material scientists are in great demand on  
domestic and international labor markets. All  
graduates, who have made a specialty of  
material science, are employed (regarding the job  
placement, each graduate gets no less than 3 job  
offers), as there is no branch of production or science  
where novel materials are not developed or used!
- 5** We take a considerate and respectful attitude  
towards students, individual approach to each  
of them, conduct free additional classes in  
physics and mathematics to raise the level of freshmen.  
A friendly and creative atmosphere ensures not only the  
high level of training of students, but also an exciting  
and enjoyable student life.

To find out more about training, leisure and job  
opportunities, please visit <https://pmtto.kpi.ua/>

## DISCOVER OUR BENEFITS AND ACHIEVEMENTS:

- Dormitory accommodation is provided for  
non-resident students;
- Additional financial support for youth:  
in 2018-2021 three scientific projects are implemented  
to give targeted support to students, four international  
grants to students and post-graduate students,  
scholarships established by the President and the  
Cabinet of Ministers of Ukraine;
- Our Department stands first on the list of specialties at  
Igor Sikorsky KPI by the results of comments made by  
employers of Ukraine and Europe about our graduates'  
skills;
- Our Department has been taking first and second  
places in the ranking of 128 departments and in  
competitions for the best academic group at Igor  
Sikorsky KPI in recent years;
- According to the results of monitoring of the quality of  
students' knowledge, our Department ranks 4th to 12th  
among all departments of the University;



We provide training for all those who aspire to  
quality knowledge, high skills, interesting work,  
rapid career advancement in Ukraine and abroad,  
as well as to decent, competitive salaries.