



IGOR SIKORSKY KPI – IT ALWAYS IS:

- HIGH-QUALITY TRAINING FOR SPECIALISTS
- INTERNATIONALLY RECOGNIZED STANDARDS OF EDUCATION
- UP-TO-DATE KNOWLEDGE AND SKILLS
- FUNDAMENTAL SCIENTIFIC-AND-TECHNICAL RESEARCH

INFORMATION PACKAGE

**NATIONAL TECHNICAL
UNIVERSITY OF UKRAINE
“IGOR SIKORSKY KYIV
POLYTECHNIC INSTITUTE”**

Kyiv, 2025

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1. ACOMMON DESCRIPTION OF THE IGOR SIKORSKY KPI

The National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" (abbreviated as Igor Sikorsky KPI) is a national autonomous state higher education institution of research type founded in 1898. It is one of the best technical universities in Ukraine according to the international QS and Webometrics rankings and holds the highest position among Ukrainian higher education institutions. It has 25,000 students, including foreign bachelors, masters, PhDs and doctors of science.

The university employs over 1800 researchers.

During its existence, Igor Sikorsky KPI has prepared more than 380 thousand engineers.



Position in rankings:

- WEBOMETRICS – 1611
- QS WORLD UNIVERSITY RANKING – 801-850
- THE WORLD UNIVERSITY RANKING – 1501+
- THE INTERDISCIPLINARY SCIENCE RANKING – 401-500
- THE World University Rankings 2025
by subject: Business and Economics – 801+
- THE Impact Rankings 2025 – 1001-1500
- THE Impact Rankings 2025:
 - SDG #6 Clean Water and Sanitation – 401-600
 - SDG #7 Affordable and Clean Energy – 301-400
 - SDG #8 Decent work and economic growth – 601-800
 - SDG #9 Industry, Innovation, and Inequalities – 601-800
 - SDG #11 Sustainable Cities and Communities – 601-800
 - SDG #12 Responsible consumption and production – 601-800
 - SDG #14 Partnerships for the Goals – 401-600
 - SDG #15 Life on Land – 401-600
 - SDG #16 Peace, justice and strong institutions – 601-800
 - SDG #17 Life on Land – 401-600
- QS World University Rankings 2026 – 801-850
- QS World University Rankings by Subject 2025:
 - Engineering & Technology – 380
- QS World University Rankings in Europe – 306

Structure and governance

The main structural subdivisions of the University are faculties, educational and scientific institutes, separate structural and research units.

The University has 14 faculties, 9 educational and research institutes, several research institutes, and research centres.

Institutes

- [Educational and Research Institute for Applied System Analysis](#)
- [Educational and Research Institute of Telecommunication Systems](#)
- [Educational and Research Institute of Aerospace Technologies](#)
- [Educational and Research Institute of Nuclear and Heat Power Engineering](#)
- [Educational and Research Institute of Energy Saving and Energy Management](#)
- [Educational and Research Institute of Specialized Communication and Information Security](#)
- [Educational and Research Institute of Mechanical Engineering](#)
- [Educational and Research Institute of Printing and Publishing](#)
- [Educational and Research Institute of Physics and Technology](#)

Faculties

- [Faculty of Chemical Engineering](#)
- [Faculty of Biomedical Engineering](#)
- [Faculty of Instrumentation Engineering](#)
- [Faculty of Radio Engineering](#)
- [Faculty of Biotechnology and Biotechnics](#)
- [Faculty of Electric Power Engineering and Automatics](#)
- [Faculty of Electronics](#)
- [Faculty of Informatics and Computer Science](#)
- [Faculty of Linguistics](#)
- [Faculty of Management and Marketing](#)
- [Faculty of Sociology and Law](#)

- [Faculty of Applied Mathematics](#)
- [Faculty of Physics and Mathematics](#)
- [Faculty of Chemical Technology](#)

Separated Structural Subdivisions

- [Institute of Education Quality Monitoring](#)
- [Educational Methodical Complex "Institute of Postgraduate Education"](#)
- [Centre of International Education](#)
- [Polytechnic High School](#)
- [Technical High School](#)

Scientific Subdivisions

- [Scientific and Technical Library](#)
- [State Polytechnic Museum](#)
- [Academic Council](#)
- [Science Park "Kyiv Polytechnic"](#)
- [Scientific and Technical Association "KPI-Telecom"](#)

Departments

- [Case Management Department](#)
- [Chore Department](#)
- [Department of Economics and Finance](#)
- [Department of Educational Process Organization](#)
- [Department of Educational Process Quality](#)
- [Department of Educational Work](#)
- [Department of Innovations and Technology Transfers](#)
- [International Collaboration Department](#)
- [Security Department](#)
- [The Department of Property and Social Affairs](#)

Academic positioning and quality assurance

MISSION

To realize the University's scientific, educational, and innovative potential to support the achievement of sustainable development goals, foster the high-tech transformation of the country, strengthen national defence capabilities, develop high-quality human capital for Ukraine's recovery and resilience, and lay the foundations for nurturing socially responsible professionals prepared to tackle global challenges and transform the world.

VISION

To be a Research-oriented university that leads in the training of highly qualified specialists capable of generating cutting-edge scientific knowledge and innovative technologies for the benefit of humanity, peace, and societal security.

Igor Sikorsky Kyiv Polytechnic Institute cooperates with technical universities from dozens of countries worldwide, numerous international organizations (UNESCO, UNIDO, WIPO, NATO, EDNES, ICSU, CODATA, etc.), and leading corporations and companies (SIEMENS, FESTO, SAMSUNG, INTEL, etc.). It participates in international educational and scientific projects and programs.

Igor Sikorsky Kyiv Polytechnic Institute collaborates with well-known companies (MOTOROLA, SIEMENS, FESTO, SAMSUNG, INTEL, etc.) from 47 countries. The university was also the initiator of the creation of the "Centre for Supercomputer Calculations and Data" in Ukraine. New technologies for computer-based education are being implemented to provide high-quality education.

Igor Sikorsky Kyiv Polytechnic Institute is the main organization of the National Information Network of Higher Education Institutions and the Institutes of the National Academy of Sciences – URAN, which is integrated into the European educational network GEANT. The university initiated the establishment of the "Centre for Supercomputer Calculations and Data" in Ukraine.

Innovative developments from Igor Sikorsky Kyiv Polytechnic Institute have been awarded the State Prize of Ukraine in the field of science and technology. The "Kyiv Polytechnic" Scientific Park plays a significant role in commercializing the university's scientific research results and technological developments.

The Innovation Ecosystem "Sikorsky Challenge", organized by Igor Sikorsky KPI, brings together universities, research institutions, government agencies, local authorities, businesses, foundations, and NGOs to foster the development of the Ukrainian innovation economy.

Those interested in the history of science and technology can visit the State Polytechnic Museum of Igor Sikorsky Kyiv Polytechnic Institute, one of the largest Ukrainian museums of technology and equipment, and the largest university museum in Ukraine.

A monument commemorating famous graduates and scientists connected with Igor Sikorsky Kyiv Polytechnic Institute is located on the campus.

Official channel: <https://www.youtube.com/user/kpiua/featured>

The Scientific and Technical Library of Igor Sikorsky Kyiv Polytechnic Institute is one of the best in Ukraine. Its resources and services are open to everyone who needs them. It is an intellectual, communicative, and innovative open platform, serving as a reliable partner for the university and the professional community in developing the educational and scientific environment.

The KPI Library uses ALEPH, one of the best library systems in the world, which automates key processes, including collection,

cataloguing, inventory, and book publishing. The KPI Library also promotes eco-friendly initiatives through its "Library Eco-friendly" project, which aims to encourage conscious consumption, minimize waste, and promote eco-friendly habits by example.

The "Greter and Kryvanek Educational Studies" platform is an open educational space for purposeful leisure, education, self-development, idea generation, and project design. The library also hosts many other projects, such as "Save the KPI History," "Books for Students," "Digital Library," "Inclusive Environment of Open Science," and "Academic Integrity: Values in Daily Actions."

Today, the main goal of Igor Sikorsky KPI is the training of highly qualified specialists and research for breakthroughs in the following key areas of Ukraine's economic development:

- Modern technologies in computer science, mechanical engineering, chemistry, and materials science
- Information networks and information communication technologies
- Energy efficiency and the development of energy-saving technologies
- Environmental monitoring and protection
- Addressing the consequences of nuclear and man-made disasters
- Space and aeronautical technologies
- Exploration and exploitation of human resources
- Medical technology
- Systems analysis and decision-making
- Systems analysis and decision-making.

Regional and national strategies

The future development of Igor Sikorsky Kyiv Polytechnic Institute will continue to build on the foundation established by its dedicated staff, who have served the university throughout Ukraine's years of independence. This development will take into account current realities and challenges.

One of the key achievements to date is the transformation of the university to align with the model of large polytechnic institutions operating within a centralized European-style economy. In response to the needs of a newly independent country, 11 new faculties and institutes have been established, more than 50 new departments created, and over 150 new academic programs introduced. Significant steps have also been taken toward integration into the European Higher Education and Research Area.

Decentralized management and democratized university life have been successfully implemented. One of the country's most effective systems of self-governance for a large workforce, spanning all management levels, has been established at the university. Through collective agreements and a democratic system for electing department leaders and student representatives, Igor Sikorsky Kyiv Polytechnic Institute has initiated a process to oversee work, make important decisions, and monitor their implementation. This approach ensures the continuous and steady advancement of the university in line with its strategic goals.

The university plays a key role in promoting the importance of universities in shaping sustainable development policies for the state and regions, particularly in Black Sea countries.

It has led large-scale initiatives and contributed directly to the development of Ukraine's legal framework for higher education and science. Nationally significant institutions, including one of the first State Polytechnic Museums, the "Kyivska Polytechnika" Science Park, and the Innovation Ecosystem "Sikorsky Challenge" – Ukraine's first

hub for high-tech innovations – have expanded across 12 regions of the country. The achievements of Igor Sikorsky Kyiv Polytechnic Institute's scientists are evident in their contributions to scientific innovation, particularly in defence industry sectors, space research, unmanned aviation, cybersecurity, and other critical high-tech fields. Their work is recognized both in Ukraine and globally, with 110 State Awards of Ukraine in science and numerous national honours awarded since the country's independence.

The Innovation Ecosystem "Sikorsky Challenge", established in 2004-2006 at Igor Sikorsky Kyiv Polytechnic Institute, has been successfully operating for over 16 years. This ecosystem fosters collaboration among four key groups: first, university research teams that generate new inventions; second, faculties and departments that prepare highly skilled professionals for high-tech industries; third, high-tech companies seeking to market and sell new inventions while requiring qualified personnel; and fourth, investment and venture funds looking to invest in start-ups. Over the years, "Sikorsky Challenge" has received support from 120 high-tech companies across Ukraine, the USA, the EU, Israel, China, Japan, and Australia, along with seven high-tech enterprises in Kyiv and 28 investment and venture funds. More than 150 high-tech products and services developed within the ecosystem have made a significant social and economic impact on markets in Ukraine and beyond.

Through national strategies, KPI promotes Ukraine's transition to a high-tech, innovation-driven development path, based on the "knowledge triangle." Building on its strong integration of science, cutting-edge education, and business, the next stage of the university's development should focus on expanding its platform for innovative representation in high-tech fields across the country, including the defence industry, where Igor Sikorsky Kyiv Polytechnic Institute holds a strong and leading position. To advance this goal, the university has already begun establishing a network of start-up schools in various regions of Ukraine. In the next phase of developing

the "Sikorsky Challenge" innovation ecosystem, regional offices will be integrated into local innovation clusters. These will include start-up schools, regional universities, local businesses, local administrations, and self-governance bodies.

KPI plays a significant role in regional ecosystems, representing Ukraine in various regional organizations, unions, and alliances:

- KPI is the only representative of Ukraine in UNAI.
- KPI is the only representative of Ukraine in UNICA.
- The Secretariat of the National Committee of the Nobel Foundation operates at KPI.
- The BSUN national office in Ukraine operates at KPI.
- The UNESCO Chair operates at KPI.
- KPI participates in large international projects such as the Cleaner Production Centre in Ukraine (UNIDO).
- The Ukrainian-Japanese Centre operates at KPI.
- Over 70 educational and scientific collaborations with international organizations, including the Ukrainian-Chinese Centre, Ukrainian-Polish Centre, and Ukrainian-French Centre, along with companies such as Dow Chemical, Jeppesen, and Boeing, operate at KPI.

KPI serves as a key intellectual centre, playing an important role in developing strategies and outlining methods for their implementation. This role is shaped by the university's high prestige, which is determined by the following factors:

- High ranking in national (TOP-200) and international (QS, THE, etc.) rankings.
- Co-chairman of the Union of Scientific and Technical Intellectuals of Ukraine.
- Central hub for regional and international collaborations.

Through its new innovative culture and modern economic relations system, KPI aims to develop a new generation of engineer-innovators across various regions of the country. These innovators will successfully bring start-ups to both national and international markets, forming the foundation for the development of Ukraine's high-tech economy.

European and International Strategies

The development strategy of Igor Sikorsky Kyiv Polytechnic Institute is based on solutions officially approved by the university's labour collective conference and aligned with its Vision and Mission. The goal of this strategy is to shape the future of society based on the principles of sustainable development by promoting the internationalization and integration of education, cutting-edge scientific research, and innovative developments. The Institute strives to be an outstanding research-oriented technical university, training highly qualified professionals capable of generating modern scientific knowledge and technological innovations that benefit humanity and secure Ukraine's respected place in global cooperation.

In international relations, Igor Sikorsky Kyiv Polytechnic Institute is intensifying efforts to internationalize, enhancing the global component of its activities. Its research and educational technologies, including dual education programs, are aimed at preparing competitive professionals for global markets in education, science, and innovation. The university is continuing its reforms following the model of a leading research university, adhering to internationally recognized standards.

Plans include adopting the best practices from universities worldwide and implementing them across all areas of activity at Igor Sikorsky Kyiv Polytechnic Institute. The university aims to increase the number of students enrolled in dual degree programs and academic mobility initiatives with universities in developed countries. It is also expanding opportunities for young people at the university to participate in

international leadership programs, fostering the future leaders of Ukraine – individuals with a European mind-set and new ambitions.

International scientific mobility is another focus, particularly for postgraduate and master's students, young teachers, and scientists. This will enhance Igor Sikorsky Kyiv Polytechnic Institute's participation in international consortia that submit project proposals to global grant programs, ultimately increasing the number of international scientific grants awarded. In terms of international scientific cooperation, the university plans to boost its departments' effectiveness in participating in grant programs, including EU initiatives like "Horizon EUROPE," "ERASMUS+," "EURASIA," and NATO's "Science for Peace and Security" programs.

Efforts are underway to strengthen scientific schools by identifying "crystallization centres" at each faculty and institute – groups of young teachers and scientists who have already demonstrated success in international projects and grant activities and show strong potential in this field. Igor Sikorsky Kyiv Polytechnic Institute actively engages in international educational and scientific projects, collaborating successfully with 47 countries. It has established 32 joint structures with partner universities and international organizations, including the European Commission, UNESCO, UNDP, NATO, WIPO, and others. The university was also the initiator of the "Centre for Supercomputer Calculations and Data" in Ukraine.

The Institute is a member of and collaborates with many international alliances and organizations, including the European Union, UNESCO, OECD, UNIDO, UNDP, the British Council, the Black Sea Universities Network, and others. It also works with the German Academic Exchange Service (DAAD), the Japan International Cooperation Agency (JICA), the Korea International Cooperation Agency (KOICA), NATO, the World Intellectual Property Organization (WIPO), GISU, ENSTA, the European University Association (EUA), the European Clean Hydrogen Alliance, CESAER, and UNICA.

The Institute is also part of European University Alliances, including ATHENA, ENHANCE, EUTOPIA, ECIU, and EPICUR.

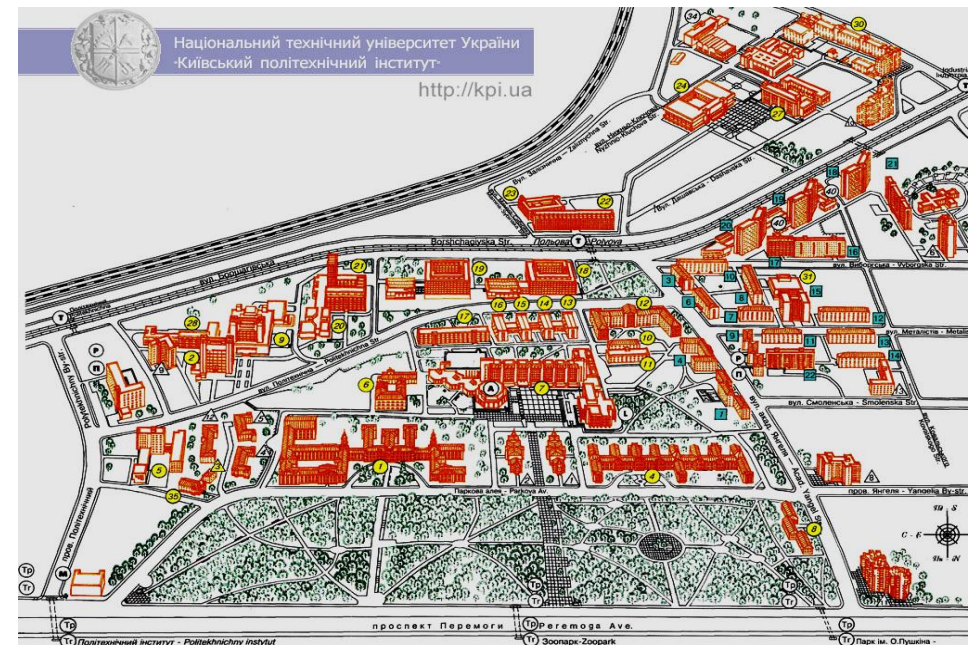
Contribution to sustainability

In recent years, Igor Sikorsky Kyiv Polytechnic Institute has participated in the Times Higher Education Impact Rankings, achieving the following results in individual Sustainable Development Goals (SDGs) this year, listed from highest to lowest ranking:

7. Affordable and clean energy	301-400
6. Clean water and sanitation	401-600
14. Life below water	401-600
15. Life on Land	401-600
17. Partnerships for the Goals	401-600
8. Decent work and economic growth	601-800
9. Industry, Innovation, and Infrastructure	601-800
11. Sustainable Cities and Communities	601-800
12. Responsible consumption and production	601-800
16. Peace, justice and strong institutions	601-800
10. Reduced Inequalities	801-1000
13. Climate Action	801-1000

***This ranking reflects the role of the 17 Sustainable Development Goals (SDGs), their integration into the University's development strategy, and their implementation in university governance practices.**

1. Igor Sikorsky Kyiv Polytechnic Institute offers a "Sustainability" training course to all university students.
2. For many years, the Rector of Igor Sikorsky KPI has been actively involved in the UNESCO regional group on SDG-4 (Quality Education), contributing numerous valuable ideas in this field.
3. Several years ago, during the Sustainable Development Congress of Black Sea Countries hosted by KPI, the "Kyiv Declaration" was adopted and disseminated to governments across Europe and international organizations, including the UN, UNESCO, UNIDO, and others worldwide.
4. Since 2011, KPI has been the only university in Ukraine to represent the country in the United Nations Academic Impact (UNAI), an initiative of the UN Secretary-General aimed at enhancing the role of universities in addressing global challenges related to various aspects of sustainable development



2. EDUCATIONAL AND RESEARCH INSTITUTE FOR APPLIED SYSTEM ANALYSIS (IASA)

1. General description of specialists

IASA trains specialists in information technology, systems analysis, and intelligent decision-making systems. Graduates are equipped to design, develop, and maintain computer systems for analysis, forecasting, and modelling of dynamic processes in complex macroeconomic, technical, physical, environmental, and financial systems.

They work as systems analysts, information systems development managers, project managers, and computer systems and network engineers in public and private enterprises, banks, and stock exchanges, both in Ukraine and internationally.

2. Contact information

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1. Educational Programs

Specialty	Educational Program Name	Levels of higher education		
		First	Second	Third
F3 Computer Science	Systems and Methods of Artificial Intelligence	Bachelor EPP	Master EPP	–
	Intellectual Service-Oriented Distributed Computing	Bachelor EPP	Master EPP	–
	Computer Science	–	Master ESP	PhD ESP
F4 System Analysis and Data Science	System Analysis and Control	Bachelor EPP	Master EPP	–
	Systems Analysis of Financial Market	–	Master EPP	–
	System Analysis	–	–	PhD TSP

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

3. EDUCATIONAL AND RESEARCH INSTITUTE OF TELECOMMUNICATION SYSTEMS (ITS)

1. General description of specialists

Graduates are able to design networks for high-speed transmission of large information flows, solve routing problems, ensure high quality data transmission, manage and synchronize communication networks as a whole and each of its links in particular, use digital systems and intelligent computer technologies.

The Institute's graduates focus on the research and development of practical software and hardware for the latest communication and information technologies. This includes systems for information transmission via optical fibre, radio, radio relay, and cable lines, as well as digital switching systems, multi-purpose telecommunication networks, and their information security.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G5 Electronics, Electronic Communications, Instrument Engineering, and Radio Engineering	Engineering of Innovative Information and Telecommunication Technologies and Systems	–	Master ESP	–
	Information and Communication Technologies	Bachelor EPP	Master EPP	–
	Engineering and Programming Infocommunications	Bachelor EPP	Master EPP	–
	Systems of Electronic Communications and the Internet of Things	Bachelor EPP	Master ESP	–
	Telecommunications and Radio Engineering	–	–	PhD ESP

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

4. EDUCATIONAL AND RESEARCH INSTITUTE OF MECHANICAL ENGINEERING (IME)

1. General description of specialists

The Institute trains specialists in machine-building complex, who can create advanced technological processes, design the technological complexes, operate and explore them based on computer systems design, information processing, and logistical management, to perform international patent licensing activity, product certification, and quality systems, to make effective economically reasonable technical decisions using methods of mathematical modeling and computer synthesis.

Graduates work in research, design institutes, industrial enterprises of machine-building, electronics, aerospace, and other industries where they occupy leading positions.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G9 Applied Mechanics	Dynamics and Strength of Machines	Bachelor EPP	Master EPP	–

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G9 Applied Mechanics	Manufacturing Engineering	Bachelor EPP	Master EPP	–
	Aircraft Manufacturing Technologies	Bachelor EPP	Master EPP	–
	Machine Design	Bachelor EPP	Master EPP	–
	Automated and Robotic Mechanical Systems	Bachelor EPP	Master EPP	–
	Artificial Intelligence in Mechanical Engineering (<i>interdisciplinary EP GF88: additional specialty F6 Information Systems and Technologies</i>)	Bachelor EPP	–	–
	Engineering of Robots and Drones (<i>interdisciplinary EP GG88: additional specialty G7 Automation, Computer-integrated Technologies, and Robotics</i>)	Bachelor EPP	Master EPP	–
	Applied Mechanics	–	Master ESP	PhD ESP
D3 Management	Management and Production Engineering (interdisciplinary EP DG88: additional specialty G9 Applied Mechanics)	Bachelor EPP	–	–

Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program

5. EDUCATIONAL AND RESEARCH INSTITUTE OF AEROSPACE TECHNOLOGIES (IAT)

1. General description of specialists

Throughout their studies, students receive education at the level of the best universities in the world. Graduates have fundamental knowledge in the design, creation, and operation of new aerospace and rocket, and space equipment using modern software, hardware, computer, and computerized systems and information technologies of design, both special and general-purpose, for various branches of science and industry.

Graduates work as researchers, design engineers, and programmers in rocket and space and aviation companies, enterprises involved in the creation and operation of aircraft, electronic equipment, automated systems, and sensors.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G12 Aviation and Aerospace Technologies	Airplanes and Helicopters	Bachelor EPP	Master EPP	–
	Aerospace and Rocket Systems Engineering	Bachelor EPP	Master EPP	–
	Unmanned and Autonomous Systems Engineering	Bachelor EPP	–	–
	Aviation and Aerospace Technologies	–	–	PhD ESP
	Control Systems of Flight Vehicles and Complexes Engineering	Bachelor EPP	Master EPP	PhD ESP

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

6. EDUCATIONAL AND RESEARCH INSTITUTE OF PHYSICS AND TECHNOLOGY (IPT)

1. General description of specialists

The Institute prepares specialists on contemporary topics of applied mathematics, physics, computer science, and information security. According to numerous responses from employers, the Institute serves its purpose of training elite level for science and high-tech industries of Ukraine. Graduates have defended more than 50 theses (one in six graduate master's degrees) in mathematics, physics, and Informatics in Ukraine, Europe, the USA, and Canada.

Institute graduates work in research institutes of Ukraine and foreign countries, public authorities of Ukraine, knowledge-based institutions and companies, public and private forms of ownership, where the main requirements for employees with high intelligence, deep knowledge, and ability to work in conditions of fierce intellectual competition, international corporations and their representative offices in Ukraine, in foreign universities.

The majority of graduates work in Ukraine and hold the positions of leading experts – scholars, analysts, experts, and developers.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
E6 Applied Physics and Nanomaterials	Applied Physics	Bachelor EPP	Master ESP	PhD ESP
F5 Cyber Security and Information Protection	Systems of Technical Protection of Information	Bachelor EPP	Master EPP	–
	Systems, Technologies and Mathematical Methods of Cyber Security	Bachelor EPP	Master EPP Master ESP	–
	Cyber Security	–	–	PhD ESP
F1 Applied Mathematics	Mathematical Methods of Cryptographic Security	Bachelor EPP	Master EPP	–
	Mathematical Methods of Modelling, Pattern Recognition, and Computer Vision	Bachelor EPP	Master EPP	–
	Applied Mathematics	–	–	PhD ESP

*Comment: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

7. EDUCATIONAL AND RESEARCH INSTITUTE OF ENERGY SAVING AND ENERGY MANAGEMENT (IESEM)

1. General description of specialists

The Institute trains specialists for the electricity and fuel and energy complexes, the construction of urban underground construction, and environmental protection, who can develop, design, and operate energy facilities and systems, to create a modern system of eco-energy management, working with modern energy-saving technologies.

The graduates of the Institute are employed in various enterprises and organizations across different industries in Ukraine, Asia, Europe, and America. They hold positions as energy efficiency experts, energy auditors, and inspectors in the energy sector. Additionally, they serve as leaders and leading experts in the structural divisions of enterprises and organizations within the electric power industry. Furthermore, they excel as leading experts in the mining industry, specializing in the construction and operation of urban underground structures, as well as providing monitoring services and offering consulting and engineering solutions for various facilities.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G3 Electric Power Engineering	Energy Management and Energy Efficient Technologies	Bachelor EPP	Master EPP	–
	Electric Power Distribution Systems Engineering	Bachelor EPP	Master EPP	–
	Energy Management, Electricity Supply and Engineering of Electrotechnical Complexes	–	Master ESP	–
	Engineering of Intelligent Electrotechnical and Mechatronic Complexes	Bachelor EPP	Master EPP	–
	Sustainable Equipment for Biofuel and Hydrogen Technologies (<i>interdisciplinary EP GG88: additional specialty G1 Chemical Engineering and Technologies</i>)	Bachelor EPP	–	–
	Electric Power Engineering, Electrotechnics, and Electromechanics	–	–	PhD ESP
G2 Environmental Protection Technologies	Ecoengineering and environmental protection technologies	Bachelor EPP	–	–
	Ecologically Efficient Post-War Restoration of Polluted Territories	–	Master EPP	–
G16 Mining	Geoengineering	Bachelor EPP	Master EPP	PhD ESP

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

8. EDUCATIONAL AND RESEARCH INSTITUTE OF PRINTING AND PUBLISHING (IPP)

1. General description of specialists

The Institute carries out training of highly qualified process engineers, system integrators, engineers, experts in the management of production, marketing market of printed products and printing materials production, editors, graphic artists, designers, and packaging media for the publishing and printing industry.

Graduates of the Institute work at printing companies, publishing houses, and other organizations that produce printed products by traditional and special types of printing, as well as research and design institutes, which are scientific and technical developments in the field of printing and engineering, development and synthesis of basic materials.

2. Contact information

Director of Institute: Prof., Dr. of Tech. Sci, Petro Kyrychok

Address: 1/37 Yangel Street, Ed. Building No 8, Kyiv, 03056, Ukraine,

Tel.: +38 044 204-83 61, 204 97 69

E-mail: vpi_ntuu_kpi@ukr.net;

Official website: vpi.kpi.ua

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
B2 Design B2.01 Graphic design	Design	Bachelor EPP	–	
B4 Fine Arts, Decorative Arts, Restoration B4.01 Visual Arts	Fine Arts,,	Bachelor EPP	Master EPP	–
C71 Journalism	Publishing and Editing	Bachelor EPP	Master EPP	–
	Advertising and Public Relations	Bachelor EPP	Master EPP	–
	Social Communications, Journalism	–	–	PhD ESP
G11 Industrial Machinery Engineering	Engineering of Printing Systems	Bachelor EPP	Master EPP	–
	Industrial Machinery Engineering	–	–	PhD ESP
G20 Publishing and Printing	Technologies of Printing and Electronic Editions	Bachelor EPP	Master EPP	–
	Publishing and Printing	–	–	PhD ESP

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

9. E.O. PATON EDUCATIONAL AND RESEARCH INSTITUTE OF MATERIALS SCIENCE AND WELDING (IMSW)

1. General description of specialists

Institute trains highly qualified professionals for the development of new materials (alloys, composite, polymer, ceramic, and metal-ceramic materials), high-end technologies for their production, research and management of properties, and automation process with the use of modern computer and information technology, technologies for obtaining integral joints and surface engineering.

Graduates of the institute work in research centres and institutes of the National Academy of Sciences of Ukraine, branch research and design institutes, and industrial enterprises in almost all industries that produce parts and functional elements for devices, machines, and mechanisms from composite materials, metals, and alloys.

2. Contact information

Director of Institute: Dr. of Phys.and Math. Sci., Prof.,
Ihor Vladymyskyi

Address: 35 Polytechnichna Str., Building No 9
Kyiv, 03056, Ukraine

Tel.: +380 44 204 8215, +380 44 204 91 56

E-mail: imz@kpi.ua

Official website: <http://imz.kpi.ua/en>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G9 Applied Mechanics	Engineering of Welding, Laser and Related Technologies	Bachelor EPP	Master EPP	–
	Applied Mechanics	–	Master ESP	PhD ESP
G8 Materials Science	Engineering and Computer Simulation in Materials Science	Bachelor EPP	Master EPP	–
	Engineering of Metallic Materials by Artificial Intelligence Software (<i>interdisciplinary EP GF88: additional specialty F2 Software Engineering</i>)	Bachelor EPP	–	–
	Engineering of Powder and Composite Materials	Bachelor EPP	Master EPP	
	Materials Science	–	Master ESP	PhD ESP
G10 Metallurgy	Computerised Casting Processes	Bachelor EPP	Master EPP	–
	Metallurgy	–	–	PhD ESP

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

10. EDUCATIONAL AND RESEARCH INSTITUTE OF NUCLEAR AND HEAT POWER (INHP)

1. General description of specialists

The faculty trains specialists in the field of thermal and nuclear power engineering, research and automation of heat and power processes, and computer technologies in the energy sectors who can design, operate, and adjust power equipment of thermal and nuclear power plants (TPP and NPP), industrial plants, advanced computerized systems for control and management of energy complex enterprise.

Graduates are working in engineering and management positions of power units of industrial plants, thermal power plants and nuclear power plants, design and research institutes of the National Academy of Sciences of Ukraine, as administrators of information and computer systems and networks in the public, private, academic, industrial establishments and companies.

2. Contact information

Acting Director: Prof., Dr. of Tech. Sci., Evhen Pysmennyi

Address: 6, Politechnichna Str., Building No 5, Kyiv, 03056, Ukraine

Tel.: +380 44 204 99 04

E-mail: tuf@kpi.ua

Official website: <http://tuf.kpi.ua/>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G7 Automation, Computer Integrated Technologies and Robotics	Automation and Computer-Integrated Technologies of Cyber- Energy Systems	Bachelor EPP	Master EPP	–
	Automation and Computer Integrated Technologies	–	Master EPP	PhD ESP

G4 Energy Production	Nuclear Power Plants	Bachelor EPP	Master EPP	–
			Master ESP	
G4.01 Nuclear Energy Industry	Nuclear Security	–	Master EPP	–
G4 Energy Production	Nuclear Power Engineering	–	–	PhD
	Thermal Energy Industry			
G4 Energy Production G4.02 Thermal Energy Industry	Power Generation Equipment and Thermal Stabilization Systems System	Bachelor EPP	Master EPP	–
	Engineering and Computer Technology of Thermal Power System	Bachelor EPP	Master EPP	–
	Thermal Power Engineering and Thermal Power Installations of Power Plants	Bachelor EPP	Master EPP Master ESP	–
	Energy Efficiency Management and Engineering of Thermal Power Systems	–	Master EPP	–
	Computerised Technologies and Engineering of Thermal Energy Systems (interdisciplinary EP GG88: additional specialty G7 Automation, Computer Integrated Technologies, and Robotics)	Bachelor EPP	–	–
F2 Software Engineering	Software Engineering of Intelligent Cyber-Physical Systems in the Energy Industry	Bachelor EPP	Master EPP Master ESP	–
	Software Engineering	–	–	
F3 Computer Science	Digital Technologies in Energy Industry	Bachelor EPP	Master EPP	–
	Computer Science	–	Master ESP	PhD

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

11. FACULTY OF AUTOMATION, INDUSTRIAL ENGINEERING AND ECOLOGY (FAIE)

1. General description of specialists

The faculty provides training of specialists in the field of mechanical engineering, resource-saving, ecology, and computer-integrated technologies that allow you to design, explore and exploit technological processes, equipment and management systems, chemical and oil refining industries, enterprises of building materials, pulp and paper production, processing plants polymers, environmental protection institutions.

Graduates of the faculty work as development project managers and leading specialists in the operating processes, equipment, control systems, and software on different forms of ownership.

2. Contact information

Faculty Dean: Prof., Dr. of Tech. Sci., Evhen N. Panov

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Kyiv, 03056, Ukraine,

Tel.: +380 204-80-62

E-mail: ecf@kpi.ua , panov@kpi.ua

Official web site: ihf.kpi.ua/

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G7 Automation, Computer-Integrated Technologies and Robotics	Automation Hardware and Software	Bachelor EPP	Master EPP	–
	Automation and Computer-Integrated Technologies	–	Master ESP	PhD ESP

G1 Chemical Technologies and Engineering	Resource Efficient Cleaner Technologies	Bachelor EPP	Master EPP	–
	Chemical Technologies and Engineering	–	Master ESP	PhD ESP
E2 Ecology	Environmental Safety	Bachelor EPP	Master EPP	–
	Digital Technologies for Environmental Protection	Bachelor EPP	Master EPP	–
	Ecology	–	–	PhD ESP
G11 Machine building G11.03 Technological Machines and Equipment	Engineering of Industrial Processes and Equipment	Bachelor EPP	–	–
	Engineering of Innovative Industrial Equipment	–	Master EPP	–
	Engineering of Equipment for the Production of Polymer and Building Materials and Products	Bachelor EPP	–	–
G11 Machine building	Industrial Machinery Engineering	–	–	PhD ESP
G9 Applied Mechanics	Engineering of Packaging Products, Processes, and Equipment	Bachelor EPP	Master EPP	–
	Applied Mechanics	–	Master ESP	PhD ESP

Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program

12. FACULTY OF CHEMICAL TECHNOLOGY (FCT)

1. General Description of Specialists

The Faculty trains specialists in various areas of theoretical and applied chemistry, equipping them with the skills to conduct research in laboratories or perform large-scale synthesis of new organic and inorganic compounds for a wide range of applications – from corrosion inhibitors to materials for electronics and space technology. They are also trained to develop and design modern eco-friendly chemical technologies, as well as the production of chemicals, coagulants, ceramics, silicates, silicones, elastomers, plastics, and numerous other materials, metals, and coatings.

Graduates are employed in the chemical divisions of the National Academy of Sciences, industrial research institutes, companies within the chemical and related sectors, government institutions, sanitary and epidemiological services, environmental inspection and monitoring agencies, scientific and technical divisions of public law enforcement, as well as drinking water and wastewater treatment facilities.

2. Contact information

Faculty Dean: Prof Dr of Tech. Sci., Olga Liniucheva

Address: 37, Beresteisky Avenue, Building No 3,
Kyiv, 03056, Ukraine

Tel.: +380 44 236 97 74, +380 44 204 82 11

E-mail: office.xtf@kpi.ua, sec@xtf.kpi.ua

Official website: <http://xtf.kpi.ua>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G1 Chemical Technologies and Engineering	Chemical Technology of Synthesis, and Physical and Chemical Properties of Organic Materials	–	Master EPP	–
	Chemical Technologies of Inorganic, Electrode Materials and Water Treatment	–	Master EPP	–
	Chemical Technology of Inorganic Binders, Ceramic, Glass, and Polymeric and Composite Materials	–	Master EPP	–
	Chemical Technologies and Engineering	Bachelor EPP	Master ESP	PhD ESP

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

13. FACULTY OF ELECTRIC POWER ENGINEERING AND AUTOMATICS (FEPEA)

1. General description of specialists

The Faculty trains specialists, who can develop, design, and operate modern electric power and electromechanical systems, manage the process of electric power enterprises and their automation based on the widespread use of information and computer systems.

FEPEA graduates work in the positions of heads and leading specialists of structural units of power supply companies and power systems, research and design organizations, and electrical industrial institutions of various forms of ownership in Ukraine and abroad. The best graduates can continue their education in graduate school to obtain a scientific degree.

2. Contact information

Acting Dean: Prof., Dr. of Tech. Sci., Oleksandr Yandulskyi

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Tel.: +38(044) 204-84-41

E-mail: fea@kpi.ua **Official website:** fea.kpi.ua

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G3 Electric Power Engineering	Electrical Machines and Apparatus	Bachelor EPP	Master EPP	–
	Electric Power Engineering and Electromechanics	–	Master ESP	–

G3 Electric Power Engineering	Control, Protection, and Automation of Electric Power Systems	Bachelor EPP	Master EPP	–
	Electromechanical Automation Systems, Electrical Drive, and Electromobility	Bachelor EPP	Master EPP	–
	Electrical Systems and Networks	Bachelor EPP	Master EPP	–
	Power Plants	Bachelor EPP	Master EPP	–
	Electrotechnical Devices and Electrotechnological Complexes	Bachelor EPP	Master EPP	
	Electric Power Engineering and Electromechanics	–	Master ESP	–
	Electric Power Engineering, Electrotechnics, and Electromechanics	–	–	PhD ESP
G4 Energy Production G4.03 Renewable Energy Sources and Hydropower	Alternative and Renewable Sources of Energy	Bachelor EPP	Master EPP	–

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

14. FACULTY OF INFORMATICS AND COMPUTER SCIENCE (FICS)

1. General description of specialists

The faculty trains qualified experts in the development and operation of software and hardware of the computer and computerized systems and networks, the introduction of modern information technologies of general and designated purpose for various branches of science and industry. They are capable of creating and maintaining computer systems and computerized data processing and management of organizational and technical facilities.

Graduates work as managers and developers of hardware and software systems, project managers, and managers of informational, computer, and computerized systems and networks in the public and private scientific, industrial, banking institutions and firms.

2. Contact information

Faculty Dean: Prof., Dr. of Tech. Sci., Yaroslav Kornaha

Address: 41, Polytechnichna Str., Building No 18, Kyiv, 03056, Ukraine

Tel.: +38 (044) 240-82-60

E-mail: fiot@kpi.ua **Official website:** <http://fiot.kpi.ua>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
F2 Software Engineering	Information Systems Software Engineering	–	Master EPP	–
			Master ESP	–

F2 Software Engineering	Computer Systems Software Engineering	–	Master EPP	–
			Master ESP	
	Computer Games Programming	Bachelor EPP	–	–
	Software Engineering	–	–	PhD ESP
F7 Computer Engineering	Computer Systems and Networks	Bachelor EPP	Master EPP	–
			Master ESP	
	Computer Engineering	–	–	PhD ESP
F6 Information Systems and Technologies	Integrated Information Systems	Bachelor EPP	Master EPP	–
	Dataware of Robotic Systems	Bachelor EPP	Master EPP	–
	Information Management Systems and Technologies	Bachelor EPP	Master EPP	–
	Information Systems and Technologies	–	Master ESP	PhD ESP

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

15. FACULTY OF BIOMEDICAL ENGINEERING (FBE)

1. General description of specialists

The Faculty trains specialists in contemporary fields such as biomedical engineering, medical and biological informatics, cybernetics, and physical rehabilitation.

Students of the Faculty of Biomedical Engineering (FBE) gain practical experience through training at leading academic institutions, clinical hospitals, and manufacturing facilities both in Ukraine and abroad. Graduates find employment in Ukraine and internationally, taking on roles as leading experts, biomedical engineers, software developers, and researchers.

The core concept of the faculty is to integrate engineering, information science, and medical biology into the curriculum. In addition to the standard disciplines offered at the Technical University, students also study Latin and medical terminology, mathematical modelling of physiological systems, telemedicine, medical instrumentation, the development of bioengineered objects, biomaterials, and more.

2. Contact information

Faculty Dean: Prof., Dr. of Biol. Sci., Oleksandr Galkin

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Kyiv, 03056, Ukraine

Tel.: +38(044) 204-85-74, +38(044) 204-41-00

E-mail: mmif@kpi.ua

Official website: fbmi.kpi.ua

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G22 Biomedical Engineering	Medical engineering	Bachelor EPP	Master EPP	–
	Engineering in Biosafety and Biosecurity	–	Master ESP	–
	Regenerative and Biopharmaceutical Engineering	Bachelor EPP	Master EPP	–
	Engineering in Biosafety and Biosecurity	–	Master ESP	–
	Biomedical engineering	–	–	PhD ESP
F3 Computer science	Artificial Intelligence Technologies in Biomedical Systems	Bachelor EPP	Master EPP	–
	Computer science	–	Master ESP	PhD ESP
I7 Therapy and Rehabilitation I7.01 Physical Therapy	Physical Therapy	–	Master EPP	–
	Physical Therapy, Ergotherapy	Bachelor EPP	–	–
I7 Therapy and Rehabilitation	Physical Therapy, Ergotherapy	–	–	PhD ESP
E1 Biology and Biochemistry	Applied Biology	–	–	PhD ESP
A7 Physical education and sports	Physical and Sports Rehabilitation and Activities of Health and Sports Institutions	–	Master EPP	–

Comment: EPP – Educational-Professional Program
ESP – Educational-Scientific Program

16. FACULTY OF APPLIED MATHEMATICS (FAM)

1. General description of specialists

The Faculty trains specialists in information technologies, operating system design, system and application software development, automation system design, scientific research, expert systems, and the development and utilization of computer systems and general-purpose networks. Students also focus on specialized computer systems and networks with optimized parameters, information security in computer systems, and local and distributed computing systems.

Graduates of the faculty find employment in the institutes of the National Academy of Sciences of Ukraine, sectoral research institutes, and organizations and enterprises involved in developing and implementing mathematical methods, computer and software systems, and other automation solutions for information, production, design, and research processes. They also provide information technologies and information security services.

2. Contact information

Faculty Dean: Prof., Dr. of Tech. Sci., Ivan A. Dychka

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Kyiv, 03056, Ukraine

Tel.: 38(044) 204-81-15, +38(044) 204-91-13

E-mail: fpm@ntu-kpi.kiev.ua

Official website: <http://fpm.kpi.ua>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
F1 Applied Mathematics	Machine Learning and Mathematical Modelling	Bachelor EPP	Master EPP Master ESP	–
	Applied Mathematics	–	–	PhD ESP
F7 Computer Engineering	System Programming and Specialised Computer Systems	Bachelor EPP	Master EPP Master ESP	–
	Computer Engineering	–	–	PhD ESP
F2 Software Engineering	Software Engineering of Multimedia and Information Retrieval Systems	Bachelor EPP	Master EPP Master ESP	–
	Software Engineering	–	–	PhD ESP

*Comment: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

17. FACULTY OF PHYSICS AND MATHEMATICS (FPM)

1. General description of specialists

Faculty trains specialists in fundamental and applied problems in various branches of modern physics – from aerodynamics and hydrodynamics to nuclear physics and elementary particles with the use of the methods of mathematical and computer modelling, as well as in analysis and forecasting of economic activity of the subjects of market economics.

Graduates of the Faculty are working as the specialists in the field of nanotechnology, solid-state physics, chaos theory and nonlinear phenomena, astrophysics, information technologies in physics, software developers of biomedical processes description, the developers of the methods of quantum chemistry, researchers, teachers at higher education institutions, systems analysts in state, and commercial institutions.

2. Contact information

Acting Dean: Prof., Dr. of Tech. Sci., Vitalii Kotovskyi

Tel.: +38(044) 204-82-51, 204-82-43

Address: 37, Beresteiskyi Avenue, Building No 7,
Kyiv, 03056, Ukraine

E-mail: fmf@kpi.ua

Official website: <http://fmf.kpi.ua>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
E7 Mathematics	Actuarial and Financial Mathematics	Bachelor EPP	Master EPP Master ESP	–
	Mathematics	–	–	PhD ESP
E5 Physics and Astronomy	Computer Modelling of Physical Processes	Bachelor EPP	Master EPP	–
	Physics	–	–	PhD ESP
F32 Computer Science	Computer Science	–	–	PhD ESP
G9 Applied Mechanics	Applied Mechanics	–	Master ESP	PhD ESP

*Comment: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

18. FACULTY OF RADIO ENGINEERING (FRE)

1. General description of specialists

The Radio Engineering Faculty is dedicated to cultivating proficient professionals capable of excelling in all phases of the design and production of contemporary electronic devices and systems. These skilled individuals specialize in various areas, including satellite communication (GPS, GLONASS, Galileo, VSAT), mobile communication (GSM, CDMA), wired (including optical lines) and wireless computer networks (Wi-Fi, Bluetooth), television and telecommunications systems (WiMAX, LTE, DVB-T2), special communication systems, microprocessor and computer control systems for domestic and industrial applications, as well as biotechnical and medical diagnosis and treatment systems, robotics, and mechatronic systems.

Students of the Faculty of Radio Engineering complete internships and gain experience at enterprises both in Ukraine and abroad. Graduates work for many satellite and mobile communications companies and Internet service providers, including Lifecell, Kyivstar, Lanet, Volya, Freshtel, and others.

2. Contact information

Dean: Ph. D., Associate Prof., Serhii Martyniuk

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Kyiv, 03056, Ukraine,

Tel.: +380 44 204 92 93, +380 44 362 83 42;

E-mail: rtf@kpi.ua

Official website: rtf.kpi.ua

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G5 Electronics, Electronic Communications, Instrument Engineering, and Radio Engineering	Technologies of Electronic Warfare	Bachelor EPP	–	–
	Radio Electronic Engineering	–	Master ESP	–
	Radio Technical Computerised Systems	Bachelor EPP	Master EPP	–
	Information and Communication Radio Engineering	Bachelor EPP	Master EPP	–
	Intelligent Technologies of Microsystem Electronic Equipment	Bachelor EPP	Master ESP	–
	Telecommunications and Radio Engineering	–	–	PhD ESP

*Comment: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

19. FACULTY OF ELECTRONICS (FEL)

1. General description of specialists

The Faculty trains specialists in nanoelectronics, biomedical electronics, acoustics and acoustoelectronics, data processing and telecommunication systems, as well as power and industrial electronics. Graduates are proficient in advanced computer-aided design technologies and are skilled in developing and operating electronic devices and systems for a wide range of applications.

Graduates of the Faculty of Electronics are fluent in:

- modern computer-aided design and development,
- electronic and acoustic instruments,
- multipurpose devices and systems.

2. Contact information

Acting Dean: Prof., Dr. of Tech. Sci., Serhii Naida

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Kyiv, 03056, Ukraine

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E-mail: fel@kpi.ua

Official website: <http://fel.kpi.ua>

3. Educational Programs

Specialty	Educational Program Name	Levels of higher education		
		First	Second	Third
G5 Electronics, Electronic Communications, Instrument Engineering, and Radio Engineering	Micro- and Nanoelectronics	Bachelor EPP	Master EPP	–

G5 Electronics, Electronic Communications, Instrument Engineering, and Radio Engineering	Electronic Micro- and Nanosystem and Technologies	Bachelor EPP	Master EPP	–
	Micro and Nanosystem Engineering	–	Master ESP	PhD ESP
	Electronic Components and Systems	Bachelor EPP	–	–
	Electronic Devices and Equipment	Bachelor EPP	–	–
	Electronic Components, Devices and Systems	–	Master EPP	–
	Acoustic Electronic Systems and Acoustic Information Processing Technologies	Bachelor EPP	Master EPP	–
	Electronic Systems of Multimedia and Internet of Things Technology	Bachelor EPP	Master EPP	–
	Electronics	–	Master ESP	PhD ESP
	Information-Computing Means for Radio Electronic Systems	Bachelor EPP	Master EPP	–
	Radio Electronic Engineering	–	Master ESP	–
	Telecommunications and Radio Engineering	–	–	PhD ESP

*Comment: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

20. FACULTY OF INSTRUMENTATION ENGINEERING (FIE)

1. General description of specialists

Faculty of Instrumentation Engineering provides training in the development and maintenance of modern instruments and systems for various applications: measuring equipment of onboard complexes, diagnostic complexes for medical and General purposes, controlling devices energy-saving systems.

Graduates of the faculty work at instrument-making enterprises of the aviation and space profile, enterprises to introduce energy-saving technologies, with the development and implementation of modern medical diagnostic, fitness and medical facilities, transport and printing enterprises.

Students acquire knowledge and skills in using modern methods of building high-precision devices using microprocessor and computer technology, computer-aided design systems, and computer graphics.

2. Contact information

Acting Dean: Prof., Dr. of Tech. Sci., Hryhorii Tymchyk

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E-mail: deanpb@kpi.ua

Official website: pbf.kpi.ua

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
G7 Automation, Computer-Integrated Technologies and Robotics	Computer-Integrated Technologies and Robotics	Bachelor EPP	Master EPP	–
	Computer-Integrated Systems and Technologies in Instrumentation Engineering	Bachelor EPP	Master EPP	PhD ESP
	Automation and Computer Integrated Technologies	–	Master ESP	PhD ESP
G6 Information-Measuring Technologies	Information-Measuring Technologies	Bachelor EPP	Master EPP	–
	Metrology and Information-Measuring Technology	–	–	PhD ESP

Comment: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

21. FACULTY OF MANAGEMENT AND MARKETING (FMM)

1. General description of specialists

The faculty prepare professionals who are in demand in the contemporary national and international business landscape. It aims to cultivate leaders with a sound economic education, capable of meeting the needs of the ever-evolving global market. The faculty's core focus lies in the training of highly skilled specialists in the fields of management, economics, and business, empowering them to make informed decisions across various critical domains, including personnel management, production control, marketing strategies, and foreign trade activities. These competencies are instrumental in ensuring the efficient functioning of the economy.

Upon successful completion of their studies, FMM graduates attain prestigious professional titles such as economist, economic advisor, manager, expert, supervisor, inspector, and consultant. These designations underscore the comprehensive and versatile skill set they acquire during their academic journey, positioning them to excel in diverse roles within the economic and business sectors.

2. Contact information

Faculty Dean: Prof., Dr. of Econ. Sci., Maryna Kravchenko

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Tel.: +38 044 204 85 11, +38 044 204 81 73

E-mail: fmm@kpi.ua

Official website: <http://fmm.kpi.ua>

3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
C1 Economics and International Economic Relations; C1.01 Economics	Economic Analytics	Bachelor EPP	Master EPP	–
	Economic	Bachelor EPP	Master EPP	–
	Digital Economy and Management (interdisciplinary EP CD88: additional specialty D3 Management)	Bachelor EPP	–	–

C1 Economics and International Economic Relations;	Economics	–	–	PhD
C1 Economics and International Economic Relations; C1.02 International Economic Relations;	International Economics	Bachelor EPP	Master EPP	–
				–
D2 Finance, Banking, Insurance and Stock Market	Financial Management	Bachelor EPP	–	– –
D3 Management	Logistics	Bachelor EPP	Master EPP	
	Management of International Business	Bachelor EPP	Master EPP	–
	Management and Business Administration	Bachelor EPP	Master EPP	–
	Management of Enterprises of the Defence-Industrial Complex	–	Master EPP	
	Management	–	–	PhD
	Management and Production Engineering (interdisciplinary EP DG88: additional specialty G9 Applied Mechanics)	Bachelor EPP	–	
	Business Administration and Quality Management in Medical and Pharmaceutical Industry		Master EPP	–
D5 Marketing	Industrial Marketing	Bachelor EPP	Master EPP	–
	Marketing	–	–	PhD
D7 Trade	Commerce and Trade	Bachelor EPP	–	–

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

22. FACULTY OF BIOTECHNOLOGY AND BIOENGINEERING (FBB)

1. General description of specialists

The Faculty provides comprehensive training for highly skilled specialists in advanced sectors of biotechnology, including microbial synthesis of biologically active compounds, immunobiotechnology, genetic engineering, pharmaceutical biotechnology, ecobiotechnology, bioenergy, waste biodegradation, extraction of valuable substances from biomass and waste, pollutant biotesting, and engineering support for biotechnological and pharmaceutical production, as well as molecular biotechnology and bioinformatics.

Upon graduation, students are proficient in developing and implementing cutting-edge technological processes, designing equipment for biotechnological and pharmaceutical production, and effectively monitoring and protecting the environment from anthropogenic impacts using scientific methods. They also gain expertise in simulating biotechnological processes to determine optimal conditions for biosynthesis and waste biodestruction, as well as in restoring damaged ecosystems through the application of advanced mathematical methods and computer technologies.

The graduates' knowledge and skills are highly relevant to addressing contemporary challenges in biotechnology, playing a crucial role in driving innovation and sustainability in this rapidly evolving field. As they enter the workforce, these specialists are well-prepared to contribute to the advancement of biotechnological practices and the development of ground-breaking solutions to complex environmental and health-related issues.

2. Contact information

Dean: Prof., Dr. of Biology, Tetiana Todosiichuk

Address: 37 Prospekt Beresteiskyi, Ed. Building No 4, Kyiv, 03056, Ukraine

Tel.: +38 044 204 94 52, +38 044 204 83 12

E-mail: biotech@kpi.ua

Official website: biotech.kpi.ua

3. Educational Programs

Specialty	Educational Program Name	Levels of higher education		
		First	Second	Third
E1 Biology and Biochemistry	Applied Biology	–	–	PhD ESP
G21 Biotechnology and Bioengineering	Biotechnology	Bachelor EPP	Master EPP	PhD ESP
			Master ESP	
G11 Industrial Machinery Engineering	Industrial Machinery Engineering	–	–	PhD ESP

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

23. FACULTY OF LINGUISTICS (FL)

1. General description of specialists

During their studies, students explore fundamental and professionally-oriented disciplines in philology and translation, gaining practical experience in facilitating intercultural communication between representatives of their native culture and the cultures of two foreign languages. The curriculum also includes pedagogical subjects, equipping graduates to teach foreign languages in secondary and higher education institutions.

The Faculty prepares highly qualified professional translators who excel in various sectors of Ukraine's economy and business. Graduates become not only skilled translators but also foreign language instructors at Igor Sikorsky Kyiv Polytechnic Institute and other organizations.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
A1 Educational and Pedagogical Sciences	Contemporary Scientific Educational Studies	–	–	PhD ESP

B11 Philology B11.041 Germanic Languages and Literatures (Including Translation), Primary – English	Germanic Languages and Literatures (Including Translation), Primary – English	Bachelor EPP	Master EPP	–
	Germanic Languages and Literatures (Including Translation), Primary – English	–	Master EPP	–
B11 Philology B11.043 Germanic Languages and Literatures (Including Translation), Primary – German	Germanic Languages and Literatures (Including Translation), Primary – German			
	Industry-Specific Translation: English and a Second Western European Language	Bachelor EPP	Master EPP	–
B11 Philology B11.055 Germanic Languages and Literatures (Including Translation), Primary – French	Romanic Languages and Literatures (Including Translation), Primary – French	Bachelor EPP	Master EPP	–
	Industry-Specific Translation: French and a Second Western European Language			
B11 Philology	Philology	–	–	PhD ESP

*Note: EPP – Educational-Professional Program
ESP – Educational-Scientific Program*

24. FACULTY OF SOCIOLOGY AND LAW (FSL)

1. General description of specialists

The faculty prepares specialists in the fields of management, social work, and law. Professionals in administrative management and social work engage in labour planning, organization, data collection, and analysis, researching social structures, levels, and forms of human life in diverse sociocultural, regional, and national contexts. They provide social services and protection to the population, offering qualified assistance to various social, age, ethnic groups, and individuals. These specialists work in social planning and social policy in organizations and institutions of all ownership forms, as well as in non-governmental organizations.

Law students receive comprehensive knowledge in criminal, administrative, civil, labour, commercial, environmental, financial, and international law, as well as intellectual property law, notarial practice, and arbitration procedures. Upon graduation, they successfully pursue careers in law enforcement agencies, governmental bodies, legal services, banking institutions, and legal departments of state and commercial establishments.

2. Contact information

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3. Educational Programs

Specialty	Educational Program	Levels of higher education		
		First	Second	Third
C3 International Relations	International Relations and Digital Diplomacy	Bachelor EPP	–	–

D4 Public Management and Administration	Public Administration and Electronic Governance	–	Master EPP	
	Public Administration and Governance	Bachelor EPP	–	PhD ESP
C5 Sociology	Conflict Regulation and Mediation	Bachelor EPP	Master EPP	–
	Social Data Analytics	–	Master ESP	–
	Sociology	–	–	PhD
D8 Law	Law	Bachelor EPP	–	PhD
	Information Law and Intellectual Property Law	–	Master EPP	–
	Economic and Administrative Law and Process	–	Master EPP	–
C4 Psychology	Applied Psychology	Bachelor EPP	–	–
	Psychology	–	–	PhD
I10 Social Work	International Social Projects and Volunteering	Bachelor EPP	Master EPP	–
	Social Work	–	–	PhD
B10 Philosophy	Philosophy	–	–	PhD
B9 History and Archaeology	History	–	–	PhD
	European Studies Interdisciplinary EP BB88: additional specialty B10 (Philosophy)	–	Master ESP	–

Note: EPP – Educational-Professional Program

ESP – Educational-Scientific Program

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