

**«...faculty graduates are employed as project managers and leading specialists of the operating processes, equipment, control systems and software...»**



**INFORMATION  
PACKAGE**

**CHEMICAL ENGINEERING  
FACULTY**

Kyiv, 2016

---

## CONTENT

1. COMMON DESCRIPTION AND THE STRUCTURE OF FACULTY.....	2
2. EDUCATIONAL PROGRAMS.....	5
3. TRAINING AND LABORATORY BASE.....	7
4. RESEARCH ACTIVITY .....	10
5. INTERNATIONAL PROJECTS AND COLLABORATION.....	13
6. CONTACT INFORMATION.....	15

\*\*\* *The information is current as for 2016/2017 academic year. In the next academic year, there may be minor changes in the list of training directions, specialties, and specializations.*



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



# 1. COMMON DESCRIPTION AND THE STRUCTURE OF FACULTY



The **Chemical Engineering Faculty (CEF)** was established in 1938 and provides training in the field of mechanical engineering, resource saving, ecology and computer-integrated technologies that allow one to design, explore and operate technological processes, equipment and control systems for chemical and oil-refining industries, enterprises of building materials, pulp and paper production, plants for the processing of

polymer, environmental protection institutions.

Faculty graduates are employed as project managers and leading specialists of the operating processes, equipment, control systems and software on the enterprises of various forms of ownership.

## Structure

The faculty consists of 4 departments, Research and Development Center "Resource-Saving Technologies."

**1. Department of Automation of Chemical Industries** trains professionals with a degree in "Automation and Computer-Integrated Technologies" (specializations "Automation of Chemical-Technological Processes and Productions", "Computer-Integrated Technologies of Chemical and Oil-Refining Industries").

Computer control systems are an integral part of any industrial enterprises, financial institutions, telecom operators, government institutions and business (private) companies. Therefore, the development, rapid deployment, maintenance and upgrade of these systems requires highly skilled professionals who will design, develop and operate such systems.

Graduates who finished training program at the department to get a fundamental knowledge on:



- theory of automatic control;
- adaptive and Robust Systems;
- statistical analysis;
- the design of SCADA systems;
- programming (Java, C, C ++, PHP);
- intelligent data processing technologies;
- decision theory;



Foreign Economic Activity  
Office

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

Chemical Engineering Faculty

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



- technical means of automation;
- modeling and optimization systems.

Department graduates work in many world-renowned companies, including

- Microsoft,
- Google,
- Siemens,
- National Instruments,
- Mathworks,
- Samsung, and others.



**2. Department of Ecology and Technology of Plant Polymers** trains professionals with a degree in "Ecology" (specialization "Environmental Safety") and "Chemical Technology and Engineering" (specialization "Chemical Processing of Wood and Plant Materials").

In course of training students of "Ecology" obtain a comprehensive knowledge in environment protection, which is key to the successful implementation of them as experts in the sphere of their activity.

Graduates who are trained in "Chemical Technologies and Engineering", become specialists in the field of chemical technology and can work on the development and implementation of new or upgrading of existing process streams of producing pulp or cartonboard and paper products. Specialists and Masters, in addition, are capable of solving scientific problems of above-mentioned industries, carry out investigations to improve manufacturing processes and end-product quality.

**3. Department of Machines and Devices for Chemical and Oil Refining Industry** trains professionals with a degree in "Industrial Engineering" (specializations: "Engineering, Equipment and Technologies of Pulp and Paper Production", "Engineering, Equipment and Technologies of Chemical and Oil-Refining Industries").



Graduates of the department are obtained deep knowledge in:

- computer-aided design (Compass, AutoCad), modeling and control of technological processes (SolidWorks, Aveva PDMS)



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
 +380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)

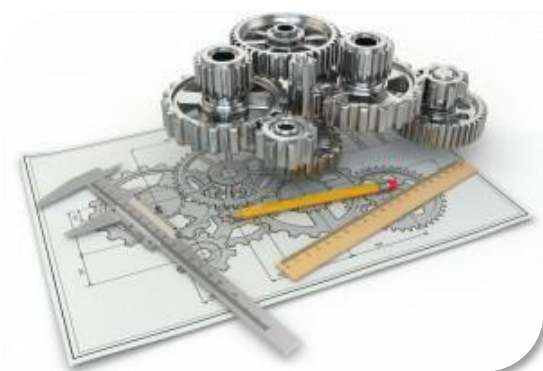


- programming in the Windows environment with the use of algorithmic high-level languages (Object Pascal, Delphi, Mathcad, MatLab) and computer systems hardware;
- higher mathematics, physics, technical drawing;
- processes and equipment of chemical, gas, oil-refining, biochemical and refrigerating manufactures;
- scientific research of processes;
- engineering and technological fundamentals of ecological safety in the chemical, petrochemical, and refrigeration industries.

All students study economics, management, marketing, and ecology.

Department graduates are employed successfully as the managers of enterprises of various ownership forms that are engaged in designing and operating of equipment of chemical, machine building, petrochemical, pharmaceutical, pulp and paper industries and the forestry industry; as the experts in organizations that monitor the demand for products of oil and gas industry, the ecological state of the environment, supervision of design, production, implementation and operation of biotechnological equipment, sales of cardboard and paper products.

During training, students acquire knowledge and skills to carry out advanced research; learn computer design of machines and devices, chemical and oil refining industries resource and energy saving, environmentally safe equipment of oil and gas refining, production and processing of polymers, membrane separation, intensification and optimization of technological processes; acquire operating skills of the installation, repair and diagnostics of the equipment of chemical plants.



**4. Department of Chemical, Polymer and Silicate Engineering** trains professionals with a degree in "Applied Mechanics" (specialization "Packaging Technology and Machines") and "Industrial Engineering" (specialization Engineering, Equipment and Production Technologies of Polymer and Building Materials and Products

Training programs are built in such a way as to prepare a fully developed, high-quality and modern specialist. Much attention is paid to both the theoretical fundamentals of the specialty, as well as practical exercises in which students create their own 3D designs, make their calculation and testing. Laboratories of the department are equipped with modern devices that are used on the leading factories and enterprises of the sector.



**Foreign Economic Activity Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
 +380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



Education provides learning in an expanded volume of computational mathematics, programming, simulation and optimization of processes, methods of the search of technical solutions and experimental studies, as well as the development and operation of automated systems and computer-aided design technology.

## 2. EDUCATIONAL PROGRAMS

**Levels of higher education.** Training of students at the FAM is carried out at several levels of higher education. The first (Bachelor's, I-IV years) – the students acquire knowledge in physics, mathematics, mechanics, computing, informatics, and special disciplines. During the IV year, they defend bachelor course work and receive qualification degree Bachelor. At the second level (Magistracy, V - VI years) training is carried out according to the Master's program. Students are trained and acquire relevant skills including laboratory practice. Additionally, students have the opportunity to continue their education in a graduate course, and then in a doctoral candidacy of the University.

**Terms of specialists training:** Bachelor (b) – 4 years; Master (m) – 2 years (standard terms of training in Bachelor's course and Magistracy), Graduate course / Doctoral candidacy lasts 3 years (4 years by the correspondence study).

Training of specialists is carried out on the full-time and correspondence forms of education.



**Foreign Economic Activity  
Office**

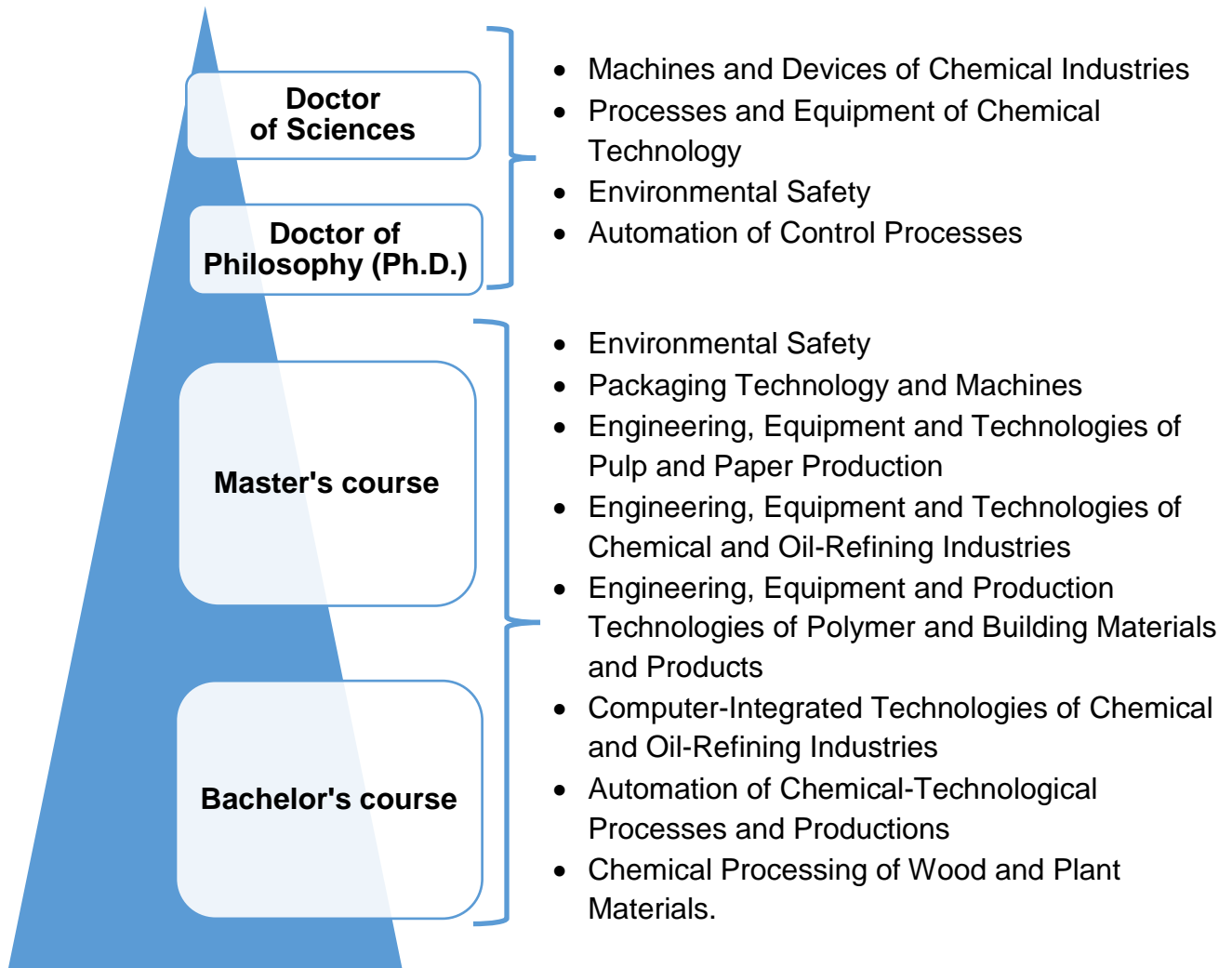
+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



### Specialties of students' training at the CEF:



**CEF graduates** work as heads of the project designs and the leading experts in technological processes operation, equipment, automated control systems, and software at the enterprises of various forms of ownership.



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



### 3. TRAINING AND LABORATORY BASE

Department uses both common Igor Sikorsky KPI and own premises for training sessions.

#### Department of Machines and Devices for Chemical and Oil-Refining Industries



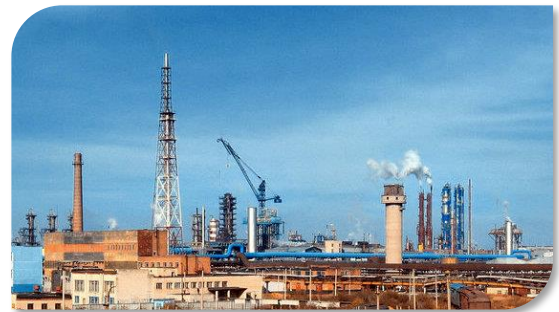
The following specialized laboratories operates at the department:

- Training and Scientific Laboratory of Hydrodynamics and Mass Exchange in Disperse Systems;
- Research Laboratory of Polymer Processing by Extrusion Techniques;
- Laboratory for Studies of Membrane Processes.

#### Department of Automation of Chemical Industries

Training is carried out on the basis of modern computer classrooms with the use of multimedia equipment.

Automation in modern society determines the innovative development of all spheres of human activity. Cars and home appliances, engineering and ship fittings are equipped with microprocessor-based automation tools. Full automation of modern production in all industries combines industrial computers, components, communications and local area networks, computer control and management of technological processes and machines, imaging systems, and machine vision software. You can learn how to design and create complex technological management system of production, with the help of modern SCADA-systems, at the Department of Automation of Chemical Industries.



Basic special disciplines for bachelors: Computer Technology (operating systems, C ++ Builder, Matlab, Mathcad, LabView, Simulink, AutoCad, MS Visio, etc.), Technical Means of Automation (Siemens, Bosh, Segnetics etc.), Programming, Theory of Automatic Control, Identification and Modeling of Technological Objects, Fundamentals of Computer-Aided Design Systems (SCADA systems).

Basic special disciplines of Masters' course: Technologies of Artificial Intelligence, Intelligent Systems, and Databases, Design tools for Automatic Information Systems,



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)





Optimization of Technological Processes and Management Systems, Computer Methods of Systems Design, Adaptive and Robust Systems.

In accordance with the curriculum, all students have practice at the leading enterprises of mechanical engineering, oil and gas industry and industrial enterprises of Ukraine.

### Department of Ecology and Technology of Plant Polymers



A special feature of training "Ecology" is that academic staff of the department consists of scientists, microbiologists, and separation of highly skilled analytical chemists, who train students in modern methods of controlling environmental pollution levels. The students acquire special knowledge in such disciplines: Environmental Management, Environmental Assessment, Environmental Audit, Mathematical Modeling in Environmental Protection, Environmental Monitoring, Biology, Hydrology and Geology, General Ecology, Environmental Economics, Radioecology, Analysis of Natural and Waste Water, Water Purification and Water Treatment, Design of Water Utilization Schemes, Recycling and Recovery of Waste, and others. Future specialists are actually getting the excellent chemical, biological and engineering education. The knowledge gained during the training, students are able to solidify in course of technological and pre-diploma practice in scientific institutions and enterprises of the sector:

- Dumansky Institute of Colloid Chemistry and Water Chemistry of the National Academy of Sciences of Ukraine (NASU);
- Ovcharenko Institute of Biocolloidal Chemistry of NASU;
- Chuyko Institute of Surface Chemistry of NASU;
- Vernadsky Institute of General and Inorganic Chemistry of NASU;
- Kyiv Cardboard and Paper Mill;
- State Environmental Inspectorate.

Students of the specialty "Chemical technology and engineering" in addition to general education and engineering disciplines, study chemistry and technology of production and processing of the most common and affordable natural polymers, which are constantly renewed in the nature of a significant scale, and attract the attention of researchers and technologists. The department developed and implemented a range of disciplines - wood manufacturing chemistry and macromolecular compounds, pulp production technology and comprehensive



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



utilization of wood pulp production technology, principles of design of enterprises, product certification industry, production and processing of paper and cardboard, production economics, the basics of management and marketing.

Students accumulate production skills during practice on the best companies in the industry and research institutes. The department has a branch in the Ukrainian Scientific - Research Institute of Paper. After completing the training, specialists get the chance to join a work at the 28 pulp and paper mills in Ukraine, enterprises of holding company "Ukrbumprom" and other organizations and institutions, specialized scientific - research and design institutes.

To date, the academic staff of department consists of 3 professors, 21 associate professor, 4 senior lecturers, 3 assistants, who teach more than 250 students of daytime and correspondence departments. Leading teachers of the department are the heads of research and development projects, who actively involve students. The best students of the department receive nominal scholarships of the President of Ukraine, the Verkhovna Rada, the Cabinet of Ministers of Ukraine, the Kyiv mayor, and Rector of Igor Sikorsky KPI.

The department has a postgraduate study on a specialty "Environmental Security", where 8 Ph.D. and 2 doctoral theses were defended in the last 5 years.

### Department of Chemical, Polymer and Silicate Engineering



Specialty "Engineering, Equipment and Production Technologies of Polymer and Building Materials and Products" provides the students' training in the modern design of manufacturing processes and equipment to implement them on the basis of computer-aided design, computer modeling, and analysis, in-depth understanding of the physical phenomena of nature and possibilities of their rational use.

Students are given the knowledge of general education, engineering and technical disciplines, information technology, as well as specialized courses. Education is built on a modern modular basis and includes not only theoretical studies but also laboratory work, computer workshops, field trips to relevant enterprises, in which students have the opportunity to decide on the future place of work and settle in the workplace.

Students of the specialty "Packaging Technologies and Machines" have the opportunity to study with the use of packaging production equipment installed in the teaching laboratories, study of related disciplines such as computer-aided design, and mechatronics. Students of department regularly win the All-Ukrainian Olympiad on



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



Mechatronics. Master's thesis students of this specialty are regular winners of the All-Ukrainian competition of student works in the field of packaging. Students can get practical skills during practice at the leading enterprises of the packaging industry and where the packaging is created, applied and implemented, such as:

- Tetra Pak Ukraine;
- OJSC «Vetropack Gostomel Glassworks»;
- Procter & Gamble;
- Coca-Cola Ukraine;
- Roshen.

The best students of the department receive nominal scholarships of the President of Ukraine, the Verkhovna Rada, the Cabinet of Ministers of Ukraine, the Kyiv mayor, and Rector of Igor Sikorsky KPI.

Students, who exhibit the ability to scientific work, is widely involved in research and development activity of department, inventive activity, and by the time of graduation commonly has patents and publications, as well as the experience of participation in scientific seminars and conferences, capable of presenting and defending the results of their work.

## 4. RESEARCH ACTIVITY

### *Department of Ecology and Technology of Plant Polymers*

- Development of new types of efficient, environmentally friendly reagents for purification of drinking and waste water of all kinds of production.
- Recycling of certain waste types, including toxic, with the purpose of production of marketable products.
- Creation of technology and small-sized non-traditional plants for waste water purification.
- Creation of technology for water purification from cesium and strontium radionuclides.
- Development of water purification technology from radioisotopes of cesium and strontium in the presence of surfactants.
- Development of physical and chemical technology of water treatment from petroleum.
- Development of effective processes of removing heavy metal ions from water.
- Development of technologies for integrated water treatment and the creation of water recycling systems.



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



- Development of catalytic gas cleaning methods from nitrogen and carbon oxides.
- Developing of ecologically clean and efficient inhibitors for water treatment in companies' water supply working systems.
- Creation of technologies for the production of cellulose, hemicellulose, pulpwood and non-wood raw materials, using them in the compositions of paper and cardboard.
- Investigation of environmentally friendly cellulose bleaching schemes.
- Improvement of existing and development of new methods for producing pulp suitable for chemical processing.
- Creation of new schemes for the microcrystalline cellulose from non-wood plant raw materials to meet the needs of the pharmaceutical industry.
- Development of technologies for production and application nanomaterials of vegetable origin in consumer products.
- Creating physical and chemical surface modification technology of plant polymers.
- Development of new technologies for the production of filter materials based on cellulose.
- Development of technologies for packaging consumer recycling of composite materials such as Tetra Pak.

### **Department of Machines and Devices for Chemical and Oil-Refining Industries**

- Investigation of the processes of dehydration and granulation of liquid systems to produce complex humic-mineral fertilizers.
- Development of the evaporation equipment and film sets.
- Investigation of polymer properties and creation of machines and equipment for their production and processing.
- Intensification of drying processes and the creation of a new drying equipment.
- Investigation of the processes of wood processing and producing paper products.
- Purification of wastewater and emissions of industrial plants.
- Protection of metals from corrosion.
- Research new membrane processes of liquids separation.
- Development of new polymer coatings and methods of their deposition.
- The drying process the fine paste of titanium dioxin.
- Paper drying process using radiation energy.
- Improving the vibroextrusion of fiber-concrete products.



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
 +380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



- Development of energy efficiency process for producing the humic-organic-mineral fertilizers.
- Experimental study of fluid flow and heat transfer in rotor-film devices.

### Department of Chemical, Polymer and Silicate Engineering

- Computer modeling of temperature and deformation fields.
- Development of energy-saving faucets.
- Technologies for the manufacture of composite materials.
- Software for simulation of nonlinear deformation.
- Software for 3D modeling.
- Modeling of the vortex stochastic processes.

### Department of Automation of Chemical Industries

Creating a computer integrated automatic control and management systems providing resource- and energy-saving modes of operation of technological processes and manufactures:

- Development and research of adaptive control systems;
- The use of statistical methods in the quality control systems;
- Development of software for simulators and chemical production process management systems;
- Modeling of objects with distributed parameters in various modes;
- Study the decentralized Automatic Control Systems for technological processes of paper and cardboard production;
- Integrated management and control systems of technological processes in production.



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
 +380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



## 5. INTERNATIONAL PROJECTS AND COLLABORATION

**Department of Chemical, Polymer and Silicate Engineering** maintains communications with institutions from Russia, USA, Canada, UK, Germany, Japan, China and other countries, and exchanges of scientific information, experts, and students. Academic staff and students of the department carry out scientific orders of leading companies in the world to develop a computer-aided design, production of new materials, modern equipment, and others.

**Department of Automation of Chemical Industries** is actively involved in the project TEMPO under the EU program «Erasmus Mundus». In this project, students have the opportunity to study and practice at leading universities in Europe (Italy, Portugal, Spain). Today, there are agreements in force with the following universities:

- Polytechnic University of Milan (Italy);
- University of A Coruña (Spain);
- Polytechnic Institute of Tomar (Portugal).

Scientific and academic exchange are carried out within the framework of international cooperation. In particular, delegations from the Polish universities actively participate in the annual international conference "Automation and Computer-Integrated Technologies", which is held on the basis of the department.

As part of the cooperation program with the European Union at the department operates a number of international agreements on cooperation:

- Agreement on scientific and technological, educational, academic cooperation with the Faculty of Natural Sciences and Technology of the University of Opole (Poland);
- Agreement within TEMPO project of the European Union program Erasmus Mundus Trans-European Mobility Project On Education for Sustainable Development (Armenia, Azerbaijan, Georgia, Belarus, Moldova, Ukraine);
- Agreement with UNIDO in the framework of the project on Resource Efficient and Cleaner Production.

**Department of Ecology and Technology of Plant Polymers** has partners:

- University of Central Europe, Skalica, Slovakia;
- International Institute for Industrial Environmental Economics, Lund, Sweden;



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



- Belarusian National Technical University, Minsk;
- Kirov State Forest Technical University, Russian Federation.

**Department of Machines and Devices for Chemical and Oil-Refining Industries** is actively involved in the project TEMPO under the EU program «Erasmus Mundus». In this project, students have the opportunity to study and practice at leading universities in Europe (Italy, Portugal, Spain).

Twice a year, International scientific-practical conference of students, graduate students and young scientists "Resource Saving Technologies and Equipment" is held at the department

A number of international agreements on cooperation are in force:

- Educational program for progressive method training of 3D modeling and design industries in cooperation with the firm of "AVEVA" (The agreement on cooperation with "AVEVA" (Russian Federation) number AB-021 50034);
- Agreement within EU TEMPO project for program Erasmus + Trans-European Mobility Project On Education for Sustainable Development (Armenia, Azerbaijan, Georgia, Belarus, Moldova, Ukraine).



**Foreign Economic Activity  
Office**

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

**Chemical Engineering Faculty**

+380 204-81-96  
 +380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)



## 6. CONTACT INFORMATION

- 1. Faculty Dean:** Prof., Doctor of Technical Sciences Panov E. N.  
*Address:* 39 Polytechnichna Street, Ed. Building 19, Room 506, Kyiv, Ukraine  
*Phones:* +380 236-40-52, +380 204-90-01  
*e-mail:* [ixf@ntu-kpi.kiev.ua](mailto:ixf@ntu-kpi.kiev.ua)  
*Official website:* [ihf.kpi.ua/](http://ihf.kpi.ua/)
- 2. Department of Automation of Chemical Industries**  
*Head of Department:* Prof., Doctor of Technical Sciences Zhuchenko A. I.  
*Phone:* +38(044) 204-91-48  
*Official website:* [ahv.kpi.ua](http://ahv.kpi.ua)
- 3. Department of Ecology and Technology of Plant Polymers**  
*Head of Department:* Prof., Doctor of Technical Sciences Gomelya N. D.  
*Phones:* +38(044) 204-91-40, +38(044) 236-60-83  
*Official website:* [eco-paper.kpi.ua/](http://eco-paper.kpi.ua/)
- 4. Department of Machines and Devices for Chemical and Oil-Refining Industries**  
*Head of Department:* Prof., Doctor of Technical Sciences Kornienko Ya. N.  
*Phone:* +38(044) 204-82-87, +38(044) 204-84-00  
*Official website:* [ci.kpi.ua/uk/](http://ci.kpi.ua/uk/)
- 5. Department of Chemical, Polymer and Silicate Engineering**  
*Acting Head of Department:* Prof., Ph.D. of Technical Sci. Sivetskyi V. I.  
*Phone:* +38(044) 204-84-30  
*Official website:* [cpsm.kpi.ua/](http://cpsm.kpi.ua/)



Foreign Economic Activity  
Office

+380 44 236 62 81  
[forea@kpi.ua](mailto:forea@kpi.ua)  
<http://forea.kpi.ua/>

Chemical Engineering Faculty

+380 204-81-96  
+380 236-40-14  
[its@kpi.ua](mailto:its@kpi.ua)  
[its.kpi.ua](http://its.kpi.ua)

