National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

SPECIALITIES AND EDUCATIONAL PROGRAMMES FOR MASTER'S DEGREE

CAREER DEVELOPMENT CENTRE

Igor Sikorsky Kyiv Polytechnic Institute

FACULTY OF APPLIED MATHEMATICS

113 Applied mathematics
Data science and mathematical modeling
121 Software engineering
Software engineering of multimedia and information retrieval systems
123 Computer engineering
System programming and specialized computer systems

FACULTY OF BIOMEDICAL ENGINEERING

122 Computer sciences
Computer technology in biology and medicine
163 Biomedical engineering
Medical engineering
Regenerative and biopharmaceutical engineering
227 Physical therapy, ergotherapy
Physical therapy, ergotherapy

FACULTY OF BIOTECHNOLOGY AND BIOTECHNICS

133 Industrial machinery engineering
Equipment of pharmaceutical and biotechnological productions
162 Biotechnology and bioengineering
Biotechnologies

FACULTY OF CHEMICAL ENGINEERING

101 Environmental studies
Environmental safety
131 Applied mechanics
Engineering of packaging products, processes and equipments
133 Industrial machinery engineering
Engineering and computer-integrated technologies for designing innovative industry equipment
151 Automation and computer-integrated technologies
Hardware and software for automation
161 Chemical technology and engineering
Industrial ecology and resource efficient cleaner technologies

FACULTY OF CHEMICAL TECHNOLOGY

161 Chemical technology and engineering
Chemical technologies of inorganic, electrode materials and water treatment
Chemistry and organic materials technology
Chemical technologies of inorganic and organic binders and composition materials

FACULTY OF ELECTRONICS

153 Micro- and nano-system technology
Electronic micro- and nanosystems and technologies
Micro- and nanoelectronics
171 Electronics
Acoustic electronic systems and technologies of acoustic information processing
Electronic components and systems
Electronic devices and equipment
Electronic systems of multimedia and internet of things technology
172 Telecommunications and radio engineering
Information-computing means of radio electronic systems

FACULTY OF ELECTRIC POWER ENGINEERING AND AUTOMATICS

141 Electrical energetics, electrical engineering and electromechanics
Alternative and renewable sources of energy
Control, protection and automation of electric power system
Electric machines and apparatus
Power plants
Electrical power systems and networks
Electromechanical automation systems, electrical drive and electromobility
Electrotechnical devices and electrotechnological complexes

Email: 2048593vsppr@gmail.com, rabota.kpi@gmail.com
Facebook: www.facebook.com/careerkpi.ua
Telegram: https://t.me/kpicareer
Phone: +38 (044) 204 85 93

robota.kpi.ua

FACULTY OF HEAT AND POWER ENGINEERING

121 Software engineering
Software engineering of intelligent cyber-physical systems and web technologies
122 Computer sciences
Computerized monitoring and geometric modeling of processes and systems
142 Power machinery
Engineering and computer technology of
143 Nuclear power engineering
Nuclear power plants
Nuclear security
144 Thermal power engineering
Heat power and power plants thermal heat installations
151 Automation and computer-integrated technologies
Automation and computer-integrated technologies of cyber-energy systems

FACULTY OF LINGUISTICS

035 Philology
Germanic languages and literatures (including translation), primary – english
Germanic languages and literatures (including translation), primary – german
Romance languages and literatures (including translation), primary – french

FACULTY OF MANAGEMENT AND MARKETING

051 Economics
Economic cybernetics
Economics of business enterprise
International economics
073 Management
Management and business administration
Media management and administration of publishing and printing industry
Management of investments and innovations
Management of international business
Logistics
Management of military industrial complex
075 Marketing
Industrial marketing

FACULTY OF SOCIOLOGY AND LAW

054 Sociology
Conflict regulation and mediation
081 Law
Information law and intellectual property law
Business and administrative law and process
231 Social work
International social projects and volunteering
281 Public management and administration
Public administration and electronic governance

FACULTY OF INFORMATICS AND COMPUTER SCIENCE

121 Software engineering
Computer systems software engineering
Information systems software engineering
123 Computer engineering
Computer systems and networks
126 Information systems and technologies
Dataware of robotic systems
Information management systems and technology
Integrated information systems

FACULTY OF INSTRUMENTATION ENGINEERING

151 Automation and computer-integrated technologies
Computer-integrated systems and technologies in instrument making
152 Metrology and information-measuring technology
Information measuring technologies

FACULTY OF PHYSICS AND MATHEMATICS

104 Physics and astronomy
Computer modelling of physical processes
111 Mathematics
Actuarial and financial mathematics

FACULTY OF RADIO ENGINEERING

172 Telecommunications and radio engineering
Radio-technical computerised systems
Information and communication radioengineering
Intelligent technologies of radioelectronic equipment

INSTITUTE FOR APPLIED SYSTEM ANALYSIS

122 Computer sciences
Intelligent service-oriented distributed computing
Systems and methods of artificial intelligence
Data mining and geoinformaticsa
124 System analysis
System analysis and control
System analysis of financial market

INSTITUTE OF AEROSPACE TECHNOLOGY

134 Aviation and aerospace technologies
Airplanes and helicopters
Aerospace and roket systems engineering
173 Avionics
Control systems of flight vehicles and complexes

INSTITUTE OF MACHINE ENGINEERING

131 Applied mechanics
Automated and robotic mechanical systems
Engineering design tool systems
Dynamics and strength of machines
Manufacturing engineering
Aircraft manufacturing technologies
Technologies of computer design of machine tools, robots and machinery
Engineering design tool systems
Artificial intelligence and robotics in mechanical engineering

INSTITUTE OF PUBLISHING AND PRINTING

023 Fine arts, decorative arts, restoration
Fine arts
061 Journalism
Advertising and public relations
Publishing and editing
133 Industrial machinery engineering
Computerized printing systems
186 Publishing and printing
Technology of printed and electronic publications

PATON INSTITUTE OF MATERIAL SCIENCE

131 Applied mechanics
Laser technology and computer-based processes of physicotechnical material treatment
Welding technology and engineering
Technological systems of joints and surfaces engineering
132 Materials science
Engineering and computer modeling in materials science
Nanotechnologies and computer-aided materials design
136 Metallurgy
Computer based casting processes

INSTITUTE OF ENERGY SAVING AND ENERGY MANAGEMENT

141 Electrical energetics, electrical engineering and electromechanics
Electric power distribution systems engineering
Energy management and energy efficient technologies
Engineering of intelligent electrotechnical and mechatronic complexes
144 Thermal power engineering
Energy management and engineering thermal heating system
184 Mining
Geoengineering

INSTITUTE OF PHYSICS AND TECHNOLOGY

105 Applied physics and nanomaterials
Applied physics
113 Applied mathematics
Mathematical metods of cryptographic security
Mathematical metods of computer modeling, pattern recognition and computer vision
125 Cyber security
Systems, technologies and mathematical methods of cyber security
Systems of technical protection of information

INSTITUTE OF TELECOMMUNICATION SYSTEMS

172 Telecommunications and radio engineering
Engineering and programming in infocommunications
Information and communication technologies
Electronic communication systems and networks

In connection with the reform of the higher education system, changes in the list of educational programs are possible