MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL TECHNICAL UNIVERSITY OF UKRAINE
“IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE”

DRAFT 2022

INTERNATIONAL ECONOMICS

PROFESSIONAL EDUCATIONAL PROGRAMME
The first (bachelor) level of higher education

Specialty	**051 Economics**
Knowledge branch	**05 -Social and behavioral sciences**
Qualification	**Bachelor of Economics**

DEVELOPED by the project team:

Project team leader:

Anna Kukharuk, PhD, Candidate of Economic Sciences, Associate Professor, Associate Professor of the Department of International Economics

Project team members:

Ivan Gaidutskiy Doctor of Economics, Professor, Head of the Department of International Economics

Yaroslava Hlushchenko, PhD, Candidate of Economic Sciences, Associate Professor, Associate Professor of the Department of International Economics

Natalia Skorobogatova, PhD, Candidate of Economic Sciences, Associate Professor, Associate Professor of the Department of International Economics

CONSIDERED:

1. Approved standard of higher education in specialty 051 Economics (Order of the Ministry of Education and Science №1244 of 13.11.2018);
2. Regulations on the development, approval, monitoring and review of educational programs at Igor Sikorsky Kyiv Polytechnic Institute (enforced by Order of 07.04.2020 №7 / 70), access mode https://osvita.kpi.ua/node/137;
3. Comments and suggestions from stakeholders and employers discussed at the meetings of the Educational and Methodological Commission for the specialty 051 "Economics";
4. Comments and proposals from academic staff discussed at the meeting of the Department of International Economics;
5. Discussion of the results of the internal self-assessment of the Department of International Economics (November 2020);
6. Comments and suggestions from higher education students studying in the specialty 051 "Economics" within the educational and professional program "International Economics."

Participants involved in the program development:

NOVAKIVSKYI Yevhen, Technical Director of LLC "Resource-Efficient Production Center" (by consent);
KHMILEVSKA Anastasiia, the first (bachelor's) degree applicant of the EPP “International Economics” (by consent);
ZROBOK Oleksii, the first (bachelor's) degree applicant of the EPP “International Economics” (by consent).

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1. Educational program profile, on specialty Economics 051

1 – General information	
Full name of the Higher Education Institution and the institute / faculty	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Department of International Economics
Higher education level and title of qualification in the original language	Educational level – The first (bachelor) level of higher education Educational qualification – Bachelor of Economics
EP official name	International Economics
Diploma type and EP scope	Bachelor diploma, 240 credits ECTS, training period 3 years 10 months
Accreditation availability	Accredited, the certificate No НД 1192537 valid to 2025-07-01
Program cycle / level	NQF of Ukraine - 6 level QF-EHEA – 1 cycle EQF-LLL – 6 level
Prerequisites	Complete general secondary education
Teaching language	Ukrainian, English
EP validity	Until 01.07.2025
Permanent placement of the educational program Internet address	https://ied.kpi.ua/uk/educational-programs https://osvita.kpi.ua/
2 – Educational program purpose	
The program aims to train highly qualified specialists in international economics who can: analyze international markets and development trends, assessing the impact of global and regional processes on the national economy and creating effective economic strategies. Ensure a high level of international cooperation through participation in negotiations, contract drafting, and international agreements. Study foreign economies and international security, evaluating investment opportunities, as well as political, social, and economic trends. Develop strategies for business and organizational growth, facilitating the adaptation of national economies to global integration processes and participation in international organizations. Implement sustainable development projects aimed at ensuring economic and social stability on a global scale. Manage international business processes, including international logistics, trade, investment, and global supply chain management. Make informed managerial decisions in international finance and insurance, including financial flow and resource management, risk analysis, financial reporting, foreign exchange operations, and international settlements. Provide economic consulting on international activities, assisting in market entry strategies, risk assessment, and compliance with international regulations. The goal of the educational and professional program aligns with the Development Strategy of Igor Sikorsky Kyiv Polytechnic Institute for 2020–2025, which focuses on shaping the society of the future by training a new generation of highly qualified specialists on an interdisciplinary basis. These specialists will be capable of creating modern knowledge and innovative technologies for the benefit of humanity, ensuring Ukraine's rightful place in the global community, and responding to the challenges of a globalized world.	
3 – Characteristics of the educational program	
Subject area	*Object of study:* general principles and patterns of socio-economic systems and processes functioning and development; socio- economic modeling, forecasting, and regulation; motivation and behavior of economic entities. *Training objectives:* training future experts that will have modern economic thinking, theory knowledge and practical skills necessary for solving problems in the subject area. Subject matter: terminology, categories, concepts, and principles

	of economic sciences. *Methodology and technologies:* general scientific methods of cognition and research activity, mathematical and statistical methods of economic analysis, economic and mathematical modeling, information and communication technologies of research, and dissemination and presentation of research results. *Tools and equipment:* modern information and communication technology equipment, information systems and software used in professional activity.
Aspect	Educational and professional
Main focus	The educational and professional program is designed to train specialists capable of analyzing international economic and integration processes, assessing changes in global markets and the impact of globalization on national economies. It develops skills for rapid professional adaptation and effective interaction at the international level. The program combines an interdisciplinary approach, practical orientation, and the use of modern teaching methods. It integrates innovative technologies, economic security, and sustainable development, while also emphasizing practical training through project-based activities, internships, and international partnerships. Keywords: microeconomics, macroeconomics, international economics, international economic relations, international finance, integration processes, foreign exchange operations, international insurance, investment, foreign economies, national economy, transnational corporations.
Features	The Educational and Professional Program "International Economics" is unique due to its focus on mastering both general and professional competencies of the 051 "Economics" specialty, its interdisciplinary approach, the use of modern teaching methods, high practical orientation, and the integration of international research and project materials. It provides the opportunity to develop an individualized educational trajectory, allowing students to tailor their studies to their personal career goals. Particular attention is given to an in-depth analysis of international markets, business strategies, and the practical application of knowledge through work with real-world cases and economic data. The program actively incorporates international experience, particularly through participation in joint projects, academic mobility, and collaboration with international experts. Collaboration with international universities and organizations enables students to gain valuable professional experience. Between 2018 and 2022, a joint educational project was implemented with the Norwegian University of Science and Technology in the field of Industry 4.0 education. The use of innovative methodologies and digital technologies allows students to master modern analytical tools and respond effectively to the challenges of the global economy. The continuous updating of the program, based on interaction with business representatives and research institutions, ensures its relevance and alignment with the demands of the modern labor market.
4 – Eligibility for employment	
Eligibility for employment	Graduates can work at enterprises of any organizational and legal form in positions (according to the Classifier of Professions of Ukraine DK 003: 2010): 2419.2 Professionals in all field`s of economics, business efficiency, production rationalization, intellectual property (business efficiency consultant, production rationalization consultant, sales economist, business efficiency specialist, production rationalization specialist). 2441. Professionals in the field of economics (junior research fellow (economics), research fellow (economics), research consultant (economics). 2441.2 Economists (international trade economist, labor economist, sales economist, investment analyst, credit analyst, accounting and economic activity

	analysis economist, material-technical support economist, planning economist, pricing economist, economic advisor, economic consultant, economic issues reviewer). 1210.1 Managers of enterprises, institutions, and organizations (chairman of the board; chairman of the board of directors; director (chief, other manager) of the enterprise; branch director; branch director). 1231. Managers of economic and administrative units (Economics Director; head of the economic unit). They can work as specialists and managers of economic units in enterprises of various organizational and legal forms, experts and consultants in foreign economic affairs, advisors and representatives in international organizations, trade and industrial chambers, representations of international companies, transnational corporations, joint ventures. Hold positions in the foreign economic departments of Ukrainian companies, institutions and organizations in the field of foreign economic activities, insurance companies, consulting organizations, banks, structures of central government and regional management bodies, scientific-production-technical complexes, scientific parks, research institutes and centers.
Further study	Continuation of studies at the second (educational-professional) level of higher education to obtain a master's degree and/or acquire additional qualifications within the (postgraduate) education system.
5 – Teaching and assessment	
Teaching and studying	Form of Study: Full-Time (Daytime). The educational process is based on a student-centered approach, self-directed learning, learning through practice, academic freedom, and integrity. Teaching is conducted through in-class sessions (lectures, practical work, computer-based training) using modern digital technologies, online courses, and independent study, which includes completing individual assignments. Practical training involves pre-graduation internships at enterprises of various ownership forms, as well as in government institutions and organizations, along with the completion of a thesis project. Additionally, students participate in practical training sessions, workshops, and guest lectures from industry professionals. The teaching methods incorporate problem-based learning, heuristic, information-receptive, instructional-practical, reproductive, and interactive approaches. Teamwork, discussions, analytical tasks, and practical case studies are actively used to develop students' key competencies. All educational information is provided in a timely and clear manner: details on learning objectives, content, expected outcomes, assessment procedures, and grading criteria are outlined in syllabus for educational components, which are available on the department’s official website and in the "Electronic Campus" System.

Assessment	The main types of assessment include current (ongoing) control, calendar-based control, semester control, and final attestation. Assessment activities such as current and semester control (examinations, pass/fail tests, completion of individual assignments), defense of internship reports, and defense of bachelor's qualification (diploma) projects are conducted based on clearly defined criteria within the Rating Assessment System (RAS). The Rating Assessment System (RAS) is based on the monitoring and accumulation of points for completed tasks. Information about the RAS and the requirements for current, calendar-based, and semester control are specified in the syllabus of each educational component and are communicated to students during the first class. Assessment conditions remain unchanged throughout the semester. The RAS for coursework assessment consists of two components: an initial component and a defense component, which are determined when the assignment is issued and communicated to students. The RAS for pre-graduation internship assessment also includes an initial component and a defense component, and students are informed about these requirements before the start of the internship. The RAS for the diploma (qualification) project considers the quality of project execution and the defense process. The defense takes place in an open session of the examination committee, and the results of the defended qualification project are announced on the day of the defense. The process of conducting assessment activities is regulated by the following official documents: 1) Regulations on current, calendar and semester control of learning outcomes at Igor Sikorsky Kyiv Polytechnic Institute, 2) Regulations on the system of evaluation of learning outcomes at Igor Sikorsky Kyiv Polytechnic Institute and 3) Regulations on the examination commission and certification of applicants for higher education in Igor Sikorsky Kyiv Polytechnic Institute.
6 – Program competence	
Integral competence	The ability to solve sophisticated specialized tasks and practical problems in the economic sphere characterized by the complexity and uncertainty of conditions that require applying economic science theories and methods.
General competencies (GC)	
GC 1	An ability to exercise one's rights and duties as a member of society; be mindful of the civil (democratic) society's values and the importance of its sustainable development, the supremacy of law, and human and civil rights and freedoms in Ukraine
GC 2	An ability to preserve moral, cultural, and scientific values; multiply the achievements of society based on the understanding of history and development patterns of the subject area, its place in the general knowledge of nature, civilization, and the societal and technological development; participate in different kinds of physical activities for active recreation and healthy lifestyle
GC 3	Abstract, analytical, and synthetic thinking skills
GC 4	An ability to apply knowledge in practice
GC 5	An ability to communicate in the official language orally and in writing
GC 6	An ability to communicate in a foreign language
GC 7	Information and communication technology skills
GC 8	An ability to research, process, and analyze data collected from various sources
GC 9	An ability to adapt and adjust to changing circumstances.
GC 10	Critical and reflective thinking skills
GC 11	An ability to make sound decisions
GC 12	Interpersonal communication skills
GC 13	An ability to act in a socially responsible and conscious way

Professional competencies (PC)	
PC 1	An ability to demonstrate knowledge and understanding of problems in the subject area and basics of modern economies functioning at international, micro-, macro-, and mesoeconomic levels
PC 2	An ability to carry out professional activities in accordance with current regulatory and legal acts
PC 3	Understanding the features of leading scientific schools and areas of economic science
PC 4	An ability to explain economic and social phenomena and processes based on theoretical models; analyze and meaningfully interpret the findings
PC 5	Understanding the features of the modern world and national economy and its institutional structures; an ability to substantiate the mainstays of social, economic, and foreigneconomic policies of the state
PC 6	An ability to apply economic-mathematical methods and models in economic problemsolving
PC 7	An ability to use computer technologies and data processing software in economic problem-solving, data analysis, and preparation of evaluation reports
PC 8	An ability to analyze and solve economic and social-labor relationships problems
PC 9	An ability to forecast on the basis of standard theoretical and econometric models of socioeconomic processes
PC 10	An ability to use modern sources of economic, social, managerial, and accounting information to draft official documents and evaluation reports
PC 11	An ability to substantiate economic decisions based on the patterns of economic systems and processes using state-of-the-art methodological tools
PC 12	An ability to identify economic problems independently when analyzing specific cases and suggest ways to solve them
PC 13	An ability to conduct an economic analysis of business entities' development and functioning and evaluate their competitive strength
PC 14	An ability to analyze problems and phenomena of a single or few professional fields in depth, taking economic risks and socio-economic impacts into account
PC 15	Ability to assess the characteristics of national and foreign economies, analyze international business, and study Ukraine's economic activities to develop well-founded analytical and strategic decisions in the field of international economics
PC 16	Ability to analyze European integration processes, evaluate their impact on the national economy, study the activities of transnational corporations, and develop effective investment strategies in the context of the global economic environment
PC 17	Ability to analyze international financial relations, assess the mechanisms of international finance and currency operations, and apply financial instruments and insurance to ensure the stability and efficiency of international economic processes
PC 18	Ability to analyze Ukraine’s international economic activities, evaluate the characteristics of national and foreign economies, and determine their interconnections and impact in the global economic environment
PC 19	Ability to assess the characteristics of the national economy and international financial relations, analyze economic development in a global context, study European integration processes and their impact, and conduct economic analysis of international business
7 – Program learning outcomes (PLO)	
PLO 1	Regard themselves as members of civil and scientific societies, recognize the supremacy of law, particularly in professional activity, understand and use their rights and freedoms, show respect for the rights and freedoms of other people, team members in particular
PLO 2	Adhere to the moral, cultural, and scientific values, multiply the achievements of society in socioeconomics, promote a healthy lifestyle
PLO 3	Understand and use economic terminology, explain basic concepts of micro- and macroeconomics

PLO 4	Understand principles of economic science and characteristics of economic systems functioning
PLO 5	Employ analytical and methodical tools for substantiation of recommendations and managerial decision-making for various economic agents (individuals, households, enterprises, and public authority)
PLO 6	Use professional arguments to convey information, ideas, problems, and ways of solving them to the experts and non-experts in economic activity
PLO 7	Explain models of socio-economic phenomena from the standpoint of fundamental principles and knowledge based on the understanding of economic science development mainstays
PLO 8	Apply appropriate economic-mathematical methods and models for problem-solving in economics
PLO 9	Be aware of the modern world and national economy features, institutional structure, and mainstays of social, economic, and foreigneconomic state policies
PLO 10	Conduct the analysis of the functioning and development of business entities, identification of functional areas, and calculat ions of relevant indices characterizing the effectiveness of their performance
PLO 11	Analyze the state and market regulation processes of socio-economic and employment relations
PLO 12	Apply obtained theoretical knowledge for practical problem-solving and meaningful interpretation of findings
PLO 13	Understand the socio-economic data analysis and collection methods, identify relevant sources, collect and analyze necessary data, and calculate economic and social indicators
PLO 14	Identify and plan personal professional development opportunities
PLO 15	Demonstrate basic creative and critical thinking skills in research and professional communication
PLO 16	Work with research and analytical texts in economics: use data, make arguments, critically evaluate logic, and draw relevant conclusions
PLO 17	Conduct interdisciplinary analysis of socioeconomic phenomena and problems in a single or few professional fields with consideration of risks and potential socio- economic impacts.
PLO 18	Use normative and legal acts regulating professional activity
PLO 19	Use information and communication technologies for socio-economic problem- solving and drafting and presentation of evaluation reports
PLO 20	Master oral and written professional communication skills in official and foreign languages
PLO 21	Harness abstract thinking skills, analyze and synthesize data to identify key features of multilevel economic systems and behavior of their entities
PLO 22	Show flexibility and adaptability in new contexts and while working with new objects under uncertainty
PLO 23	Harness independent working skills as well as critical, creative, and reflective thinking skills
PLO 24	Act in a socially responsible and conscious way based on ethical principles, respect and value cultural diversity and people's idiosyncrasies
PLO 25	Ability to conduct a comprehensive analysis of the international business environment, assess economic processes in foreign countries, identify key factors of their development, and apply acquired knowledge to make effective managerial and strategic decisions in the field of international economics
PLO 26	Ability to analyze the structural characteristics of the national economy, evaluate the outcomes of Ukraine's international activities, and study integration processes to develop effective economic policies
PLO 27	Ability to assess macro- and microeconomic trends in foreign countries, identify investment risks and opportunities, and develop capital attraction strategies to ensure sustainable

	economic growth
PLO 28	Ability to apply modern capital management methods in international business, critically evaluate investment projects, develop strategies for attracting foreign direct investment, and analyze the short-term and long-term consequences of investment resource inflows into the national economy
PLO 29	Ability to analyze international financial relations, evaluate the effectiveness of currency transactions, develop investment strategies in dynamic financial markets, and implement risk management principles in the context of international insurance
PLO 30	Ability to analyze the functioning of international financial system mechanisms, financial relations, currency operations, and international settlements, as well as apply economic analysis methods to make well-grounded financial and economic decisions in international business
PLO 31	Ability to analyze European integration processes, assess their impact on the economic development of foreign countries and Ukraine, study international economic activities in the context of global economic changes, and formulate well-reasoned mechanisms of economic interaction
PLO 32	Ability to analyze the activities of transnational corporations, evaluate their impact on global economic processes, develop strategies for international business, and apply modern approaches to managing transnational companies in the context of global market uncertainty

8 - Resource support for the implementation of the program	
Staffing	The Department of International Economics has a highly qualified team of professors and lecturers who fully comply with the staffing requirements established by the Licensing Terms for Educational Activities. These requirements were approved by the decree № 1187 of the Cabinet of Ministers of Ukraine on December 30, 2015, and remain in effect in the current version.
Material-technical support	According to the technological requirements for the material and technical support of educational activities of the corresponding level of higher education, approved by the Cabinet of Ministers of Ukraine on December 30, 2015, No. 1187 with amendments in the current version. Students have access to the material and technical facilities of Igor Sikorsky Kyiv Polytechnic Institute, which include academic buildings, a library, a Physical Education and Sports Center (with a swimming pool, climbing wall, open stadium, and tennis courts), a cafeteria, a medical center, recreation areas, a Center for Culture and Arts, the State Polytechnic Museum, the "Veza" Art Space, and dormitories. The educational process takes place in modern classrooms equipped with multimedia technology, computer workstations with the necessary software, and Internet access.
Information and methodical support of the educational process	According to the technological requirements for the educational and methodological support of educational activities at the corresponding level of higher education , approved by the Cabinet of Ministers of Ukraine on December 30, 2015, № 1187 with amendments in the current version. Information support for the educational process is provided through the official website of the Department of International Economics, the department's and dean's office communication channels, the Facebook pages of the department and the Faculty of Management and Marketing, as well as the "Electronic Campus" system. All key educational materials, including the educational program, curricula, catalogs of elective courses, and syllabuses, are available on the department's website.

	Educational and methodological resources are accessible at the Scientific and Technical Library of Igor Sikorsky KPI, which operates on the basis of the automated library system Aleph (Web-OPAC license). Students also have access to subscribed scientometric databases, including Scopus, Web of Science, as well as free Internet access. The educational process is supported by a wide range of educational and methodological materials, including textbooks, lecture notes, and learning resources on the ELAKPI platform, as well as online courses on the "Sikorsky" platform. To organize the learning process, automated systems such as, "Electronic Campus," and AS "Dean's Office" are used. The educational process incorporates modern software and technical tools, including Zoom Education, Google Workspace for Education, Moodle, and the Microsoft Office suite (MS Excel, MS Access). The university also supports elements of blended learning, allowing educational materials to be provided online in a distance (during the pandemic).
9 - **Academic mobility**	
National credit mobility	Higher education applicants can participate in the national credit mobility programs under the agreement with Odessa Polytechnic National University in particular. Exchange between partner universities is also possible upon approval of course content with corresponding disciplines at related higher education institutions. Additionally, this opportunity will be available after concluding relevant agreements on academic exchange programmes with other higher education institutions.
International credit mobility	Applicants have the opportunity to participate in international events and educational programs within the framework of cooperation agreements with partner universities. They can also exercise their right to initiative mobility by independently choosing a university. Additionally, applicants have the right to participate in international academic mobility programs coordinated by the Academic Mobility Office of Igor Sikorsky Kyiv Polytechnic Institute. In particular, they can study under the Erasmus+ K1, Eurasia, Horizon 2020 program on a competitive basis within the framework of bilateral agreements with partner universities. Further expansion of academic exchange opportunities is planned through the conclusion of new agreements with other educational institutions.
Study of Foreign applicants of HE	Teaching for students proficient in the Ukrainian language is conducted in general groups, or in separate groups in English

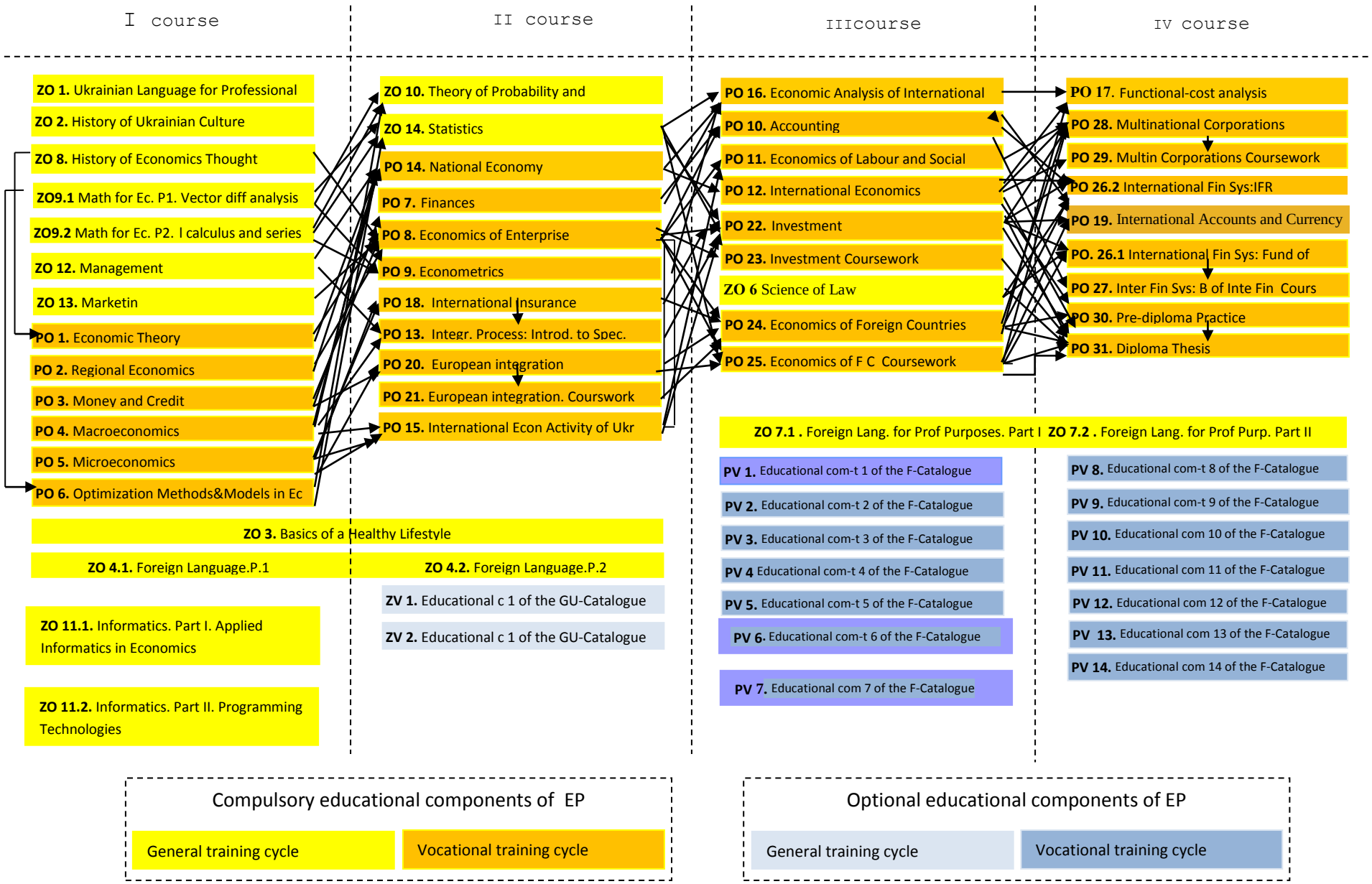
2. 2. EDUCATIONAL COMPONENTS

Code	Components of the educational program (disciplines, course projects / works, practice, qualification work)	ECTS credits	Final control measure form
1. Required (standard) components of the EP			
1.1. General training cycle			
ZO 1	Ukrainian language for Professional Purposes	2	Test
ZO 2	History of Ukrainian Culture	2	Test
ZO 3	Basics of a healthy lifestyle	3	Test
ZO 4.1	Foreign Language. Part I	3	Test
ZO 4.2	Foreign Language. Part II	3	Test
ZO 5	Philosophy	2	Test
ZO 6	Science of Law	2	Test
ZO 7.1	Foreign Language for Professional Purposes. Part I	3	Test
ZO 7.2	Foreign Language for Professional Purposes. Part II	3	Exam
ZO 8	History of Economics Thought	4,5	Exam
ZO 9.1	Mathematics for Economists. Part I. Vector and Differential Aanalysis	3,5	Test
ZO 9.2	Mathematics for Economists. Part II. Integral Calculus and Series	4	Exam
ZO 10	Theory of Probability and Mathematical Statistics	5	Exam
ZO 11.1	Informatics. Part I. Applied Informatics in Economics	3	Test
ZO 11.2	Informatics. Part II. Programming Technologies	3	Test
ZO 12	Management	3,5	Test
ZO 13	Socially Responsible Marketing	3,5	Test
ZO 14	Statistics	5	Exam
1.2. Professional training cycle			
PO 1	Economic Theory	4,5	Exam
PO 2	Regional Economics	3,5	Test
PO 3	Money and Credit	4	Exam
PO 4	Macroeconomics	4,5	Exam

PO 5	Microeconomics	4	Test
PO 6	Optimization Methods and Models in Economics	4,5	Exam
PO 7	Finances	5	Exam
PO 8	Economics of Enterprise	5	Test
PO 9	Econometrics	4,5	Test
PO 10	Accounting	4,5	Exam
PO 11	Economics of Labour and Social Labour Relations	5	Exam
PO 12	International Economics	4,5	Exam
PO 13	Integration Processes:Introduction to Specialty	3	Test
PO 14	National Economy	4,5	Test
PO 15	International Economic Activity of Ukraine	5	Exam
PO 16	Economic Analysis of International Business	4	Exam
PO 17	Functional-cost analysis	3,5	Test
PO 18	International Insurance	4	Exam
PO 19	International Accounts and Currency Operations	5	Exam
PO 20	European integration	3.5	Test
PO 21	European integration. Coursework	1	Test
PO 22	Investment	4.5	Exam
PO 23	Investment. Coursework	1	Test
PO 24	Economics of Foreign Countries	4	Exam
PO 25	Economics of Foreign Countries. Coursework	1	Test
PO 26.1	International financial system. Part I. Fundamentals of International Finance	3	Test
PO 26.2	International financial system. Part II. International Financial Relations	3.5	Exam
PO 27	International Financial System. Coursework	1	Test
PO 28	Multinational Corporations	4	Exam
PO 29	Multinational Corporations. Coursework	1	Test

PO 30	Pre-diploma Practice	6	Test
PO 31	Diploma Thesis	6	Defence
2. Elective components			
2.1. General training cycle			
ZV 1	Educational component 1 of the GU-Catalogue	2	Test
ZV 2	Educational component 2 of the GU-Catalogue	2	Test
2.2. Professional training cycle			
PV 1	Educational component 1 of the F-Catalogue	4	Test
PV 2	Educational component 2 of the F-Catalogue	4	Test
PV 3	Educational component 3 of the F-Catalogue	4	Test
PV 4	Educational component 4 of the F-Catalogue	4	Test
PV 5	Educational component 5 of the F-Catalogue	4	Test
PV 6	Educational component 6 of the F-Catalogue	4	Test
PV 7	Educational component 7 of the F-Catalogue	4	Test
PV 8	Educational component 8 of the F-Catalogue	4	Test
PV 9	Educational component 9 of the F-Catalogue	4	Test
PV 10	Educational component 10 of the F-Catalogue	4	Test
PV 11	Educational component 11 of the F-Catalogue	4	Test
PV 12	Educational component 12 of the F-Catalogue	4	Test
PV 13	Educational component 13 of the F-Catalogue	4	Test
PV 14	Educational component 14 of the F-Catalogue	4	Test
Total scope of the required components::		**180**	
Total scope of the elective components:		**60**	
TOTAL SCOPE OF THE EDUCATIONAL PROGRAMME		**240**	

3. STRUCTURAL AND LOGICAL SCHEME OF THE EDUCATIONAL PROGRAM



4. FORM OF A STUDENTS` CERTIFICATION

The form of attestation for degree pursuers	Higher education student certification under the "International Economics" educational program, 051 "Economics" specialty, is carried out as public qualifying thesis defense is conducted in the form of a public defense of the qualification thesis. Successful completion of the certification process results in the issuance of an official document confirming the awarding of a Bachelor's degree in Economics.
Requirements for qualification work	The qualification thesis (Diploma Thesis) must involve solving a complex specialized task or practical problem in the field of international economics and apply economic theories and methods. Certification of applicants is regulated by the Regulations on the Examination Commission and Certification of Higher Education Applicants in Igor Sikorsky Kyiv Polytechnic Institute. The qualification thesis must not contain academic plagiarism, falsification, or copying. A thesis is checked for plagiarism following the Regulations on the system of prevention of academic plagiarism at the National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute». Upon successful defense, the Diploma Thesis is uploaded to the University's Scientific and Technical Library repository for public access. The publication of Diploma Thesis containing restricted-access information must be carried out in compliance with a legal requirements. In the event of the remote mode of education, certification is performed in compliance with Regulations for semester tests and Thesis Defenses as well as qualifying Examinations in the Remote Format.

5. MATRIX OF PROGRAM COMPETENCIES ALIGNMENT WITH THE COMPONENTS OF THE EP

5.1. Required (standard) components of the EP

	ЗО 1 SG 1	ЗО 2 SG 2	ЗО 3 SG 3	ЗО 4.1 SG 4.1	ЗО 4.2 SG 4.2	ЗО 5 SG 5	ЗО 6 SG 6	ЗО 7.1 SG 7.1	ЗО 7.2 SG 7.2	ЗО 8 SG 8	ЗО 9.1 SG 9.1	ЗО 9.2 SG 9.2	ЗО 10 SG 10	ЗО 11.1 SG 11.1	ЗО 11.2 SG 11.2	ЗО 12 SG 12	ЗО 13 SG 13	ЗО 14 SG 14
ЗК 1/ GC 1						+	+											
ЗК 2 / GC 1		+	+			+				+								
ЗК 3 / GC 1						+				+	+	+	+	+	+			+
ЗК 4 / GC 1														+	+			
ЗК 5 / GC 1	+																	
ЗК 6 / GC 1				+	+			+	+									
ЗК 7 / GC 1																		+
ЗК 8 / GC 1								+	+								+	+
ЗК 9 / GC 1													+			+	+	
ЗК 10 / GC10										+			+			+		
ЗК 11 / GC11											+	+				+		
ЗК 12 / GC12	+	+		+	+			+	+							+		
ЗК 13 / GC13			+				+			+			+				+	
СК 1 / PC 1																		
СК 2 / PC 2							+											
СК 3 / PC 3										+								
СК 4 / PC 4																		+
СК 5 / PC 5																		
СК 6 / PC 6											+	+						+
СК 7 / PC 7														+	+			+
СК 8 / PC 8																		
СК 9 / PC 9																		+
СК 10 / PC 10																		+
СК 11 / PC 11													+					+
СК 12 / PC 12													+			+	+	
СК 13 / PC 13																	+	
СК 14 / PC 14																+	+	
СК 15 / PC 15																		
СК 16 / PC 16																		
СК 17 / PC 17																		
СК 18 / PC 18																		
СК 19 / PC 19																		

5.2. Professional training cycle

	ПО 1 SP 1	ПО 2 SP 2	ПО 3 SP 3	ПО 4 SP 4	ПО 5 SP 5	ПО 6 SP 6	ПО 7 SP 7	ПО 8 SP 8	ПО 9 SP 9	ПО 10 SP 10	ПО 11 SP 11	ПО 12 SP 12	ПО 13 SP 13	ПО 14 SP 14	ПО 15 SP 15	ПО 16 SP 16	ПО 17 SP 17	ПО 18 SP 18	ПО 19 SP 19	ПО 20 SP 20	ПО 21 SP 21	ПО 22 SP 22	ПО 23 SP 23	ПО 24 SP 24	ПО 25 SP 25	ПО 26.1 SP 26.1	ПО 26.2 SP 26.2	ПО 27 SP 27	ПО 28 SP 28	ПО 29 SP 29	ПО 30 SP 30	ПО 31 SP 31
ЗК 1/ GC 1											+			+																	+	
ЗК 2 / GC 2																																
ЗК 3 / GC 3						+	+			+		+				+						+	+							+		+
ЗК 4 / GC 4			+	+	+	+	+		+	+		+			+			+	+	+	+	+	+								+	+
ЗК 5 / GC 5	+			+	+																										+	+
ЗК 6 / GC 6																															+	+
ЗК 7 / GC 7																			+												+	+
ЗК 8 / GC 8		+		+	+		+		+	+					+					+	+			+	+					+	+
ЗК 9 / GC 9													+					+	+												+	
ЗК 10 / GC10											+																				+	+
ЗК 11 / GC11	+									+						+	+	+		+	+	+	+						+	+	+	+
ЗК 12 / GC12											+																				+	
ЗК 13 / GC13	+													+						+	+			+	+						+	+
СК 1 / PC 1		+	+	+	+			+				+	+	+		+															+	+
СК 2 / PC 2							+			+			+		+				+							+	+	+			+	
СК 3 / PC 3	+		+											+																		+
СК 4 / PC 4	+	+	+		+	+	+				+	+				+				+	+					+	+	+	+	+		+
СК 5 / PC 5		+	+	+								+	+	+	+					+	+			+	+						+	+
СК 6 / PC 6						+										+						+	+						+	+	+	+
СК 7 / PC 7									+																						+	+
СК 8 / PC 8				+	+						+							+						+	+				+	+	+	+
СК 9 / PC 9									+																	+	+	+				+
СК 10 / PC 10								+		+					+			+										+	+	+	+
СК 11 / PC 11	+			+	+	+	+	+									+	+		+	+	+	+			+	+	+			+	+
СК 12 / PC 12								+								+			+			+	+	+	+						+	+
СК 13 / PC 13		+	+					+								+	+							+	+						+	+
СК 14 / PC 14							+				+				+			+				+	+	+	+						+	+
ФК 15 / PC 15														+	+	+								+	+						+	+
СК 16 / PC 16																				+	+	+	+						+	+	+	+
СК 17 / PC 17																		+	+							+	+	+			+	+

	ПО 1 SP 1	ПО 2 SP 2	ПО 3 SP 3	ПО 4 SP 4	ПО 5 SP 5	ПО 6 SP 6	ПО 7 SP 7	ПО 8 SP 8	ПО 9 SP 9	ПО 10 SP 10	ПО 11 SP 11	ПО 12 SP 12	ПО 13 SP 13	ПО 14 SP 14	ПО 15 SP 15	ПО 16 SP 16	ПО 17 SP 17	ПО 18 SP 18	ПО 19 SP 19	ПО 20 SP 20	ПО 21 SP 21	ПО 22 SP 22	ПО 23 SP 23	ПО 24 SP 24	ПО 25 SP 25	ПО 26.1 SP 26.1	ПО 26.2 SP 26.2	ПО 27 SP 27	ПО 28 SP 28	ПО 29 SP 29	ПО 30 SP 30	ПО 31 SP 31
СК 18 / РС 18														+	+									+	+						+	+
СК 19 / РС 19														+		+				+	+					+	+	+			+	+

6. MATRIX OF PROGRAM LEARNING OUTCOMES ALIGNMENT WITH THE RELEVANT COMPONENTS OF THE EP

6.1. General training cycle

	ЗО 1 SG 1	ЗО 2 SG 2	ЗО 3 SG 3	ЗО 4.1 SG 4.1	ЗО 4.2 SG 4.2	ЗО 5 SG 5	ЗО 6 SG 6	ЗО 7.1 SG 7.1	ЗО 7.2 SG 7.2	ЗО 8 SG 8	ЗО 9.1 SG 9.1	ЗО 9.2 SG 9.2	ЗО 10 SG 10	ЗО 11.1 SG 11.1	ЗО 11.2 SG 11.2	ЗО 12 SG 12	ЗО 13 SG 13	ЗО 14 SG 14
ПРН 1/PLO 1						+	+											
ПРН 2/PLO 2		+	+			+				+								
ПРН 3/PLO 3										+								
ПРН 4/PLO 4										+								
ПРН 5/PLO 5																+		
ПРН 6/PLO 6														+	+			
ПРН 7/PLO 7										+								
ПРН 8/PLO 8											+	+	+					+
ПРН 9/PLO 9																		
ПРН 10/PLO 10																	+	
ПРН 11/PLO 11							+										+	+
ПРН 12/PLO 12											+	+	+					
ПРН 13/PLO 13																		+
ПРН 14/PLO 14								+	+							+		
ПРН 15/PLO 15																	+	
ПРН 16/PLO 16										+								+
ПРН 17/PLO 17																+	+	
ПРН 18/PLO 18							+											
ПРН 19/PLO 19														+	+			
ПРН 20/PLO 20	+			+	+			+	+									
ПРН 21/PLO 21						+				+	+	+	+					
ПРН 22/PLO 22																+	+	
ПРН 23/PLO 23														+	+			
ПРН 24/PLO 24		+	+							+						+	+	
ПРН 25/PLO 25																		
ПРН 26/PLO 26																		
ПРН 27/PLO 27																		
ПРН 28/PLO 28																		
ПРН 29/PLO 29																		
ПРН 30/PLO 30																		

	ЗО 1 SG 1	ЗО 2 SG 2	ЗО 3 SG 3	ЗО 4.1 SG 4.1	ЗО 4.2 SG 4.2	ЗО 5 SG 5	ЗО 6 SG 6	ЗО 7.1 SG 7.1	ЗО 7.2 SG 7.2	ЗО 8 SG 8	ЗО 9.1 SG 9.1	ЗО 9.2 SG 9.2	ЗО 10 SG 10	ЗО 11.1 SG 11.1	ЗО 11.2 SG 11.2	ЗО 12 SG 12	ЗО 13 SG 13	ЗО 14 SG 14
ПРН 31/PLO 31																		
ПРН 32/PLO 32																		

6.2. Professional training cycle

	ПО 1 SP 1	ПО 2 SP 2	ПО 3 SP 3	ПО 4 SP 4	ПО 5 SP 5	ПО 6 SP 6	ПО 7 SP 7	ПО 8 SP 8	ПО 9 SP 9	ПО 10 SP 10	ПО 11 SP 11	ПО 12 SP 12	ПО 13 SP 13	ПО 14 SP 14	ПО 15 SP 15	ПО 16 SP 16	ПО 17 SP 17	ПО 18 SP 18	ПО 19 SP 19	ПО 20 SP 20	ПО 21 SP 21	ПО 22 SP 22	ПО 23 SP 23	ПО 24 SP 24	ПО 25 SP 25	ПО 26.1 SP 26.1	ПО 26.2 SP 26.2	ПО 27 SP 27	ПО 28 SP 28	ПО 29 SP 29	ПО 28 SP 30	ПО 29 SP 31
ПРН 1/PLO 1											+																				+	+
ПРН 2/PLO 2	+																															+
ПРН 3/PLO 3	+			+	+							+		+																		+
ПРН 4/PLO 4	+	+	+		+		+	+						+			+			+	+	+	+	+	+	+	+	+				+
ПРН 5/PLO 5																+	+	+				+	+	+	+	+	+	+	+			+	+
ПРН 6/PLO 6								+								+	+			+	+											+	+
ПРН 7/PLO 7	+		+				+				+		+	+		+																	+
ПРН 8/PLO 8						+			+													+	+									+	+
ПРН 9/PLO 9		+	+	+								+	+	+	+					+	+			+	+								+
ПРН 10/PLO 10								+		+					+	+	+					+	+							+	+	+	+
ПРН 11/PLO 11								+			+			+										+	+							+	+
ПРН								+	+	+				+	+			+				+	+							+	+	+	+

	ПО 1 SP 1	ПО 2 SP 2	ПО 3 SP 3	ПО 4 SP 4	ПО 5 SP 5	ПО 6 SP 6	ПО 7 SP 7	ПО 8 SP 8	ПО 9 SP 9	ПО 10 SP 10	ПО 11 SP 11	ПО 12 SP 12	ПО 13 SP 13	ПО 14 SP 14	ПО 15 SP 15	ПО 16 SP 16	ПО 17 SP 17	ПО 18 SP 18	ПО 19 SP 19	ПО 20 SP 20	ПО 21 SP 21	ПО 22 SP 22	ПО 23 SP 23	ПО 24 SP 24	ПО 25 SP 25	ПО 26.1 SP 26.1	ПО 26.2 SP 26.2	ПО 27 SP 27	ПО 28 SP 28	ПО 29 SP 29	ПО 28 SP 30	ПО 29 SP 31
12/PLO 12																																
ПРН 13/PLO 13		+	+						+	+	+					+				+	+			+	+	+	+	+	+	+	+	+
ПРН 14/PLO 14											+				+									+	+						+	
ПРН 15/PLO 15																			+	+	+										+	+
ПРН 16/PLO 16																+			+	+	+										+	+
ПРН 17/PLO 17							+						+		+							+	+	+	+					+		+	+
ПРН 18/PLO 18										+	+							+	+												+	
ПРН 19/PLO 19																				+	+										+	+
ПРН 20/PLO 20																																+
ПРН 21/PLO 21		+		+	+	+	+	+				+					+			+	+			+	+						+	+
ПРН 22/PLO 22		+											+					+									+	+	+			+	
ПРН 23/PLO 23															+			+							+	+	+	+	+		+	+	+
ПРН 24/PLO 24		+									+														+	+						+	
ПРН 25/PLO 25																+									+	+						+	+

	ПО 1 SP 1	ПО 2 SP 2	ПО 3 SP 3	ПО 4 SP 4	ПО 5 SP 5	ПО 6 SP 6	ПО 7 SP 7	ПО 8 SP 8	ПО 9 SP 9	ПО 10 SP 10	ПО 11 SP 11	ПО 12 SP 12	ПО 13 SP 13	ПО 14 SP 14	ПО 15 SP 15	ПО 16 SP 16	ПО 17 SP 17	ПО 18 SP 18	ПО 19 SP 19	ПО 20 SP 20	ПО 21 SP 21	ПО 22 SP 22	ПО 23 SP 23	ПО 24 SP 24	ПО 25 SP 25	ПО 26.1 SP 26.1	ПО 26.2 SP 26.2	ПО 27 SP 27	ПО 28 SP 28	ПО 29 SP 29	ПО 28 SP 30	ПО 29 SP 31
ПРН 26/PLO 26													+	+	+																+	+
ПРН 27/PLO 27															+							+	+	+	+						+	+
ПРН 28/PLO 28																+						+	+			+	+	+	+	+	+	+
ПРН 29/PLO 29																		+	+			+	+			+	+	+			+	+
ПРН 30/PLO 30																+			+							+	+	+			+	+
ПРН 31/PLO 31															+					+	+			+	+						+	+
ПРН 32/PLO 32																													+	+	+	+