

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

APPROVED

Academic Council of Igor Sikorsky
Kyiv Polytechnic Institute
(meeting protocol 3 № 15 /03/2021

Chairman of the Academic Council
_____ Mykhaylo ILCHENKO

INTERNATIONAL ECONOMICS

PROFESSIONAL EDUCATIONAL PROGRAMME

The first (bachelor) level of higher education

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

Entered into force 2021/2022
by Rector's Order
of Igor Sikorsky Kyiv Polytechnic Institute
from 19/04/2021, № 404/89/2021

Kyiv – 2021

DEVELOPED by the project team:

Project team leader:

Chernenko Natalya, PhD, Candidate of Economic Sciences, Associate Professor,
Associate Professor of the Department of International Economics

Project team members:

Gaidutskiy Ivan, Doctor of Economics, Associate Professor of the Department of
International Economics;

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

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

The Department of International Economics is responsible for the training the first
(bachelor's) degree applicant of the EPP "International Economics"

Head of the department of International Economics,

Serhii Voitko, Doctor of Economics, Professor, Professor of the Department of
International Economics

AGREED:

The Scientific and Methodological Commission of the University on speciality 051
Economics

Head of the SMCU- on speciality 051 Economics

_____ Serhii Voitko

(Protocol № 2 of 22/12/2020)

The Methodological Council of Igor Sikorsky Kyiv Polytechnic Institute

Head of the Methodological Council

_____ Yuriy Yakymenko

(Protocol of № 6 of 25/02/ 2021).

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" (agreeded);

KHMLEVSKA Anastasiia, the first (bachelor's) degree applicant of the EPP "International Economics" (agreeded);

ZROBOK Oleksii, the first (bachelor's) degree applicant of the EPP "International Economics" (agreeded).

The Educational and Professional Program "International Economics" was discussed and revised after receiving all suggestions and proposals from employers and higher education applicants of the Igor Sikorsky Kyiv Polytechnic Institute, and was approved at the meeting of the Department of International Economics (Protocol No. 7, December 15, 2020).

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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 ДД 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 | |
| <p>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.</p> | |
| 3 – Characteristics of the educational program | |
| <i>Subject area</i> | <p><i>Object of study:</i> 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.</p> <p><i>Training objectives:</i> 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</p> |

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| | <p>of economic sciences.</p> <p><i>Methodology and technologies:</i> 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.</p> <p><i>Tools and equipment:</i> modern information and communication technology equipment, information systems and software used in professional activity.</p> |
| <i>Aspect</i> | Educational and professional |
| <i>Main focus</i> | <p>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.</p> <p>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.</p> <p>Keywords: microeconomics, macroeconomics, international economics, international economic relations, international finance, integration processes, foreign exchange operations, international insurance, investment, foreign economies, national economy, transnational corporations.</p> |
| <i>Features</i> | <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> |
| 4 – Eligibility for employment | |
| <i>Eligibility for employment</i> | <p>Graduates can work at enterprises of any organizational and legal form in positions (according to the Classifier of Professions of Ukraine DK 003: 2010):</p> <p>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).</p> <p>2441. Professionals in the field of economics (junior research fellow (economics), research fellow (economics), research consultant (economics)).</p> <p>2441.2 Economists (international trade economist, labor economist, sales economist, investment analyst, credit analyst, accounting and economic activity</p> |

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| | <p>analysis economist, material-technical support economist, planning economist, pricing economist, economic advisor, economic consultant, economic issues reviewer).</p> <p>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).</p> <p>1231. Managers of economic and administrative units (Economics Director; head of the economic unit).</p> <p>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.</p> <p>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.</p> |
| <i>Further study</i> | 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 | |
| <i>Teaching and studying</i> | <p>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.</p> <p>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.</p> |

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| Assessment | <p>The main types of assessment include current (ongoing) control, calendar-based control, semester control, and final attestation.</p> <p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>The process of conducting assessment activities is regulated by the following official documents:</p> <ol style="list-style-type: none"> 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 | |
| <i>Integral competence</i> | 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) | |
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| 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 foreign economic 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 | An 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 | An 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 | An 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 | An 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 | An 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 |

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| 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 foreign economic state policies |
| PLO 10 | Conduct the analysis of the functioning and development of business entities, identification of functional areas, and calculations 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 | To conduct a comprehensive analysis of the international business environment, assess economic processes in foreign countries, identify key development factors, and apply the acquired knowledge to make effective managerial and strategic decisions in the field of international economics |
| PLO 26 | To analyze the structural features of the national economy, evaluate the outcomes of Ukraine's international activities, and examine integration processes with the aim of shaping effective economic policy |
| PLO 27 | To assess macroeconomic and microeconomic development trends in foreign countries, identify investment risks and opportunities, and develop strategies for attracting capital to |

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| | ensure sustainable economic growth |
| PLO 28 | 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 effects of involving investment resources in the national economy |
| PLO 29 | To analyze international financial relations, assess the efficiency of foreign exchange operations, develop investment strategies in dynamic financial markets, and implement risk management principles in the context of international insurance |
| PLO 30 | To analyze the functioning of international financial system mechanisms, financial relations, currency operations, and international settlements, as well as to apply economic analysis methods for making well-founded financial and economic decisions in international business |
| PLO 31 | To analyze the processes of European integration, assess their impact on the economic development of foreign countries and Ukraine, explore international economic activity in the context of global economic changes, and formulate well-grounded mechanisms of economic cooperation |
| PLO 32 | To analyze the activities of transnational corporations, assess their impact on global economic processes, develop strategies for international business, and apply modern approaches to the management of transnational companies under conditions of global market uncertainty |
| 8 - Resource support for the implementation of the program | |
| <i>Staffing</i> | 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. |
| <i>Material-technical support</i> | 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. |
| <i>Information and methodical support of the educational process</i> | According to the technological requirements for the educational and methodological support of educational activities at the corresponding level of higher education (Appendix 5 to the Licensing Conditions), 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 |

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| | <p>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.</p> <p>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.</p> <p>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).</p> |
| 9 - Academic mobility | |
| <i>National credit mobility</i> | <p>Higher education applicants can participate in the national credit mobility programs under the agreement with Odessa Polytechnic National University in particular.</p> <p>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.</p> |
| <i>International credit mobility</i> | <p>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.</p> <p>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.</p> <p>Further expansion of academic exchange opportunities is planned through the conclusion of new agreements with other educational institutions.</p> |
| <i>Study of Foreign applicants of HE</i> | <p>Teaching for students proficient in the Ukrainian language is conducted in general groups, or in separate groups in English</p> |

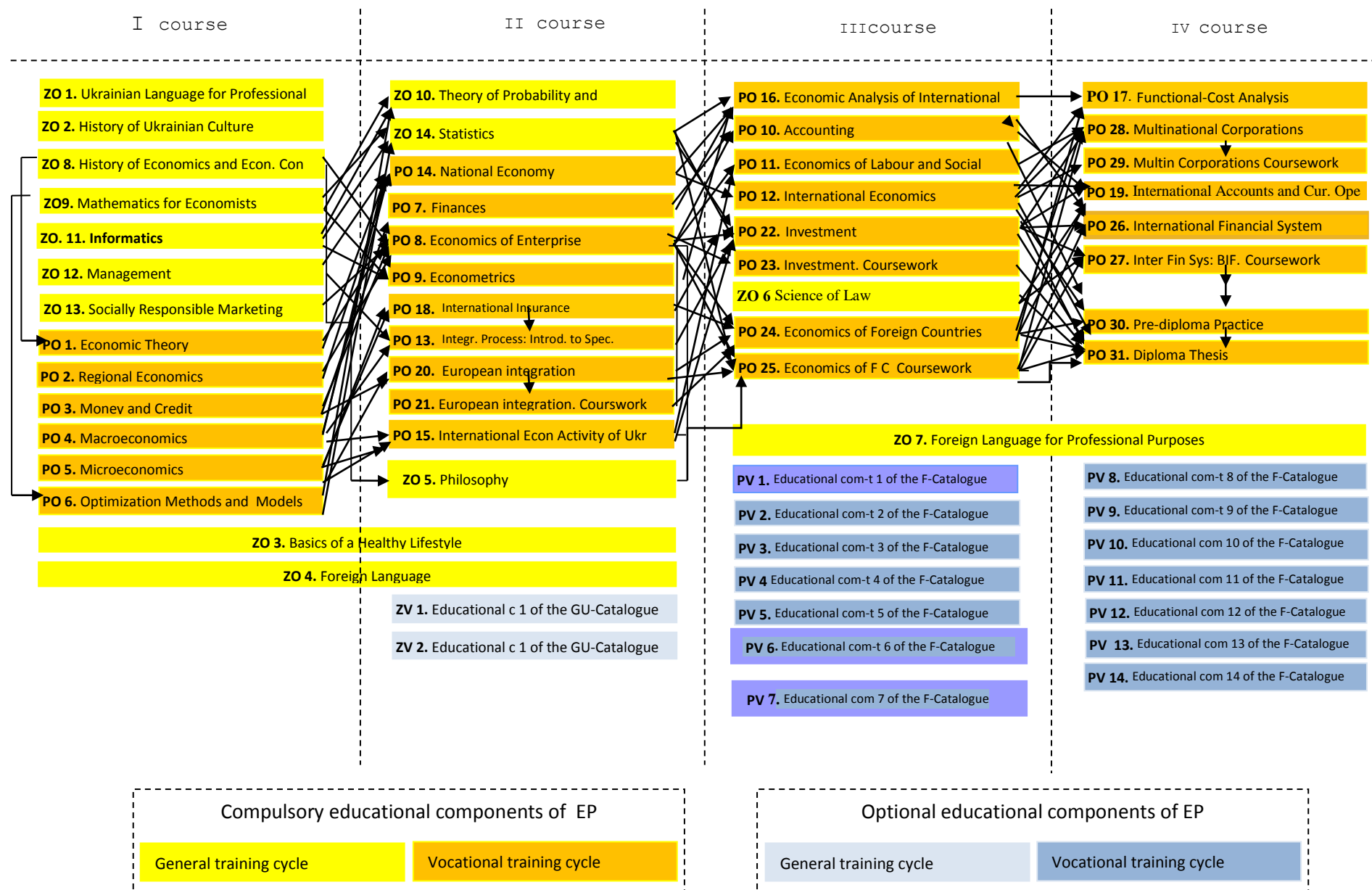
2. 2. EDUCATIONAL COMPONENTS

| 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 | Foreign Language | 6 | Test |
| ZO 5 | Philosophy | 2 | Test |
| ZO 6 | Science of Law | 2 | Test |
| ZO 7 | Foreign Language for Professional Purposes | 6 | Exam |
| ZO 8 | History of Economics and Economic Concept | 4,5 | Exam |
| ZO 9 | Mathematics for Economists | 7,5 | Exam |
| ZO 10 | Theory of Probability and Mathematical Statistics | 5 | Exam |
| ZO 11 | Informatics | 6 | 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 | 4,5 | Exam |
| PO 7 | Finances | 5 | Exam |
| PO 8 | Economics of Enterprise | 5 | Test |

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| 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 | International Financial System | 6,5 | Exam |
| PO 27 | International Financial System: Basics of International Finance. 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 | | | |

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| 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

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| The form of attestation for degree pursuers | <p>Student certification under the Educational and Professional Program “International Economics”, specialty 051 “Economics”, is carried out in the form of a public defense of the qualifying thesis.</p> <p>The qualification thesis is subject to a plagiarism check.</p> <p>Successful completion of the certification process results in the issuance of an official document confirming the awarding of the Bachelor’s Degree in Economics.</p> |
| Requirements for qualification work | <p>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.</p> <p>Student certification is regulated by the Regulations on the Examination Commission and Certification of Higher Education Applicants at Igor Sikorsky Kyiv Polytechnic Institute.</p> <p>The qualification thesis must not contain academic plagiarism, falsification or copying.</p> <p>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.</p> <p>The publication of Diploma Thesis containing restricted-access information must be carried out in compliance with a legal requirements.</p> <p>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.</p> |

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

5.1. Required (standard) components of the EP

| | ZO 1 | ZO 2 | ZO 3 | ZO 4 | ZO 5 | ZO 6 | ZO 7 | ZO 8 | ZO 9 | ZO 10 | ZO 11 | ZO 12 | ZO 13 | ZO 14 |
|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| GC 1 | | | | | + | + | | | | | | | | |
| GC 2 | | + | + | | + | | | + | | | | | | |
| GC 3 | | | | | + | | | + | + | + | + | | | + |
| GC 4 | | | | | | | | | | | + | | | |
| GC 5 | + | | | | | | | | | | | | | |
| GC 6 | | | | + | | | + | | | | | | | |
| GC 7 | | | | | | | | | | | | | | + |
| GC 8 | | | | | | | + | | | | | | + | + |
| GC 9 | | | | | | | | | | + | | + | + | |
| GC10 | | | | | | | | + | | + | | + | + | |
| GC11 | | | | | | | | | + | | | + | | |
| GC12 | + | + | | + | | | + | | | | | + | | |
| GC13 | | | + | | | + | | + | | + | | | + | |
| PC 1 | | | | | | | | | | | | | | |
| PC 2 | | | | | | + | | | | | | | | |
| PC 3 | | | | | | | | + | | | | | | |
| PC 4 | | | | | | | | | | | | | | + |
| PC 5 | | | | | | | | | | | | | | |
| PC 6 | | | | | | | | | + | | | | | + |
| PC 7 | | | | | | | | | | | + | | | + |
| PC 8 | | | | | | | | | | | | | | |
| PC 9 | | | | | | | | | | | | | | + |
| PC 10 | | | | | | | | | | | | | | + |
| PC 11 | | | | | | | | | | + | | | | + |
| PC 12 | | | | | | | | | | + | | + | + | |
| PC 13 | | | | | | | | | | | | | + | |
| PC 14 | | | | | | | | | | | | + | + | |
| PC 15 | | | | | | | | | | | | | | |
| PC 16 | | | | | | | | | | | | | | |
| PC 17 | | | | | | | | | | | | | | |
| PC 18 | | | | | | | | | | | | | | |
| PC 19 | | | | | | | | | | | | | | |

5.2. Professional training cycle

| | PO1 | PO2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PO 13 | PO 14 | PO 15 | PO 16 | PO 17 | PO 18 | PO 19 | PO 20 | PO 21 | PO 22 | PO 23 | PO 24 | PO 25 | PO 26 | PO 27 | PO 28 | PO 29 | PO 30 | PO 31 | | |
|-------|-----|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|
| GC 1 | | | | | | | | | | | + | | | + | | | | | | | | | | | | | | | | | + | | |
| GC 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GC 3 | | | | | | + | + | | | + | | + | | | | + | | | | | | + | + | | | | | | + | + | | + | |
| GC 4 | | | + | + | + | + | + | | + | + | | + | | | + | | | + | + | + | + | + | + | + | | | | | | | + | + | |
| GC 5 | + | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| GC 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| GC 7 | | | | | | | | | | | | | | | | | | | + | | | | | | | | | | | | + | + | |
| GC 8 | | + | | + | + | | + | | + | + | | | | | + | | | | | | + | + | | | + | + | | | | | + | + | |
| GC 9 | | | | | | | | | | | | | + | | | | | | + | + | | | | | | + | + | | | | | + | |
| GC10 | | | | | | | | | | | + | | | | | | | | | | | | | | | | | | | | + | + | |
| GC11 | + | | | | | | | | | + | | | | | | + | + | + | | | + | + | + | + | | | | | + | + | + | + | |
| GC12 | | | | | | | | | | | + | | | | | | | | | | | | | | | | | | | | + | | |
| GC13 | + | | | | | | | | | | | | | + | | | | | | | + | + | | | + | + | | | | | + | + | |
| PC 1 | | + | + | + | + | | | + | | | | + | + | + | | + | | | | | | | | | | | | | | | + | + | |
| PC 2 | | | | | | | + | | | + | | | + | | + | | | | + | | | | | | | | + | + | | | + | | |
| PC 3 | + | | + | | | | | | | | | | | + | | | | | | | | | | | | | | | | | | + | |
| PC 4 | + | + | + | | + | + | + | | | | + | + | | | | + | | | | | + | + | | | | | + | + | + | + | | + | |
| PC 5 | | + | + | + | | | | | | | | + | + | + | + | | | | | | + | + | | | + | + | | | | | + | + | |
| PC 6 | | | | | | + | | | | | | | | | | + | | | | | | | + | + | | | | | + | + | + | + | |
| PC 7 | | | | | | | | | + | | | | | | | | | | | | | | | | | | | | | | + | + | |
| PC 8 | | | | + | + | | | | | | + | | | | | | | | + | | | | | | + | + | | | + | + | + | + | |
| PC 9 | | | | | | | | | + | | | | | | | | | | | | | | | | | | + | + | | | | + | |
| PC 10 | | | | | | | | + | | + | | | | | + | | | + | | | | | | | | | | | + | + | | + | + |
| PC 11 | + | | | + | + | + | + | + | | | | | | | | | | + | + | | + | + | + | + | | | + | + | | | + | + | |
| PC 12 | | | | | | | | + | | | | | | | | + | | | + | | | + | + | + | + | | | | | | + | + | |
| PC 13 | | + | + | | | | | + | | | | | | | | + | + | | | | | | | | + | + | | | | | + | + | |
| PC 14 | | | | | | | + | | | | + | | | | + | | | + | | | | + | + | + | + | | | | | | + | + | |
| PC 15 | | | | | | | | | | | | | | + | + | + | | | | | | + | + | + | + | | | | | | + | + | |
| PC 16 | | | | | | | | | | | | | | | | | | | | | + | + | + | + | | | | | + | + | + | + | |
| PC 17 | | | | | | | | | | | | | | | | | | | + | + | | | | | | | + | + | | | + | + | |

| | PO1 | PO2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PO 13 | PO 14 | PO 15 | PO 16 | PO 17 | PO 18 | PO 19 | PO 20 | PO 21 | PO 22 | PO 23 | PO 24 | PO 25 | PO 26 | PO 27 | PO 28 | PO 29 | PO 30 | PO 31 | |
|-------|-----|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| PC 18 | | | | | | | | | | | | | | + | + | | | | | | | | | + | + | | | | | | + | + |
| PC 19 | | | | | | | | | | | | | | + | | + | | | | | + | + | | | | | + | + | | | + | + |

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

6.1. General training cycle

| | ZO 1 | ZO 2 | ZO 3 | ZO 4 | ZO 5 | ZO 6 | ZO 7 | ZO 8 | ZO 9 | ZO 10 | ZO 11 | ZO 12 | ZO 13 | ZO 14 |
|--------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| PLO 1 | | | | | + | + | | | | | | | | |
| PLO 2 | | + | + | | + | | | + | | | | | | |
| PLO 3 | | | | | | | | + | | | | | | |
| PLO 4 | | | | | | | | + | | | | | | |
| PLO 5 | | | | | | | | | | | | + | | |
| PLO 6 | | | | | | | | | | | + | | | |
| PLO 7 | | | | | | | | + | | | | | | |
| PLO 8 | | | | | | | | | + | + | | | | + |
| PLO 9 | | | | | | | | | | | | | | |
| PLO 10 | | | | | | | | | | | | | + | |
| PLO 11 | | | | | | + | | | | | | | + | + |
| PLO 12 | | | | | | | | | + | + | | | | |
| PLO 13 | | | | | | | | | | | | | | + |
| PLO 14 | | | | | | | + | | | | | + | | |
| PLO 15 | | | | | | | | | | | | | + | |
| PLO 16 | | | | | | | | + | | | | | | + |
| PLO 17 | | | | | | | | | | | | + | + | |
| PLO 18 | | | | | | + | | | | | | | | |
| PLO 19 | | | | | | | | | | | + | | | |
| PLO 20 | + | | | + | | | + | | | | | | | |
| PLO 21 | | | | | + | | | + | + | + | | | | |
| PLO 22 | | | | | | | | | | | | + | + | |
| PLO 23 | | | | | | | | | | | + | | | |
| PLO 24 | | + | + | | | | | + | | | | + | + | |
| PLO 25 | | | | | | | | | | | | | | |
| PLO 26 | | | | | | | | | | | | | | |
| PLO 27 | | | | | | | | | | | | | | |
| PLO 28 | | | | | | | | | | | | | | |
| PLO 29 | | | | | | | | | | | | | | |
| PLO 30 | | | | | | | | | | | | | | |
| PLO 31 | | | | | | | | | | | | | | |
| PLO 32 | | | | | | | | | | | | | | |

6.2. Professional training cycle

| | PO1 | PO2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PO 13 | PO 14 | PO 15 | PO 16 | PO 17 | PO 18 | PO 19 | PO 20 | PO 21 | PO 22 | PO 23 | PO 24 | PO 25 | PO 26 | PO 27 | PO 28 | PO 29 | PO 30 | PO 31 | |
|--------|-----|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| PLO 1 | | | | | | | | | | | + | | | | | | | | | | | | | | | | | | | + | + | |
| PLO 2 | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| PLO 3 | + | | | + | + | | | | | | | + | | + | | | | | | | | | | | | | | | | | + | |
| PLO 4 | + | + | + | | + | | + | + | | | | | | + | | | + | | | | + | + | + | + | + | + | + | + | | | + | |
| PLO 5 | | | | | | | | | | | | | | | | + | + | + | | | | + | + | + | + | + | + | + | | + | + | |
| PLO 6 | | | | | | | | + | | | | | | | | + | + | | | | + | + | | | | | | | | + | + | |
| PLO 7 | + | | + | | | | + | | | | + | | + | + | | + | | | | | | | | | | | | | | | + | |
| PLO 8 | | | | | | + | | | + | | | | | | | | | | | | | | + | + | | | | | | + | + | |
| PLO 9 | | + | + | + | | | | | | | | + | + | + | + | | | | | | + | + | | | + | + | | | | | + | |
| PLO 10 | | | | | | | | + | | + | | | | | + | + | + | | | | | + | + | + | + | | | | + | + | + | |
| PLO 11 | | | | | | | | + | | | + | | | + | | | | | | | | | | + | + | | | | | + | + | |
| PLO 12 | | | | | | | | + | + | + | | | | + | + | | | + | | | | + | + | | | | | | + | + | + | |
| PLO 13 | | + | + | | | | | | + | + | + | | | | | + | | | | | + | + | | | + | + | + | + | + | + | + | + |
| PLO 14 | | | | | | | | | | | + | | | | + | | | | | | | | | | + | + | | | | + | | |
| PLO 15 | | | | | | | | | | | | | | | | | | | + | + | + | | | | | | | | | + | + | |
| PLO 16 | | | | | | | | | | | | | | | | + | | | + | + | + | | | | | | | | | + | + | |
| PLO 17 | | | | | | | + | | | | | | + | | + | | | | | | | | + | + | + | + | | | + | + | + | |
| PLO 18 | | | | | | | | | | + | + | | | | | | | + | + | | | | | | | | | | | + | | |
| PLO 19 | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | + | + | |
| PLO 20 | | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | + | |
| PLO 21 | | + | | + | + | + | + | + | | | | + | | | | | | + | | | + | + | | | + | + | | | | + | + | |
| PLO 22 | | + | | | | | | | | | | | + | | | | | + | | | | | | | | | + | + | | + | | |
| PLO 23 | | | | | | | | | | | | | | | + | | | | + | | | | | | + | + | + | + | | + | + | + |
| PLO 24 | | + | | | | | | | | | + | | | | | | | | | | | | | | + | + | | | | + | | |
| PLO 25 | | | | | | | | | | | | | | | | + | | | | | | | | | + | + | | | | + | + | |
| PLO 26 | | | | | | | | | | | | | + | + | + | | | | | | | | | | | | | | | + | + | |
| PLO 27 | | | | | | | | | | | | | | | + | | | | | | | | + | + | + | + | | | | + | + | |
| PLO 28 | | | | | | | | | | | | | | | | + | | | | | | + | + | | | + | + | + | + | + | + | |
| PLO 29 | | | | | | | | | | | | | | | | | | + | + | | | + | + | | | + | + | | | + | + | |
| PLO 30 | | | | | | | | | | | | | | | | + | | | + | + | | | | | | + | + | | | + | + | |
| PLO 31 | | | | | | | | | | | | | | | + | | | | | | + | + | | | + | + | | | | + | + | |
| PLO 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | |

