

**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**

SOCIOLOGY

EDUCATIONAL SCIENTIFIC PROGRAM

third (PhD) level of higher education

in specialty 054 Sociology

branch of knowledge 05 Social and behavioral sciences

Qualification: Doctor of Philosophy in Sociology

Entered into force by order of the Rector

17.09.20 (№1 / 282)

Igor Sikorsky KPI

Kyiv – 2020

PREAMBLE

DEVELOPED by the project team

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the National Academy of Sciences of Ukraine

APPROVED:

The first edition of the educational program was approved by the Methodical Council of Igor Sikorsky KPI (Protocol №7, March 29, 2020)

Head of the SMCU 054

_____ Pavlo KUTUEV

Methodical Council of KPI of Igor Sikorsky KPI

Head of the Methodical Council

_____ Yurii YAKYMENKO

(Protocol №__1_ from "__03 __" _____ 09____2020)

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ESP was discussed after receiving all wishes and suggestions from stakeholders and graduates of ESP and approved at an extended meeting of the Department of Sociology (protocol №12 from 02.07.2020).

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1. PROFILE OF THE EDUCATIONAL PROGRAM

in specialty 054 Sociology

1 – General information	
Full name of the Institution of Higher Education and institute / faculty	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", faculty of sociology and law
Degree of higher education and title of qualification	Degree - PhD Qualification - Doctor of Philosophy in Sociology
Official title of educational program	Sociology
Type of diploma and scope of educational program	Doctor of Philosophy diploma. Educational component - 90 ECTS credits, training period - 4 years. The scientific component involves conducting own research and presenting its results in the form of a dissertation
Availability of accreditation	The program is not accredited, submission of the program for accreditation to the National Agency for Quality of Higher Education is planned in 2020-2021
Level of National Qualifications Framework	NQF of Ukraine – 9th level QF-EHAE – 3th cycle EQF-LLL – 9th level
Prerequisites	Availability of Master degree
Language (s) of teaching	Ukrainian, English
Term of educational program	Until the next accreditation
Internet address of permanent educational location programs	https://osvita.kpi.ua/node/216 http://www.sociology.kpi.ua/educational-programs
2 – Purpose of the educational program	
<p>The purpose of the educational and research program – training of highly qualified specialists (doctors of philosophy) in sociology, who demonstrate the presence of sociological imagination and mastery of modern theories and methods of sociological research. These conceptual knowledge and practical skills enable students to solve complex tasks and practical problems in the field of sociology at the local, regional, national and global levels, and to participate in applied research, analytical, consulting and educational activities. An important goal of the educational and research program is also to cultivate in postgraduate students research skills, commitment to civic duties, autonomy and responsibility.</p> <p>The purpose of the educational and research program corresponds to the strategy of development of Igor Sikorsky KPI for 2020-2025:</p> <p>"The vision is to promote the formation of the society of the future on the basis of the concept of sustainable development and to create all necessary conditions for the training of highly</p>	

qualified professionals capable of creating modern scientific knowledge and innovative technologies for the benefit of mankind and ensure a worthy place of Ukraine in the world;

The mission – is to make a significant contribution to the sustainable development of society through the internationalization and integration of education, the latest research and innovative developments. Create conditions for comprehensive professional, intellectual, social and creative development of the individual at the highest levels of excellence in the educational and scientific environment "(<https://data.kpi.ua/sites/default/files/files/2020-2025-strategy.pdf>);

The goals of the EP are: to provide fundamental training of specialists capable of solving complex specialized scientific problems and practical problems in society, which are characterized by complexity and uncertainty of conditions. EP graduates must be able to study through research, be able to conduct scientific, scientific-pedagogical, innovative, analytical, educational, consulting activities. An important goal of EP is to cultivate humanistic values in combination with the development of critical thinking, commitment to civic duties, autonomy and responsibility.

3 – Characteristics of the educational program

Subject area	The field of professional activity includes innovative approaches to solving complex problems in the field of sociology, fundamental and applied research to study the patterns of development of social systems and their subsystems, social processes and structures at the micro, meso, macro and global levels, sociopolitical and socio-cultural processes and structures, social communities and social relations within and between these communities, public opinion, social conflicts, mediation activities.
Orientation of the educational program	Educational, scientific, academic
The main focus of the educational program and specialization	<p>The program focuses on modern achievements of sociological theory, the latest technologies of theoretical and empirical research, methods of scientific and teaching activities.</p> <p>Keywords: social relations, personality, social groups, communities, society, social phenomena, social processes, modernization, science, scientific and technological development, public opinion, culture, social institutions, social structures, social inequalities, social change, social problems, conflicts, mediation.</p>
Features of the program	<p>The peculiarity (uniqueness) of the program consists in the acquisition of professional knowledge and skills to study trends in social change and modernization / demodernization of Ukrainian society in the context of global dynamics.</p> <p>The educational program involves leading sociologists-experts from Ukraine and abroad, academic mobility programs with the world's leading higher education institutions, meetings with employers, the use of modern software and Internet services at the various stages of sociological research.</p>

4 – Suitability of graduates for employment and further study

Suitability for	Classifier of professions DK 003: 2010
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employment	2442.2 "Sociologist", 2442.2 "Specialist in conflict resolution and mediation in the socio-political sphere", 2442.1 "Researcher (sociology)", "Researcher-consultant (sociology)", 2310.2 "Teacher of higher education"
Further education	Continuing education in doctoral and / or postdoctoral programs
5 - Teaching and assessment	
Teaching and learning	Lectures, research seminars, computer workshops on social data analysis are held within the OP; pedagogical practice as an assistant. Technologies of blended learning, flipped learning, problem-based learning are used. Every year the Department of Sociology holds an International Conference on Sociology, where postgraduate students have the opportunity to publish abstracts of their research. Postgraduate students are involved in international research projects.
Evaluation	<ul style="list-style-type: none"> - Oral and written exams in the disciplines of the curriculum of the educational and scientific program, defense of the report on pedagogical practice as an assistant; - complex exam in the specialty; - scientific reports at scientific seminars and conferences, peer evaluation, participation in international research projects, articles in peer-reviewed journals and journals that are part of scientometric databases; - mid-term certification of each semester (twice a year) in relation to the implementation of the graduate plan; - final certification (public defense of PhD dissertation)
6 – Program competencies	
Integral competence	Ability to solve complex scientific and theoretical tasks and practical problems in the field of sociology, that characterized by complexity and uncertainty of conditions, with the application of basic sociological theories and methods; to participate professionally in academic and applied research, analytical, consulting and pedagogical activities.
General competencies (GC)	
	Research competencies
GC 01	Ability to conduct research, including problem analysis, setting goals and objectives, choosing the methodology and methods of research, as well as assessing its quality.
GC 02	Ability to rethink existing and create new holistic knowledge and / or professional practice and to solve significant social, scientific, cultural, ethical and other problems
GC 03	Ability to plan and conduct reproducible research
GC 04	Ability to find, process and analyze relevant information for problem solving and decision making
GC 05	Ability to carry out learning through research
	Communication competencies
GC 06	Ability to use information and communication technologies in scientific and professional communication
GC 07	Ability to communicate with representatives of other professional groups of different levels (with experts from other fields of knowledge / types of economic activity)
GC 08	Ability to work in a team and establish productive relationships with colleagues
GC 09	Ability to communicate in a foreign language
	Management, entrepreneurial and leadership competencies

GC 10	Ability to consciously set goals in scientific, professional and personal development, to show scientific initiative and leadership qualities
GC 11	Ability to perform various roles in academic and applied research projects
GC 12	Ability to receive research grants and encourage business structures to scientific and academic initiatives
GC13	Ability to plan and organize the work of research teams to solve scientific and scientific-educational problems
	Scientific and pedagogical competencies
GC 14	Ability to develop courses in social and behavioral sciences in higher education institutions and their educational and methodological support based on modern achievements of science and practice, new pedagogical and modern digital technologies
GC 15	Ability to organize the learning process (including online learning) using a student-centered approach; design and evaluate applicants for higher education; establish a relationship of trust with them
GC16	Ability to perform a reflective analysis of one's own pedagogical activity and adjust it according to the results of the analysis
	Social and ethical competencies
GC17	Ability to adhere to ethical standards of research, professional code of academic integrity
GC18	The ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine
GC 19	Ability to preserve and increase moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society and technology
GC 20	Ability to ensure continuous self-development and self-improvement, responsibility for the development of others
	Professional competencies of the specialty (PC)
PC 1	Ability to identify issues and methodological approaches to research in the field of sociology, planning and implementation, data collection, interpretation, presentation of results
PC 2	Ability to choose topical issues of scientific and sociological research and relevant methodological approaches
PC 3	Ability to plan and perform independently research activities in the field of sociology using modern theories, methods and information and communication technologies
PC 4	Ability to collect, analyze and summarize social information using sociological methods
PC 5	Ability to use modern methods of data analysis, to build multifactorial and multidimensional models of social reality
PC 6	Ability to adapt and summarize the results of modern research in the field of sociology to solve scientific and practical problems
PC 7	Ability to present the results of own research, including the use of digital technologies (infographics, storytelling with data, dashboards)
PC 8	Ability to use the concepts and provisions of modern theories of sociology of modernization and scientific and technological development in research

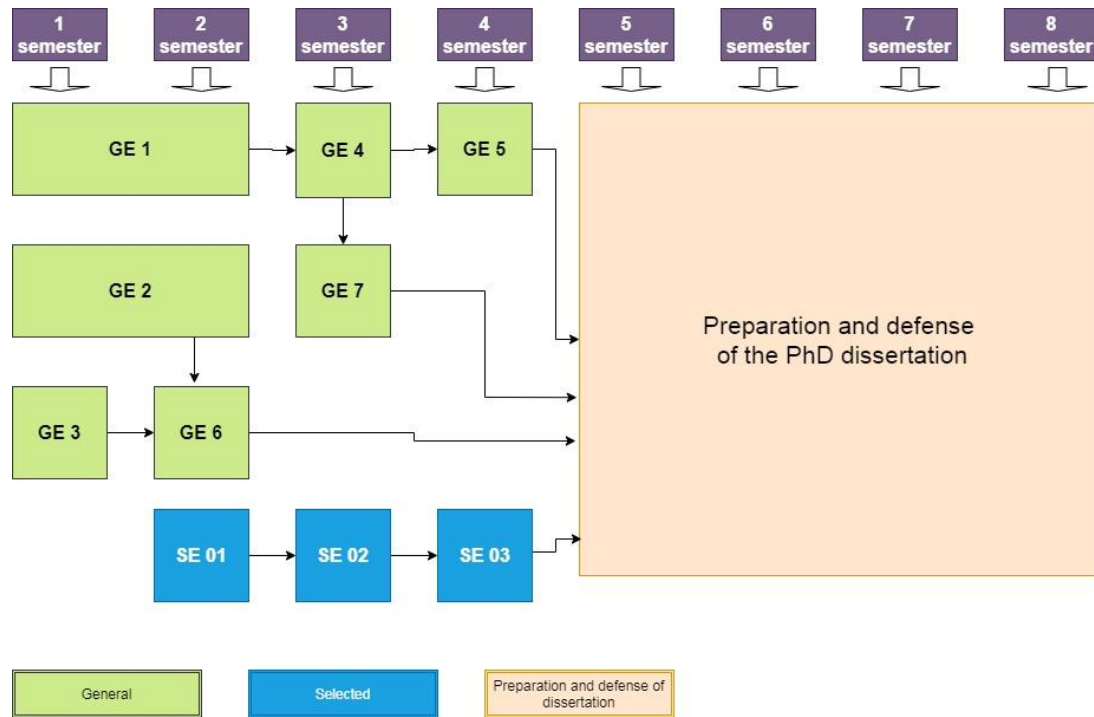
PC 9	Ability to use statistical information and databases in teaching
PC10	Ability to demonstrate a detailed understanding of a large number of modern techniques of sociological research
PC11	Ability to argue and defend a theoretical position based on empirical work.
PC12	Ability to create new sociological knowledge in a scientific way
PC 13	Ability to promote the results of their own research and science in general
7 - Program learning outcomes	
PLO 01	Use the conceptual apparatus of sociology in educational, research and other areas of professional activity
PLO 02	Understand the history of sociology, its modern concepts and theories, the main problems
PLO 03	Apply the provisions of sociological theories and concepts to the study of social change in Ukraine, Europe and the world
PLO 04	Explain the patterns and features of development and functioning of social phenomena in the context of scientific and professional tasks
PLO 05	Free to use Ukrainian language and foreign languages orally and in writing for the purpose of scientific communication and solving professional issues
PLO 06	Effectively perform various roles (including organizing, communicating, criticizing, generating ideas, performing tasks, etc.) in the team during the process of solving research problems
PLO 07	Be able to use information and communication technologies for searching, collecting and analyzing sociological information, presenting research results
PLO 08	Substantiate their own position, make and argue independent conclusions based on the results of their own research and analysis of scientific sources
PLO 09	Be able to develop a program and plan of scientific research in the field of sociology, to carry out the operationalization of research concepts
PLO 10	Have the skills to collect and process social information using quantitative and qualitative methods
PLO 11	Present the results of their own research to professionals and non-specialists
PLO 12	Know and adhere to the ethical norms of professional activity of a sociologist
PLO 13	Understand sociological theories of sociology of modernization and scientific and technological development
PLO 14	Identify the most effective management styles in research organizations, assess the motivational background of the organization's staff, the level of conflict in the team, use PR technologies in the management of the research organization
PLO 15	Monitor the current situation in research, predict its development
8 - Resource support for program implementation	
Staffing	In accordance with the personnel requirements for ensuring the implementation of educational activities for the relevant level of HE, approved by the Resolution of the Cabinet of Ministers of Ukraine dated 30.12.2015 № 1187 (current) as amended on 23.05.2018 № 347. Involvement in the teaching of professional disciplines practitioners, leading scientists.
Material and technical	In accordance with the technological requirements for material and

support	technical support of educational activities of the relevant level of HE, approved by the Resolution of the Cabinet of Ministers of Ukraine dated 30.12.2015 № 1187 (current) in the wording dated 23.05.2018 № 347.
Information and educational and methodical support	Use of modern specialized software: R, R Studio, statistical software PSPP, Tableau Public
9 – Academic mobility	
National credit mobility	Possibility of concluding credit mobility agreements with other universities of Ukraine, which have a PhD programs in sociology
International credit mobility	According to the agreements on international academic mobility within the framework of the ERASMUS + program: Casimir the Great University (Poland), University of Groningen (Netherlands) - Humanities Friedrich Schiller University of Jena (Germany)
Training of foreign applicants for higher education	Teaching in foreign language

2. LIST OF COMPONENTS OF THE EDUCATIONAL PROGRAM

Code	Components of the educational program (academic disciplines, practices, qualification work)	Number of credits	Form of final control
1	2	3	4
1. Normative educational components			
GE 1	Philosophical principles of scientific activity	6	exam
GE 2	Foreign language for scientific activity	6	exam
GE 3	Historical sociology of moderns, modernization, and development	4	exam
GE 4	Topical methodological problems of sociological research	4	exam
GE 5	Epistemology of socio-scientific cognition	4	exam
GE 6	Academic writing	4	credit
GE 7	Pedagogical practice*	2	credit
2. Selective educational components			
SE 01	Educational components of the Department Catalogue	3	credit
SE 02	Educational components of the Department Catalogue	3	credit
SE 03	Educational components of the Faculty Catalogue	4	credit
Normative educational components		30	
Selective educational components		10	
TOTAL VOLUME OF THE EDUCATIONAL PROGRAM		40	

3. STRUCTURAL AND LOGICAL SCHEME OF THE EDUCATIONAL PROGRAM



4. SCIENTIFIC COMPONENT OF THE EDUCATIONAL PROGRAM

The scientific component of the training of PhDs contains information on the content of the graduate student's scientific work according to the plan and the form of control over the implementation of this plan.

Year of preparation	Content of scientific work of the post-graduate student	Form of control
1 year	Choice and substantiation of the topic of own scientific research, determination of the content, terms of performance and volume of scientific work; selection and substantiation of the methodology of own research, review and analysis of existing views and approaches that have developed in modern science in the chosen field.	Approval of the individual plan of the graduate student's work at the academic council of the institute / faculty, reporting on the progress of the individual graduate student's plan twice a year
2 year	Preparation and publication of at least 1 article (usually a review) in scientific professional publications (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts.	Reporting on the progress of the individual graduate student's plan twice a year
3 year	Conducting own research under the guidance of the supervisor, which involves solving research problems using a set of theoretical and empirical methods.	Reporting on the progress of the individual graduate student's plan twice a year
4 year	Preparation and publication of at least 1 article in scientific professional publications (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts.	Reporting on the progress of the individual graduate student's plan twice a year. Providing a conclusion on the scientific novelty, theoretical and practical significance of the dissertation results

5. FORM OF CERTIFICATION OF DOCTORS OF PHILOSOPHY

Attestation of candidates for the degree of Doctor of Philosophy in the educational and scientific program is carried out in accordance with the curriculum and includes assessment of theoretical and practical training (curriculum exams, report on pedagogical practice as an assistant, complex professional exam in the specialty) and public defense of the dissertation of doctor of philosophy.

Graduation attestation of higher education students in the educational program Sociology specialty 054 Sociology is carried out in the form of dissertation defense and ends with the issuance of a standard document on awarding him the degree of Doctor of Philosophy with the qualification: Doctor of Philosophy in Sociology. Qualification work is checked for plagiarism and after the defense is placed in the repository of University's library for free access. Graduation certification is carried out openly and publicly.

6. MATRIX OF CONFORMITY OF PROGRAM COMPETENCIES TO THE COMPONENTS OF THE EDUCATIONAL PROGRAM

	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7
GC 01	+		+	+	+		
GC 02	+			+	+		
GC 03				+			
GC 04				+	+		
GC 05				+			
GC 06						+	
GC 07				+		+	
GC 08				+		+	
GC 09		+					
GC10	+			+			
GC11			+	+			
GC12				+			
GC13				+			
GC14							+
GC15							+
GC16		+					+
GC17	+				+		
GC18	+				+		
GC19	+		+				
GC20							+

**MATRIX OF CONFORMITY OF PROGRAM
COMPETENCIES TO THE COMPONENTS OF
THE EDUCATIONAL PROGRAM (continued)**

	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7
PC 01	+		+	+	+	+	
PC 02	+		+	+	+	+	
PC 03				+			
PC 04				+			+
PC 05				+			
PC 06				+			+
PC 07		+		+		+	
PC 08			+				
PC 09							+
PC10							+
PC11					+		
PC12			+		+		
PC13		+	+			+	

7. MATRIX OF CONFORMITY OF THE PROGRAM LEARNING OUTCOMES TO THE COMPONENTS OF THE EDUCATIONAL PROGRAM

	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7
PLO 01			+		+		
PLO 02	+		+		+		
PLO 03	+		+		+		
PLO 04	+		+				
PLO 05		+					
PLO 06				+			+
PLO 07				+			+
PLO 08					+	+	
PLO 09				+	+		
PLO10				+			
PLO11		+				+	
PLO12			+		+		+
PLO13		+	+				
PLO14							+
PLO15	+				+	+	