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

APPROVED
By Scientific Council of Igor Sikorsky
Kyiv Polytechnic Institute
(protocol № 6 from 07.09.2020)
Chairman of the Academic Council
Mykhailo ILCHENKO

Public Administration and Governance

EDUCATIONAL AND SCIENTIFIC PROGRAM

third (educational and scientific) level of higher education

specialty	**281 Public administration and Governance**
field of knowledge	**28 Public administration and Governance**
qualification	**Doctor of philosophy in public administration and governance**

Entered into force by Order of the Rector of
Igor Sikorsky Kyiv Polytechnic Institute
from 17.09.2020 № 1/282

Kyiv – 2020

PREAMBLE

DEVELOPED by the project team:

Project team leader:
Chukut Svitlana Anatoliivna, Doctor of Science in Public Administration, Professor, Professor of the Department of Theory and Practice of Administration, Guarantor of the Educational Program " Public Administration and Governance"

Project team members:

Ivanytska Olga Mykhailivna, Doctor of Science in Public Administration, Professor, Acting Head of the Department of Theory and Practice of Administration

Tsymbalenko Yana Yuriyivna, Candidate of Sciences in Public Administration, Associate Professor, Dean of the Faculty of Sociology and Law, Associate Professor of the Department of Theory and Practice of Administration

Melnychenko Anatoliy Anatoliyovych, Candidate of Philosophical Sciences, Associate Professor, Vice-Rector for Academic Affairs of Igor Sikorsky KPI, Associate Professor of Department of Theory and Practice of Administration

Akimova Olena Andriivna, Candidate of Philosophical Sciences, Associate Professor, Deputy Dean for Science Research at the Faculty of Sociology and Law of Igor Sikorsky KPI, Associate Professor of the Department of Theory and Practice of Administration

Arkhipova Evgeniya Oleksandrivna, Candidate of Philosophical Sciences, Associate Professor, Associate Professor of the Department of Theory and Practice of Administration

Zagayetska Olena Anatoliivna, Candidate of Technical Sciences, Chief Specialist of the Secretariat of the Cabinet of Ministers of Ukraine

Balashov Dmytro Valeriiovych, candidate of the third educationally-scientific level of higher education in the specialty 281 Public Administration and Governance

Semenova Kateryna Oleksiivna, candidate of the third educationally-scientific level of higher education in the specialty 281 Public Administration and Governance

Acting Head of the Department of Theory and Practice of Administration
Ivanytska Olga Mykhailivna, Doctor of Science in Public Governance, Professor

AGREED

Scientificall and methodical commission on specialty 281 Public administration and governance
Chairman of the EMS 281
Olga IVANYTSKA
(protocol № 1 from 28.08.2020)

Methodical Council of Igor Sikorsky KPI
Chairman of the Methodical Council
Yuriy YAKYMENKO
(protocol № 1 from 03.09.2020)

TAKEN INTO ACCOUNT

The development of the Educational and Scientific Program was based on the draft of The Higher Education Standard of the third (educational and scientific) level of higher education of the degree "Doctor of Philosophy" within Branche of knowledge 28 Public Administration and Governance and Specialty 281 Public Administration and Governance developed by the subcommittee 281 -methodical commission of the Ministry of Education and Science of Ukraine.

During the work on the educational-scientific program a seminar-meeting was held with the applicants of the third educational-scientific level of higher education in the specialty 281 Public Administration and Governance(Semenova K., Palazhchenko K., Grishko A., Shabash I., Kuts A., Goltsova I.), graduates of the Department of Theory and Practice of Management and applicants in the specialty "Public Administration", working at Igor Sikorsky Kyiv Polytechnic Institute and successfully defended their dissertations and received the degree of Candidate of Science in Public Administration (Karpunets A., Dmitrenko V., Bozhok O., Fedorova N.). During the meeting, proposals were made to improve the content of the educational and scientific program, including increasing the number of hours for pedagogical practice and involving graduate students in teaching.

Positive feedback on the educational and scientific program was received from:

Voitovych Radmyla Vasylivna, Doctor of Science in Public Administration, Professor, Rector of the Institute of Personnel Training of the State Employment Service of Ukraine;

Drahomyretska Natalia Mykhailivna, Doctor of Science in Public Administration, Professor, Member of the Subcommittee on 281 Public Administration and Governanceof the Ministry of Education and Science, Odessa Regional Institute of Public Administration of the National Academy of Public Administration under the President of Ukraine, Member of the All-Ukrainian Assembly of Doctors of Public Administration

Pospelova Tetyana Vadymivna, Doctor of Science in Public Administration, Professor, Professor of the Department of Public Administration and Education Management of the Institute of Society of Kyiv University. Borys Hrinchenko

CONTENT

1. PROFILE OF THE EDUCATIONAL PROGRAM

1 - General information	
Full name of HEI and institute / faculty	National Technical University of Ukraine, Kyiv Polytechnic Institute named after Igor Sikorsky, Faculty of Sociology and Law
Degree of higher education and title of qualification in the original language	Degree - Doctor of Philosophy Qualification - Doctor of Philosophy in Public Administration
Level from NQF	NRC of Ukraine - level 9 FQ-EHEA - the third cycle, EQF-LLL - level 8
The official name of the educational program	Public Management and Governance
Type of diploma and scope of educational program	Doctor of Philosophy Diploma, educational component - 60 ECTS credits, 4 years study period; scientific component - involves conducting own research and design of its results in the form of a dissertation
Accreditation status	Is being accredited for the first time
Preconditions	A master's degree
Language (s) teaching	Ukrainian
The validity of the educational program	Until the next accreditation
Internet address of the permanent placement of the educational program	https://osvita.kpi.ua/ (Educational programs) http://ktpu.kpi.ua/ua/osvitni-programi/
2 - The aim of the educational program	

To make a significant contribution to the sustainable development of society by providing training for public servants and managers capable of solving complex problems in the field of professional and / or research and innovation in the field of Public Management and Governance, which involves a deep rethinking of existing and creating new holistic knowledge and / or professional practices.

The aim of the educational program corresponds to the Strategy of Igor Sikorsky Kyiv Polytechnic Institute for 2020-2025 (https://osvita.kpi.ua/node/116).

3 - Characteristics of the educational program	
Subject area	**Objects of study and / or activity:** the sphere of Public Management and Governance as a complex system that combines the activities of public authorities, local governments, their bodies, public associations to influence the development and functioning of socio-economic systems on national, regional and local levels, and includes internal organizational support and streamlining of these entities. **Objectives of training**: training of specialists in Public Management and Governance, able to solve complex problems in the field of professional and research-innovation field of Public Management and Governance, which involves a deep rethinking of existing and creation of new holistic knowledge and professional practice. **Theoretical content of the subject area**: terminology, scientific concepts (theories) of Public Management and Governance, in particular at the higher, central, regional and local levels. **Methods, techniques and technologies**: scientific knowledge, management and decision-making, analytical information processing, institutional, instrumental, functional, organizational, technological and legal support, e-governance, systems analysis, modeling, forecasting and design. **Tools and equipment:** information and analytical tools, support systems for making and implementing management decisions, specialized software.
Orientation of the educational program	Educational and scientific
The main focus of the educational program	Carrying out of scientific and applied researches in the field of 28 "Public Management and Governance" on a specialty 281 Public Management and Governance. Keywords: public administration, sustainable development, open data, systems analysis and modeling in public administration, management at the national, regional and local levels, modern management technologies, service delivery, communications in public administration, e-governance, e-democracy, smart cities.

Features of the program	Combining of research and practice. Involvement of graduate students in teaching activities in accordance with the direction of their research. Providing a set of knowledge and skills needed to make management decisions on complex social systems and to solve pedagogical problems with the help of modern information and communication technologies. Developing the ability to work with different types of data, including Big data, open data, etc. within the digital transformation of the public administration system, to use various tools and technologies of e- governance and e-democracy.
4 - Suitability of graduates for employment and further study	
Suitability for employment	Work within the national classifier of Ukraine "Classifier of professions" SC 003: 2010: 1120. Senior officials of public authorities 2310. Teachers of universities and higher educational institutions. 2419 Civil service professionals 2419.3. Professionals of civil service and local self-government. 2447 Professionals in project and program management. The graduate may hold other positions that correspond to the special (professional) competencies of public servants: - in ministries and other central executive bodies; - in local state administrations; - in local governments; - on the positions of patronage service employees; - on managerial positions in institutions and organizations of various forms of ownership and subordination; - on managerial positions in international organizations and their subsidiaries in Ukraine. Can be engaged in research, teaching, expert activities.
Further training	Continuation of doctoral studies and / or the opportunity to participate in postdoctoral programs

5 - Teaching and assessment	
Teaching and learning	Problem-oriented learning, blended learning technologies. Lectures, practical and seminar classes; field trips (thematic classes) in state and local executive bodies; performance of creative works (individual tasks), case-study, project activity in the direction of dissertation research. Using the "Sikorsky" platform for educational activities in remote and mixed formats. Conducting own research; participation in initiative scientific topics in the direction of the research, approbation of results at scientific and practical conferences, seminars; students twice a year reports.
Evaluation	Publication of research results in professional scientific journals (at least one in the journal indexed in the scientometric Scopus database and other international scientometric databases defined by the SMC of the Ministry of Education and Science of Ukraine). Rating system, assessment, oral and written exams, tests, etc.
6 - Program competencies	
Integral competence	The ability to solve complex problems in the field of professional and / or research and innovation activities in the area of public administration, which involves a deep rethinking of existing and the creation of new holistic knowledge and / or professional practice.

General Competences (GC)	
GC 01	Abstract thinking, analysis and synthesis ability
GC 02	Ability to search, process and analyze information from various sources.
GC 03	Ability to form a systematic scientific worldview, professional ethics and academic integrity
GC 04	Ability to initiate research and innovation projects and work autonomous during their implementation
GC 5	Ability to establish scientific interaction, cooperation

Special (professional) competencies	
SC 01.	Ability to present and discuss the results of research and / or innovative developments orally and in writing form
SC 02.	Ability to carry out scientific and pedagogical activities in higher education
SC 03.	Ability to identify, pose and solve research problems in the field of public administration and administration, evaluate and ensure the quality of research
SC 04.	Ability to form and develop new ideas or processes in advanced contexts in the field of Public Management and Governance.

SC 05.	Ability to develop new approaches and adapt best practices, apply and improve administrative technologies in the field of Public Management and Governance in the conditions of new challenges and risks.
SC 06.	Ability to develop scientifically reasonable recommendations for improving Public Management and Governance.
SC 07.	Ability to determine, scientifically substantiate and critically evaluate strategic directions of development at the national, regional, local at the level of organization in the context of European and Euro-Atlantic integration.
SC 08.	Ability to ensure the appropriate level of quality of scientific / scientifically-methodological products, services or processes.
SC 09.	Ability to apply modern information technologies in scientific, educational (pedagogical) and professional activities.
SC 010.	Ability to create and apply knowledge through teaching, research, consulting and management.
7 – Programmatic results of studies	
PRS 1	Master conceptual and methodological approaches to Public Management and Governance, taking into account interdisciplinary links, as well as research skills sufficient to scientific and applied research at the level of the latest world achievements of the relevant area, gain new knowledge and / or innovate.
PRS 2	Freely present and discuss research results, scientific and applied problems in Public Administration and Governancein state and foreign languages, to reflect professionally research results in scientific publications in leading Ukrainian and international scientific journals.
PRS 3	Formulate new ideas, use appropriate evidence to substantiate conclusions, in particular, the results of theoretical analysis, experimental research, modeling, forecasting, programming and design.
PRS 4	Plan and perform theoretical-applied research in public administration and related interdisciplinary areas using modern tools.
PRS 5	Deeply understand general principles and methodology of Public Management and Governance, apply them in their own research in the public sphere and in teaching practice.
PRS 6	Be able to identify, evaluate and justify strategic directions of development at the higher, central, regional, local levels and at the level of public organization.
PRS 7	Be able to develop new approaches and adapt best practices of e-governance and e-democracy to the needs of sustainable development.
PRS 8	Be able to apply modern information technologies and tools in scientific, educational (pedagogical) and professional activities.

PRS 9	Be able to obtain scientifically-applied results that contribute to the solution of an important theoretical or applied problem in the field of Public Management and Governance, which have national or global importance.
PRS 10	Know and adhere to the basic principles of academic integrity in scientific and educational (pedagogical) activities.
PRS 11	To be able to teach at a high scientifically-theoretical and methodological level disciplines in the specialty "Public Administration", to develop in accordance with modern requirements of educational and methodological support of these disciplines.
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, as amended by the Resolution of the Cabinet of Ministers of Ukraine dated 10.05.2018 № 347
Logistics	Logistics of educational activities meets the licensing requirements, approved by the Resolution of the Cabinet of Ministers of Ukraine dated 30.12.2015 № 1187, as amended by the Resolution of the Cabinet of Ministers of Ukraine dated 10.05.2018 № 347
Information and educationally-methodical support	Information and educationally-methodical support of educational activities meets the licensing requirements approved by the Resolution of the Cabinet of Ministers of Ukraine № 1187 of 30.12.2015, as amended in accordance with the Resolution of the Cabinet of Ministers of Ukraine № 347 of 10.05.2018. Scientifically-technical G.I Denisenko Library, Igor Sikorsky KPI.

9 – Academic mobility	
National credit mobility	Implemented in partner organizations within Ukraine in accordance with the Regulations on Academic Mobility of Igor Sikorsky KPI. (https://osvita.kpi.ua/sites/default/files/downloads/Pol_pro_akadem_mobil.pdf) in order to obtain ECTS credits and / or competencies, result of studies that relate to current educational program is possible provided if they relate to the educational program . Participation in academic mobility programs is regulated by bilateral agreements between the University and partner organizations. In the case of choosing a program of an organization that is not a partner of the University, participation in it is allowed provided that the program corresponds to the educational program for which the applicant is educating. The Dean of the Faculty of Sociology and Law, on the basis of the recommendation of the commission created by his order, may decide to recognize the competencies acquired by the graduate student in other institutions of higher education (scientific institutions) in one or more disciplines (credit ECTS credits), the acquisition of which is provided by the educational and scientific program of training doctors of philosophy in the specialty 281 Public Management and Governance.
International credit mobility	Implemented in partner organizations outside Ukraine in accordance with the Regulations on Academic Mobility of Igor Sikorsky KPI. (https://osvita.kpi.ua/sites/default/files/downloads/Pol_pro_akadem_mobil.pdf) in order to obtain ECTS credits and / or competencies, learning outcomes that correspond to this educational program is possible provided they correspond to the educational program . Opportunity to participate in scholarship programs, exchange programs, double degree programs, grants, participation in internships, Erasmus + (http://mobilnist.kpi.ua/).\ Participation in academic mobility programs is regulated by bilateral agreements between the University and partner organizations. In the case of choosing a program of an organization that is not a partner of the University, participation in it is allowed provided that the program corresponds to the educational program for which the applicant is training. It is provided in accordance with the signed agreements on international academic mobility (Erasmus + K1), including the possibility of obtaining a double diploma.
Education of foreign applicants for higher education	Teaching in English

2. LIST OF THE EDUCATIONAL COMPONENT ELEMENTS OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM

Code n/d	Components of the educational program (academic disciplines, practices, qualification work)	Number of credits	Form of final control
1	2	3	4
Mandatory (regulatory) components of EP			
GO 1	Philosophical principles of scientific activity	6	Exam
GO 2	Educational discipline of language and practical training	6	Exam
PO 1	Theory and methodology of public administration	3	Exam
PO 2	System analysis and modeling in public administration	3	Exam
PO 3	Strategic directions of e-governance development	3	Exam
PO 4	Open data in the field of public administration	3	Exam
PO 5	Philosophy of management and sustainable development	3	Exam
PO 6	Organization of scientific and innovative activities	3	Test
PO 7	Pedagogical practice	7	Test
PO 8	Pedagogical acmeology	3	Test
PO 9	The art of scientific reporting and professional ethics	4	Test
Elective disciplines in the field of postgraduate research			
PC 1	Educational component 1 of the F-Catalog	4	Test
PC 2	Educational component 2 of the F-Catalog	4	Test
PC 3	Educational component 3 of the F-Catalog	4	Test
PC 4	Educational component 4 of the F-Catalog	4	Test
The total amount of mandatory components:		44	
The total amount of sample components:		16	
TOTAL VOLUME OF THE EDUCATIONAL PROGRAM		**60**	

3. SCIENTIFIC COMPONENT

Year of preparation	The content of the graduate student's scientific work	Form of control
1 year	Selection and substantiation of the topic of own research, determination of the content, deadlines and scope 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. 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 theses of presentations.	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	Conducting own research under the guidance of the supervisor, which involves solving research problems through the use of a set of theoretical and empirical methods. Preparation and publication of at least the 1st article in scientific professional publications of category B (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of theses of presentations.	Reporting on the progress of the individual graduate student's plan twice a year
3 year	Analysis and generalization of the obtained results of own scientific research; substantiation of scientific novelty of the obtained results, their theoretical and / or practical significance. Preparation and publication of at least 1 article in scientific professional publications of category B on the research topic; participation in scientific and practical conferences (seminars) with the publication of theses of presentations.	Звітування про хід виконання індивідуального плану аспіранта двічі на рік

| 4 year | Registration of scientific achievements of the post-graduate student in the form of the dissertation, summing up concerning completeness of coverage of results of the dissertation in scientific articles according to the current requirements. Implementation of the obtained results and receipt of supporting documents. Submission of documents for preliminary examination of the dissertation. Preparation of a scientific report for final certification (defense of the dissertation). | Reporting on the progress of the individual graduate student's plan twice a year Providing an opinion on the scientific novelty, theoretical and practical significance of the dissertation results. |

4. STRUCTURAL AND LOGICAL SCHEME OF THE EDUCATIONAL PROGRAM

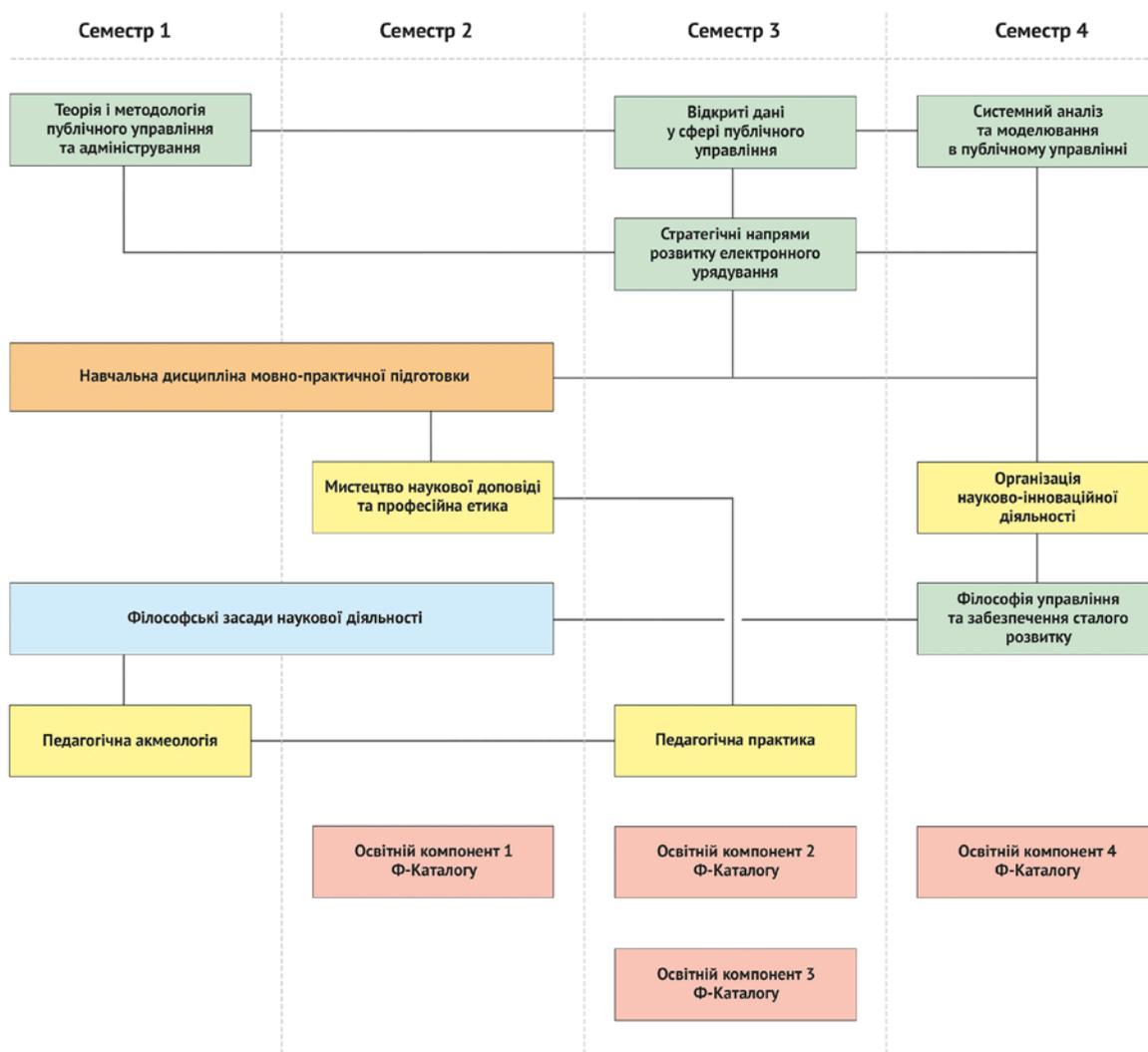КПІ ім. Ігоря Сікорського
Факультет соціології і права
Кафедра теорії та практики управління

Структурно-логічна схема освітньої програми — Рік вступу: 2020

Спеціальність
281 Публічне управління та адміністрування

Освітньо-наукова програма
Публічне управління та адміністрування

Ступінь вищої освіти
Третій (освітньо-науковий) рівень (доктор філософії)

Семестр 1	Семестр 2	Семестр 3	Семестр 4

- Теорія і методологія публічного управління та адміністрування
- Відкриті дані у сфері публічного управління
- Системний аналіз та моделювання в публічному управлінні
- Стратегічні напрями розвитку електронного урядування
- Навчальна дисципліна мовно-практичної підготовки
- Мистецтво наукової доповіді та професійна етика
- Організація науково-інноваційної діяльності
- Філософські засади наукової діяльності
- Філософія управління та забезпечення сталого розвитку
- Педагогічна акмеологія
- Педагогічна практика
- Освітній компонент 1 Ф-Каталогу
- Освітній компонент 2 Ф-Каталогу
- Освітній компонент 4 Ф-Каталогу
- Освітній компонент 3 Ф-Каталогу

Нормативні освітні компоненти

- Навчальні дисципліни для здобуття універсальних компетентностей дослідника
- Навчальні дисципліни для здобуття мовних компетентностей
- Навчальні дисципліни для здобуття глибинних знань зі спеціальності

Вибіркові освітні компоненти

- **Індивідуальна освітня траєкторія** Вибіркові дисципліни за напрямом наукового дослідження аспіранта
- Навчальні дисципліни для оволодіння загальнонауковими (філософськими) компетентностями

5. FORM OF GRADUATE CERTIFICATION OF HIGHER EDUCATION APPLICANTS

Graduation attestation of higher education students under the educational-scientific program "Public Administration" of specialty 281 "Public Administration" of the educational level of Doctor of Philosophy is carried out in the form of public defense of the dissertation and ends with the issuance of a standard document on awarding the degree of Doctor of Philosophy. "Doctor of Philosophy in Public Administration".

The dissertation for the degree of Doctor of Philosophy is an independent detailed research that offers a solution to a complex problem in the field of Public Management and Governance or on its border with other specialties, which involves a deep rethinking of existing and creation of new holistic knowledge and / or professional practice.

The dissertation should not contain academic plagiarism, falsification, fabrication.

The dissertation should be posted on the Igor Sikorsky KPI website.

The dissertation must meet other requirements established by law.

6. MATRIX OF PROVIDING PROGRAM LEARNING RESULTS BY RELEVANT COMPONENTS OF THE EDUCATIONAL PROGRAM

		Philosophical principles of scientific activity	N / A language and practical training	Theory and methodology of PMG	System analysis and modeling in PA	Strategic directions of EG development	Open data in the field of EG	Philosophy of management and sustainable development	Organization of scientifically-innovative activities	Pedagogical practice	Pedagogical acmeology	The art of scientific reporting and professional ethics
		GO 1	GO 2	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9
PLO1	Master the conceptual and methodological approaches to PMG taking into account interdisciplinary links, as well as research skills sufficient to conduct scientific and applied research at the level of the latest world achievements in the relevant field, gaining new knowledge and / or implementing innovations	✓		✓	✓			✓	✓			
PLO2	Freely present and discuss research results, scientific and applied problems with PMG state and foreign languages, professionally reflect the results of research in scientific publications in leading Ukrainian and international scientific publications	✓	✓	✓	✓	✓						✓
PLO3	Formulate new ideas, use appropriate evidence to substantiate conclusions, in particular, the results of theoretical analysis, experimental research, modeling, forecasting, programming and design	✓		✓	✓			✓				
PLO4	Plan and perform theoretical and applied research on PMG and related interdisciplinary areas using modern tools				✓	✓			✓			
PLO5	Deeply understand the general principles and methodology of PMG, apply them in their own research in the public sphere and in teaching practice			✓				✓		✓		
PLO6	Be able to identify, evaluate and justify strategic directions of development at the higher, central, regional, local levels and at the level of public organization				✓	✓	✓	✓		✓		
PLO7	Be able to develop new approaches and adapt EG and e-democracy best practices to the needs of sustainable development					✓	✓	✓		✓		
PLO8	Be able to use modern IT and tools in scientific, educational (pedagogical) and professional activities					✓	✓		✓	✓	✓	✓
PLO9	Be able to obtain scientifically-applied results, which contribute to the solution of an important theoretical or an applied problem in the field of PMG of national or global importance			✓	✓							
PLO 10	Know and adhere to the basic principles of academic integrity in scientific and educational (pedagogical) activities	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
PLO11	Be able to teach at a high scientific-theoretical and methodological level disciplines in the specialty "PMG", to develop in accordance with modern requirements of educational method of these disciplines		✓	✓	✓	✓	✓			✓	✓	✓

Note: PMG – Public Management and Governance, EG – e-governance, ED – e-democracy.

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

		Philosophical principles of scientific activity	N / A language and practical training	Theory and methodology of PMG	System analysis and modeling in PA	Strategic directions of EG development	Open data in the field of EG	Philosophy of management and sustainable development	Organization of scientifically-innovative activities	Pedagogical practice	Pedagogical acmeology	The art of scientific reporting and professional ethics
		GO 1	GO 2	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9
GC01	Ability to abstract thinking, analysis and synthesis	✓		✓	✓	✓		✓		✓		
GC02	Ability to search, process and analyze information from various sources			✓	✓	✓	✓			✓		✓
GC03	Ability to form a systematic scientific worldview, professional ethics and academic integrity	✓		✓	✓	✓		✓	✓	✓		✓
GC04	Ability to initiate research and innovation projects and work autonomously during their implementation				✓	✓			✓			✓
GC05	Ability to establish scientific interaction, cooperation	✓	✓				✓		✓	✓		✓
SC01	Ability to present and discuss the results of scientific research and / or innovative developments orally and in writing		✓		✓	✓	✓		✓	✓		
SC 02	Ability to carry out scientific and pedagogical activities in higher education		✓	✓	✓	✓	✓		✓	✓	✓	✓
SC 03	Ability to identify, pose and solve research problems in the field of Public Management and Governance, evaluate and ensure the quality of research	✓		✓	✓	✓			✓			✓
SC 04	Ability to form and develop new ideas or processes in advanced contexts in the field of Public Management and Governance			✓		✓		✓				
SC 05	Ability to develop new approaches and adapt best practices, apply and improve management technologies in the field of Public Management and Governance in conditions of new challenges and risks			✓	✓	✓	✓	✓				
SC 06	Ability to develop scientifically sound recommendations for improving Public Management and Governance						✓		✓			✓
SC 07	Ability to determine, scientifically substantiate and critically evaluate strategic development directions at the national, regional, local and organizational levels in the context of European and Euro-Atlantic integration		✓		✓	✓	✓	✓				
SC 08	Ability to ensure the appropriate level of quality of scientific / scientifically-methodological products, services or processes				✓			✓	✓	✓	✓	✓
SC 09	Ability to apply modern information technologies in scientific, educational (pedagogical) and professional activities				✓	✓	✓		✓	✓	✓	
SC 10	Ability to create and apply knowledge through teaching, research, consulting and management			✓	✓		✓	✓	✓	✓	✓	