



Simon Kuznets Kharkiv
National University of
Economics



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Self-evaluation report of PhD programme “Economics”



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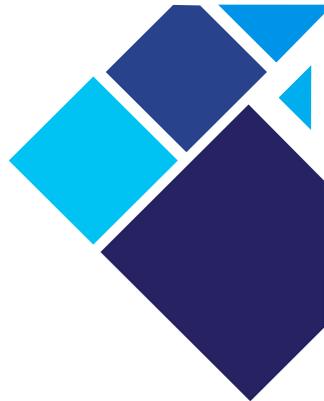


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INTRODUCTION

Simon Kuznets Kharkiv National University of Economics (KhNUE) is the leading higher education institution of Eastern Ukraine. It provides a full range of educational services, carrying out multistage training, retraining and raising the level of experts' skills in 15 specialties, such as Economics and Entrepreneurship, Management and Administration, Informatics and Computer Engineering, Publishing and Printing Business, Service and State Administration. The university has about 6,000 students (including 800 foreign students), 650 faculty members and offers training primarily structured around the new teaching architecture of higher education. There are 7 faculties, 35 departments, a Correspondence and Distance Learning Centre, Centre of Post-Graduate education, specialized academic councils on defense of PhD theses and educational and scientific-research laboratories.

The University established a flexible system of quality management of the training of specialists, based on continuous monitoring of graduates' achievements. 9 MSc Double Diploma Programmes are established in KhNUE. Double Diploma Master Programme with University Lumiere Lyon-2 (France) is working from 2005, has more than 220 graduates. KhNUE is an active member of IT-Ukraine association. Some pioneering on-going cooperation programmes include Microsoft IT-Academy operates since 2009, IBM Academic Centre "Smarter Commerce" since 2012. Regional Inter-University Start-up Centre "First Capital" was created in 2013 as a network for creativity, entrepreneur skills and student's innovative ideas development. In 2018 FABLAB was opened. The aims are developing an environment that stimulates engineering creativity, entrepreneurial activities and fosters youth employability via university-business-industry networking on "FABLAB" platforms. Annual competition "Kuznets start-up challenge" held in KhNUE.

KhNUE boasts with 7 research schools that indicate the KhNUE research priorities:

- enterprise strategic management systems elaboration;
- problems of socio-economic development of regions;
- economic problems of fixed assets renewal and the innovative development of enterprises;
- development of analysis systems and early prevention of destabilizing of economic systems performance;
- scientific foundations of business entities taxation;
- organization of production and entrepreneurial activity;
- models and IT in management of development.

Currently the KhNUE research schools (200 researchers and 33 students) are engaged in 5 projects funded by the state (total amount 1 722 550 UAH).

To expand the international dialog in the fields of research the annual international scientific conference "Economic development and heritage of Simon Kuznets" was conducted from 2017. 4 Scientific journals are supported research activities of KhNUE professors and young scientists.

KhNUE delivers post-graduate education in 11 PhD programmes:



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011 Science Education.
051 Economics.
056 International Economic Relations.
071 Accounting and taxation.
072 Finance, banking and insurance.
073 Management;
074 Public Management and Administration;
075 Marketing.
076 Business, trade and exchange activities.
122 Computer Science and Information Technology.
242 Tourism.

PhD programmes involve an educational component of 8 courses (+1 course for the foreign students) (40 ECTS credits), among them 4 courses (+1 course for the foreign students) are targeted towards the development transferable competences. PhD cycle curriculum also includes 2 electives (10 ECTS credits). In addition to learning how to conduct research at an international level, students should acquire a broad theoretical and methodological insight into the discipline of economics.

Promoting strong internationalization approach KhNUE currently participates in 6 ERASMUS+ and 1 Horizon2020 projects.

Among them ERASMUS+ DocHub project aimed to establish 5 regional DocHubs as national centers of excellence in PhD training, to institute Quality Assurance systems, to establish infrastructure and systems for training in advanced academic writing, to design and pilot transferable skills according to EC "Principles for Innovative Doctoral Training" quality standards.

AREA 1: POSITIONING OF THE DOCTORATE

Standard 1-1: The doctorate’s distinctive features and objectives are clearly defined.

The strategic goal of Simon Kuznets Kharkiv National University of Economics (KhNUE) is to improve the quality of training of specialists to the level that will provide them with an opportunity to take a decent place in the society and successfully work in a specialty for the development of a society based on a global knowledge economy.

KhNUE provides training of postgraduate students according to “Guidance for Training Postgraduate and Postdoctoral Students at Higher Educational Establishments (Scientific Institutions)” adopted by the order of CMU of 23 March 2016 №261.

The doctoral studies are conducted in accordance with the Legislation of Ukraine, Salzburg Principles, EU Principles for Innovative Doctoral Training. The doctoral educational programmes are developed in accordance with the Bologna principles, ECTS, the National Qualifications Framework and the European Qualifications Framework.

The Doctor of Philosophy is an educational degree and, at the same time, the first academic degree obtained at the third level of higher education on the basis of a master’s degree. The degree of the Doctor of Philosophy is awarded by a special academic board as a result of the successful completion of the relevant educational and academic program by a higher education candidate and the public defense of the thesis work (doctoral dissertation) in the special academic council.

The KhNUE Cycle 3 programmes graduates’ degree corresponds to third (Educational and Scientific) cycle of QF for EHEA; 8th qualification level of the EQF for LLL; 8th qualification level of the National Qualifications Frameworks of Ukraine. The definition of the KhNUE Cycle 3 programs learning outcomes is in line with the National Qualification Framework and is based on the ability to create new knowledge through research, development of research skills as well as professional skills required for career development, attitudes to the development and dissemination of scientific knowledge, social awareness of the relationship between knowledge development and its impact on the society.

The doctoral program “Economics” corresponds to the Strategic Plan of Development of Kharkiv National Economic University for 2013-2020 (<https://www.hneu.edu.ua/wp-content/uploads/2018/11/Strategic-Plan-HNEU-2013-2020-years-1.pdf>) and Main Provisions of the 2020 Conceptual Development Framework for Simon Kuznets Kharkiv National University of Economics (<https://www.hneu.edu.ua/en/wp-content/uploads/sites/3/2019/01/internationalization-strategy.pdf>).

The aim of the PhD programme is to give the doctoral students a deeper understanding of the field of modern Economics, through the training in research methodology, tools and techniques of analysis, and opportunities to apply this in extended research. The graduates will then be in the position to pursue an academic career, as well as working as economists in the private sector, governments, and international organizations.

The Cycle 3 programme “Economics” description with defined purpose, characteristics, list of competencies and relevant learning outcomes is presented at the [Annex 10 a](#). The correlation between the competencies of doctoral students and



program learning results with disciplines and cycles of training is detailed in the [Annex 10 b](#).

The target audience of the doctorate can be presented by the doctoral students (entering graduate school and already graduate students) and other stakeholders. Up to the Rules of admission to the postgraduate study at the KhNUE (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Pravyla-pryjomu-do-aspirantury-i-doktorantury-HNEU-im.-S.-Kuznetsya-u-2018-rotsi-zimnamy.pdf>) a person with master's degree or educational level of specialist is eligible to enroll to the doctorate of KhNUE.

The main stakeholders of the doctorate are people and organizations who need profound knowledge of the mechanisms of economics and business such as research centres, local and national authorities, business representatives, other HEIs from Ukraine and all over the world. This knowledge helps them make decisions that have a positive impact to the economics on national and international levels.

The doctorate plays the leading role in the development of KhNUE research activity, raising its status in foreign and domestic ratings and education of proficiency level staff. The applicants of the doctorate carry out their thesis research; take part in fundamental and applied scientific achievements; take part in problem research teams; take regular part in international and national scientific research conferences, scientific and methodological seminars and round tables (together with the representatives of research schools of KhNUE and other Kharkiv region institutions).

Standard 1-2: The positioning of the doctorate is consistent with its environment.

There are two units responsible for doctorate activities in KhNUE. The Research Department is responsible for the scientific part of research (topics of research, their compliance with priority areas of development on regional and national levels, information on scientific events as conferences, seminars, round tables, etc.). Postgraduate and doctoral department is responsible for management processes. The management chart of PhD programme structured by teaching, scientific, and administrative issues is presented in [Annex 3](#).

KhNUE cooperates with research units as within the University as external ones ([Annex 5](#)).

The doctorate actively works with Research department of KhNUE (<https://www.hneu.edu.ua/naukovo-doslidnyj-sektor>), main task of which is to organize the planning and carrying out scientific research at the university;

with the scientific schools of university, which play a leading role in developing scientific activity in University, increasing its status in international and domestic external rankings, training of highly skilled personnel ([Annex 6](#));

with Research Center for Industrial Development Problems of the National Academy of Sciences of Ukraine (<https://ndc-ipr.org>), within which the fundamental and applied researches are carried out, scientific-analytical materials and scientific-practical developments are performed on the order of bodies of state and local authorities, leading enterprises and organizations of Ukraine;

with Institute for Economics and Forecasting NASU (<http://www1.nas.gov.ua/en/Structure/de/iepr/Pages/default.aspx>) – and

National University Of Kyiv-Mohyla Academy (<https://www.ukma.edu.ua>) in the frame of ERASMUS+ DocHub project to participate in optional course "Modeling of the financial market".

The Research department of KhNUE has the specialist on intellectual property - patent attorney - who provides the legal advice and informational assistance on the implementation of personal non-property and property rights to intellectual property of doctoral students.

To provide the clarity and promotion of doctoral programs its description and all the documents are available at KhNUE official site at special subsection (<https://www.hneu.edu.ua/aspirantura>).

KhNUE undertakes considerable range of research activities focused on certain directions of research in various fields related to the development of Ukraine.

Agreements between public and private economic entities of different forms of ownership and KhNUE researchers were concluded to carry out applied research projects in 2018. The funding from economic entities have decreased to 5% of research revenues (amount of private funding is 124,000 UAH).

In 2018 KhNUE researchers worked at 2 fundamental research projects with state-funded financing (total amount 674 340 UAH), at 2 applied research projects with state-funded financing (total amount 748 210 UAH), and young university scientists worked at 1 project with state-funded financing (amount 300 000 UAH).

The doctoral students are actively involved to the participation in the research work of the university. For the period of 2015-2019 117 doctoral students (including 84 persons or 72% of women) participated in research funded from state budget of Ukraine and by contract of enterprises ([Annex 9](#)).

Interactions with the economic entities are conducted through events, such as:

- workshops with invited guests;
- company visits;
- seminars with invited guests;
- yearly vacancy fairs;
- conferences;
- social events, and others.

Thus, in 2018, 27 meetings were organized with representatives of companies from Ukraine and the world, which held lectures, trainings, master classes and business games for students of KhNUE. Among the speakers are representatives of Oleos Trading, EPAM, UkrSibbank BNP Paribas Group, JSC Oschadbank, Basket, FOZZY GROUP, InBev EFES, Tapmedia, EKSI, Nowy Styl Group, LFS Time. PhD students participated in those events. Also 7 companies presentations and career opportunities and internship programs were held: Vertikal, McKinsey & Company, Nestle, Anitex, PrivatBank, UkrSibbank BNP Paribas Group, TEAM International. All the information is available on the web-page of the Department of Career Development (<http://job.hneu.edu.ua>).

In accordance with the university's development strategy, which is based on the preservation of the traditions of Ukrainian higher education and the orientation towards European and world educational standards and values, partnership with foreign higher educational, scientific and cultural institutions through deepening integration into the European and world educational space is one of the priority tasks of KhNUE.

Currently KhNUE has 37 agreements with HEIs from more than 30 countries of the world. It is aimed to provide the organization of joint conferences and seminars, publication of joint scientific and methodological articles and monographs, exchange

of students, including PhD, sharing teaching staff for lecturing, teaching special study disciplines, studying experience, scientific internship and for other forms of qualification improvement, sharing special literature, scientific journals, collections, and monographs, methodological and teaching aids, further development of joint programs (postgraduate education), etc.

Doctoral students take part in international scientific conferences held by the partner HEIs of KhNUE. List of the international conferences, in which doctoral

The obligatory elements of internationalization in KhNUE are the requirement to speak a foreign language (mainly English) at level B2 – C1, publications in international ranking lists, participation in international and foreign conferences, and publications in international languages. In the curriculum of the PhD student, there is compulsory training in the Foreign Language (5 ECTS). Teaching in English language courses and training materials are based on Cambridge Business English programme including relevant certification. The Advanced academic writing course (10 ECTS) is developed in ERASMUS+ DoCHub project and available for PhD students.

Also, within the framework of international relations with foreign universities, trainings and lectures are conducted by leading scholars visiting PhD students (not included in the approved training curriculum). As a result of participating in such trainings and listening to the course of lectures, students have the opportunity to obtain appropriate certificates.

So Dr. Yan-Urban Sandal from Norway in February-March 2017 and February 2018 has conducted a series of lectures on Social Entrepreneurship. The cycle included three disciplines: social entrepreneurship, innovative management and service management. After successful completion of the course, the students received relevant international certificates.

On February 15, 2017, the lectures on Family Business Management in Sweden, Swedish Business Practices, Swedish Audit Practice in the framework of the visit of Timurs Umans, Associate Professor in Corporate Management, Sven-Olof Yrjo Collin, Professor in Corporate Management, Pernilla Broberg, Associate Professor in Accounting and Audit from the Christianstadt University (Sweden) were held.

On September 2018 Professor of the Friedrich-Alexander University (FAU) Erlangen-Nuremberg (Germany) Jürgen Keler presented the International Finance Course for KhNUE students.

As a participant of the Erasmus + DoCHub project "Structuring cooperation in doctoral research, transferrable skills training, and academic writing instruction in Ukraine's regions" (<http://dochub.com.ua>) KhNUE is a member of the national network of excellence in PhD training in Finance.

Together with 2 Research Institutions and 1 Academic Institution KhNUE provides interdisciplinary training, academic writing courses and the development of universal competencies of PhD students.

KhNUE PhD students can take part in the programmes as an international thesis or co-thesis as well as can an opportunity to enter KhNUE and international HEI PhD programme. In this case, the defense takes place under the terms of the inter-institutional agreements.

There are 2 examples of the experience in writing a joint international thesis by KhNUE PhD students:

in 2008 – thesis on the topic «[Business intelligence for small and middle-sized enterprises](#)» by specialty 08.00.11 Mathematical methods, models and informational technology in economics (in collaboration with University Lyon 2 scientists);

- in 2013-2016 – thesis on the topic «Evaluation of tourism potential of Ukraine»

by specialty 08.00.03 Economics and management of the national economy (under the terms of an individual contract for writing a joint international dissertation between KhNUE and University Lyon 2).

Academic mobility of PhD students is regulated by the Bylaw of CMU, August 12, 2015, №579 and clarified by the document "On Certain Issues of the Approval of the Procedure for Academic Mobility" by the MESU.

KhNUE PhD students can take part in Erasmus +:

KA1 programs with University Lyon 2 (France) (in particular based on ratified a study / internship agreement aimed at facilitating international mobility of students, PhD students, faculty and staff in higher education), Friedrich-Alexander University Erlangen-Nürnberg (Germany), ISMA University (Latvia), School of Economics and Management of Public Administration in Bratislava (Slovakia), State Higher School of Technology and Economics in Jarosław (Poland), WSB University (Poland).

To enhance the quality of doctoral programs teachers of KhNUE with the experience of mobility are involved into the learning process for doctoral students. In addition, KhNUE PhD students can take part in projects and programs that are opened by various funds and receive appropriate scholarships for implementation of their own research projects.

AREA 2: ORGANISATION AND MANAGEMENT OF THE DOCTORATE

Standard 2-1: Effective organization and management is in place for the doctorate.

The structure of the doctorate of KhNUE is presented in Annex 3. For the processes of quality implementation of doctoral programs it has connections on teaching, scientific and administrative levels. The main department which is responsible for the Cycle 3 at KhNUE is Postgraduate and doctoral department. It carries out its activities for the purpose of organizing and controlling the training of scientific-pedagogical and scientific personnel of high qualification in post-graduate (and post-graduate) and doctoral studies at the University. In its work it is governed by the Regulations on the postgraduate and doctoral department of the University (Annex 4).

For the doctoral educational programme development, the working groups are formed, which include leading professors, employers and PhD students. Educational programmes are discussed at the working groups meetings and approved by the University Academic Council.

Each doctoral programme is revised every year to provide their relevance to the environment on national and international levels.

The PhD programme "Economics" working group is approved by the Order of Rector of 1051-C from 01.09.2018.

The Working group consists of the:

Head – Galyna NAZAROVA, Head of Economics and Social Science Department, Doctor of Science, professor;

2 Academic members:

Olena IASTREMSKA, Doctor of Science, professor;

Olexander PUSHKAR, Doctor of Science, professor;

Representative of business: Oleksii CHERKASSKYI, First Deputy General Director of JSC "Turboatom" (<http://www.turboatom.com.ua/company/management/3120>)

Representative of PhD students: Tetiana PLIEKHANOVA, 3rd year PhD student.

In 2018 the members of Staff Conference have voted to join the European Charter for Researchers. The main aim is to ensure that the nature of the relationship between researchers and employers or funders is conducive to successful performance in generating, transferring, sharing and disseminating knowledge, and to the career development of researchers.

Currently, PhD students must adhere to the basic rules of academic integrity in accordance with the Code of Professional Ethics and Organizational Culture of the staff and students of the Kharkiv National University of Economics (<https://www.hneu.edu.ua/wp-content/uploads/2018/10/Kodeks-profesiynoyi-etyky.pdf>) and Methodological Recommendations for Higher Education Institutions to Support the Principles of Academic Integrity (<https://mon.gov.ua/storage/app/media/vishcha-osvita/2018/10/25/recomendatsii.pdf>).

The doctorate program provides various material resources and support for their doctoral students: laboratories and workshops, libraries, database access, connection, and more. The Scientific and Technical Library operates in KhNUE. The total area of



the library is 6 thousand square meters. The readers have openly opened 12 reading rooms, 13 bookshops, 12 subscriptions to scientific and educational literature. Today the library fund has 843795 volumes.

The KhNUE actively conducts the transition of the teaching and learning process to IT technologies, which includes the production of innovative electronic multimedia interactive editions (textbooks of the new generation): 20 specific publications in Economics are available online in electronic resources of the library, online courses are developed and based on internal Learning Management System (Moodle platform), which has 1,537 on-line courses, including courses for PhD programmes.

The library network of KhNUE has 111 computers equipped with the electronic catalog, which today contains 168 083 entries in the main thematic sections.

The following databases have been created and constantly replenished in the library: new revenues; articles of periodicals; dissertations and abstracts; documents on electronic media; full-text documents; readers; electronic multimedia editions. The database "Book-keeping" was created, which makes it possible to receive information on the structure of all academic disciplines being studied at the university (specialty - semester - form of studies - department); to review disciplines in specialties, departments; to see the availability of literature in the fund for any academic discipline.

Since 2012, the institutional repository of the KhNUE operates.

The Center for Innovative Knowledge of the World Bank operates in Ukraine on the basis of the KhNUE Library since 2007. The library conducts the processing of documents issued and sent to the World Bank's Center for Innovative Knowledge. The services of the Center for Innovative Knowledge of the World Bank are free in Ukraine. The total number of publications available to visitors is 460 copies.

From April 2009 on the basis of Scientific and Technical Library of KhNUE the Information Center of the European Union operates. Providing assistance to universities and research centers in teaching students and carrying out research work, there are more than 800 documents.

KhNUE has its own Learning Management System (Moodle platform), which has 1,537 on-line courses of teaching disciplines.

KhNUE has sufficient amount of equipment, devices and software of specialized computer laboratories ensuring the implementation of curriculum in the specialty 051 Economics, that is described in [Annex 16](#).

The doctoral students have the access to all the infrastructure of KhNUE. All necessary information about doctorate activities is free and constantly accessible to any person (PhD applicants, doctoral students, and stakeholders) on the official website of KhNUE in the section "Science" subsection "Postgraduate and doctoral studies". In particular:

In subsection "Regulatory framework for doctoral training" (Available in Ukrainian at: <https://www.hneu.edu.ua/normatyvno-pravova-baza-pidgotovky-zdobuvachiv>);

In subsection "Admission to PhD studies" (Available in Ukrainian at: <https://www.hneu.edu.ua/vstup-do-aspirantury>);

In subsection "Admission to doctoral studies" (Available in Ukrainian at: <https://www.hneu.edu.ua/vstup-do-doktorantury>);

In subsection "Schedule of postgraduate study process" (Available in Ukrainian at: <https://www.hneu.edu.ua/grafik-navchalnogo-protsesu-aspirantiv>);

In subsection "Information about teaching and methodological support of educational disciplines" (Available in Ukrainian at: http://212.111.212.226/Postgraduate_Study_051_Economics);

In subsection "Notice Board" (Actual Information about recent research activities, scientific and/or professional training events, etc. (is regularly updated and Available in Ukrainian at: <https://www.hneu.edu.ua/doshka-ogoloshen>).

In the [Annex 16](#) the data on resource provision (material, technical, educational, methodological and informational support of educational activities) of Cycle 3 programme "Economics" is presented.

Qualitative composition of the project team for the training of doctoral students on the specialty 051 "Economics" is presented in [Annex 16b](#).

Politics of KhNUE is aimed at continuous improvement and improvement of the quality of training at the 3rd (educational and scientific) level, borrowing for this purpose the positive experience of universities in developed countries, taking into account the peculiarities of the national education system.

The results of the fulfillment by applicants of the educational and scientific components of the preparation in the postgraduate course of the KhNUE, the results of anonymous questionnaires of applicants for their satisfaction with the training process ([Annex 14](#)), the volume of preparation of applicants and their dissertations and other information about the state of preparation of applicants at the 3rd level is collected at the end of each semester (semester) in order to quickly respond and manage the process of preparing graduates in KhNUE. The questionnaire of employers on their demands and expectations of PhD students skills is developed and will be piloted by the end of the study year.

The results of the survey of doctoral students on programme "Economics" on their satisfaction with the training process is presented in [Annex 15](#).

The internal QA of educational activity at KhNUE is based on the system of strategic planning, monitoring and self-evaluation at all levels of the university management structure. It is governed by the Regulations on internal quality assurance in Simon Kuznets Kharkiv National University of Economics (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Polozhennya-pro-VZYaO-2018.pdf>).

The basic internal QA procedures in KhNUE are follow:

- development and implementation of monitoring procedures for determining the dynamics of the quality of educational processes and results;
- self-evaluation of the quality of educational programme;
- preparation and conduction of marketing and monitoring research to determine the labor market needs as well as the requirements of stakeholders;
- analysis the quality of educational services and level of satisfaction from them;
- assessment of the activities results to stimulate and motivate the participants of educational process.

Standard 2-2: There is an explicit policy for funding and recruiting doctoral students which is adapted to their programme.

PhD students can be enrolled to the doctoral school as on state-funding base (90% of PhD students if doctoral programme "Economics") as on the basis of private funds (10% of PhD students) ([Annex 7](#)). PhD students are enrolled within the limits set by the Ministry of Education and Science of Ukraine.

Entrance and enrollment for studying at the postgraduate study of the KhNUE are carried out on a competitive basis in accordance with the Conditions of admission to study at higher educational establishments of Ukraine in 2018 and the Rules of admission to the postgraduate study at the KhNUE in 2018. (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Pravyla-pryjomu-do-aspirantury-i-doktorantury-HNEU-im.-S.-Kuznetsya-u-2018-rotsi-zi-zminamy.pdf>).

The students with the highest results of entrance exams are entitled for state budget funding.

The size of the postgraduate and doctoral student scholarship is determined by the CMU Decree No. 1050 "Certain issues of scholarship provision" of 28.12.2016, with amendments and clarifications (CMU Resolution No. 32 of 25 January 2017 "On Amendments to Certain Resolutions of the Cabinet of Ministers of Ukraine on Scholarship Aid").

According to the Decree of the Cabinet of Ministers of Ukraine No. 1050 dated December 28, 2016, "Some issues of scholarship support" and the Resolution of the Cabinet of Ministers of Ukraine dated January 25, 2017, No. 32 "On Amendments to Certain Decrees of the Cabinet of Ministers of Ukraine on Scholarship Aid", the postgraduate scholarship is 90% of the salary of the associated professor. Also PhD students have the right to work in part-time (but not more than 0.5 rates for a position held).

From January 1, 2017 (according to the Decree of the Cabinet of Ministers of Ukraine No. 1050 dated December 28, 2016 and the Resolution of the Cabinet of Ministers of Ukraine No. 32 dated January 25, 2017), the scholarship of doctoral students is: 90% of the salary of the associate professor + the amount of additional fees for the existing degree or academic rank, in the case when the corresponding scientific program according to the profile coincides with the scientific degree or the academic degree of the doctoral student.

The mutual commitment of the university and the postgraduate student (doctoral student) who studies by public order or at the expense of individuals or legal entities, are defined in the contract, which the postgraduate student (doctoral student) signs with the KhNUE. Such agreement provides for the timely completion of work on the dissertation (defense of the dissertation or submission of it to the defense to the specialized academic council); employment after graduation or doctoral studies and the correspondence of the parties in case of failure to comply with the terms of the contract. For a violation of the rules of the internal order of the university, commission of unlawful actions, non-fulfillment of an individual plan of work without valid reasons, a postgraduate student (doctoral student) may be deducted from postgraduate studies (doctoral studies). Postgraduate student (doctoral student) who was studying on a state budget funding base and was given up for the reasons given, reimburses the cost of training in accordance with the procedure provided for by the current legislation of Ukraine.

Persons who professionally conduct scientific, scientific-technical or scientific-pedagogical activity in the KhNUE (at the main place of employment) have the right to obtain a higher education degree of a doctor of philosophy outside the postgraduate study without interruption of work activity.

Entrance tests for the post-graduate course of KhNUE, PhD students of the PhD degree consist of:

- an entrance exam in a foreign language (English, German, French in the

amount that corresponds to Level B2 of the European Recommendations on Language Education) in written form under the program of entrance examinations in a foreign language approved by the Academic Council of KhNUE and posted on the official site of the KhNUE.

An apprentice who has confirmed his level of knowledge, including English, a valid TOEFL test certificate, or the International English Language Testing System, or the Cambridge English Language Assessment certificate, is exempted from taking an entrance exam in a foreign language. When determining the results of the competition, these certificates are equated with the results of the entrance test from the foreign language with the highest score.

- entrance examination on a specialty (in the volume of the program of the level of higher education of the master's degree in the corresponding specialty) in written form compiled according to the programs of entrance specialty tests in the specialty, approved by the Academic Council of KhNUE and posted on the official site of the KhNUE.

Additional indicators of the competitive selection for admission to the postgraduate study are the average mark of the masters (specialist) graduate and his previous research achievements up to the Rules for admission to the postgraduate and doctoral studies at KhNUE in 2018 (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Pravyla-pryjomu-do-aspirantury-i-doktorantury-HNEU-im.-S.-Kuznetsya-u-2018-rotsi-zi-zminamy.pdf>).

Entrance test programs are published at official site of KhNUE:

Entrance test program for foreign language (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Programa-vstupnogo-vyprobuvannya-z-in-movy-2018.pdf>)

Entrance test program for Ukrainian language for foreign citizens (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Prohrama-vstupnoho-vyprobuvannya-z-ukr-movy-dlya-inozemnykh-hromadyan.pdf>)

Entrance test program in specialty 051 Economics (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Programa-vstupnogo-vyprobuvannya-zi-spetsialnosti-051.pdf>)

The terms of the admission to the postgraduate study is defined (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Pravyla-pryjomu-do-aspirantury-i-doktorantury-HNEU-im.-S.-Kuznetsya-u-2018-rotsi-zi-zminamy.pdf>)

The term for postgraduate studies for a PhD degree is 4 years and ends with the defense of a dissertation in a specialized academic council.

In the five-day term after enrolling in the post-graduate course of KhNUE, the applicant (post-graduate student) is obliged to submit to the department of post-graduate and doctoral studies of KhNUE the following documents:

consent to the processing of personal data;

a copy of the employment record (if any) certified at the last place of employment;

a working time schedule (according to a model that is placed on the official site in the section "Science", "Bulletin board") if the post-graduate student works.

Not less than 2 weeks from the day of enrollment, the postgraduate student is obliged to discuss and approve the topic of the dissertation at the chair of the department, according to which it is fixed at the time of preparation in the postgraduate study, after which it provides to the postgraduate and doctorate department of the KhNUE protocol from the session of the department and the completed form (the standard sample) justification of the topic of the dissertation. Subsequently (no later

than a month from the day of enrollment to the doctorate) the dissertation topic of the post-graduate student (at his or her presence) is discussed at the meeting of the relevant commission and approved (if necessary, with refinements) by the Academic Council of the KhNUE

Within a month from the day of enrollment, graduate students fill out an individual plan of work (plan indicators) of the graduate student in two copies and submit it to the Postgraduate and doctoral department.

The mutual obligations of the university and the doctorate who are studying on a state order or at the expense of individuals or legal entities are determined in the contract, which a postgraduate student (doctoral student) signs from the KhNUE.

The possibility for enrollment to doctoral program is provided to every student regardless of nationality, gender, social position, health status or other reasons.

The University has 7 hostels for students and staff. So all the doctoral students can be provided with the accommodation. All PhD students are able to use the necessary material and technical base of KhNUE, including the library (including World Bank resources and WEB of Science resources), electronic media, interactive media, website content of personal learning systems technology based on Moodle, use sports and fitness facilities.

KhNUE has facilities for disadvantaged people (lifts, ramps, etc.).

For international students the social and integration activities are held by the Youth organization of KhNUE and International Department. All the participants are able to take part in all activities and events of KhNUE (scientific, educational, sport, cultural, social, etc.).

All the international students are followed-up by special department - Deanery for foreign students (visa, legal, informative support, etc.).

From 2018 the additional lessons of Ukrainian language for all foreign students are envisaged.

The official site of KhNUE (<https://www.hneu.edu.ua>) is multilingual that helps foreign students to find the relevant information.

To provide effective training process the Learning Management System based on Moodle with all the methodical and training materials and video conferences are actively used. KhNUE has 5 studios of distance learning that corresponds to the modern format of training.

There are 9 centres of international cooperation in KhNUE, such as Austrian Centre, Ukrainian-Maroc Centre, Centre for Arabic Language Learning, Centre of Ukrainian-Bulgarian cooperation and partnership, Center of Ukrainian-Polish Academic Exchanges, French Club. It serves also as additional resource for promotion of the doctoral programmes for international students. Nowadays 19 international students from Japan, Nigeria, Mongolia, Gabon, Libya, Algeria are the PhD students of KhNUE ([Annex 7p](#)).

The possibility of the individual educational trajectory planning is provided for students. 25% of disciplines are elective. They can be chosen from the university pool of disciplines. In 1-3 study years, PhD students are able to study optional (extracurricular) disciplines approved by the supervisor (maximum 10 ECTS a semester).

All PhD students are provided with a reference guide, which reflects the University academic policy, rights and duties of PhD students, progress assessment methods and PhD students' appraisal ([Annex 12](#)).

Educational and methodical provision of scientific and educational activity is represented by:

- regulatory framework for training PhD students,
- free access to electronic institutional repository of KhNUE (e.g. to articles, abstracts of dissertations, collections of conferences materials, patents, tutorials, collections of scientific works of students, reports on scientific researches, monographs);
- access to the resources of KhNUE scientific and technical library with access to Scopus and Web of Science base.

AREA 3: SUPERVISION AND TRAINING FOR DOCTORAL STUDENTS

Standard 3-1: The doctorate applies a strict doctoral student supervision and follow-up policy.

All the requirements to the supervisors are available at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Vymohy-do-naukovykh-kerivnykiv.pdf> The quality of the teaching staff at KhNUE is regulated by transparent procedures for selection, appointment to the post and firing, for qualification requirements and requirements for professional competence, and advanced training system. Procedures for the recruitment of staff are fair and transparent. Admission criteria for the recruitment of staff are equivalent to those anticipated for any other student applying for a higher education programme.

Mentors/supervisors of applicants seeking a Doctor of Philosophy' degree and a Doctor of Sciences' degree can be members of KhNUE teaching staff who meet the selection criteria of the above mentioned University. The selection criteria applicable to PhD and D.Sc. teaching staff of KhNUE are in line with the recruitment requirements specified in [Annex 16b](#) to the bylaw of CMU, December 30, 2015, № 1187 "On Licensing Conditions of Implementation of Educational Activity of Education Institutions."

Supervision is normally provided by academics, research-active in the area of the candidate's research. Thesis supervisors/directors must have an academic degree. The selection criteria developed by KhNUE for supervisors define a minimum number of publications as well as other requirements to get competences for supervising thesis. KhNUE have no minimum number of theses each of them can supervise, but PhD supervisors have the right to supervise the doctoral students no more than in two specialties.

Currently, 43 Doctors of Sciences and 66 PhDs have the right to conduct postgraduate scientific supervision at KhNUE.

On average, one scientific supervisor (among those who actually manages the writing of a dissertation) advises 1-2 postgraduates.

It is obligatory for all teachers to enhance their professional and pedagogical skills by re-training (qualification improvement) every 5 years.

Nowadays it is only the contract between a PhD student and a HEI, where all the rights and liabilities are set. We think, it is necessary to involve the supervisor as a party of a three-side contract between a PhD student, a supervisor and a HEI.

The general rights and duties of doctoral students are prescribed in the Rules of admission to the postgraduate and doctoral studies at Simon Kuznets Kharkiv National Economic University in 2018 (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Pravyla-pryjomu-do-aspirantury-i-doktorantury-HNEU-im.-S.-Kuznetsya-u-2018-rotsi-zi-zminamy.pdf>). The obligation for PhD student to adherence to academic integrity is prescribed at the general contract between a PhD student and KhNUE.

PhD student's studies are monitored by the responsible departments of KhNUE every half a year. The PhD students report on their individual plan fulfillment.

At the end of the 4th year PhD students report about their thesis accomplishment and the stage of readiness for their defense. The PhD degree is awarded to candidates



who submit and successfully defend thesis.

The assessment of applicants' progress in KhNUE is transparent and impartial. The procedure for assessing the success of the candidates of KhNUE is clearly defined in the Provisional Regulations "On the Procedure for Assessing the Learning Outcomes Based on the Accumulated Rating System" (approved by the order of the rector on August 30, 2013 /No. 1) published in print and on the official website of the University (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Tymchasove-polozhennya-Pro-poryadok-otsinyuvannya-rezultativ-navchannya-studentiv.pdf>). All exams are held in the written form, regulated by the Regulations on conducting written examinations at the Simon Kuznets Kharkiv National University of Economics (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/POLOZHENNYA-pro-provedennya-pys-movyh-ekzameniv-u-HNEU.pdf>), and verified anonymously by the members of subject committee. The criteria for evaluation are brought to the attention of the applicants in advance, and the consultation before the exam is conducted. The appeal procedure is clearly defined in the Regulation on the organization of the educational process in the credit-module system of specialists training in KhNUE (approved by KhNUE Academic Council, 21.12.2015), published in print and on the official site of the university (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Tymchasove-polozhennya-pro-orhanizatsiyu-osvitnoho-protsesu-v-HNEU.pdf>). The Doctorate determines the conditions on retaking exams of PhD students, including the number of exam passage attempts.

The procedure of state certification of graduates of KhNUE and their qualification at all levels are set out in the Regulation on the certification of graduates of Simon Kuznets Kharkiv National University of Economics (approved by KhNUE Academic Council, 21.12.2015) and published on KhNUE official website (Available in Ukrainian at: <https://www.hneu.edu.ua/wp-content/uploads/2018/11/Polozhennya-pro-atestatsiyu-vypusknykiv-HNEU.pdf>).

KhNUE regularly verifies the uniqueness of all university graduates' yearly essays and project works (including PhD thesis copies submitted to KhNUE specialized academic councils), scientific papers (collected scientific articles, monographs) published teaching and methodological support (textbooks, educational supplies, teaching aids to conduct different studies), etc.

Verification aims to prevent plagiarism, to improve educational, methodological and scientific issues, favors to activate independence and individualization of scientific and pedagogic employees' works. It stimulates honest competition, which is directed to forming the respect for intellectual property and conscientious academic ethics compliance. To follow academic moral principals at KhNUE means that in the process of training or research work teachers and scientists use principals of honest work first of all. Plagiarisms, unlawful writing off, borrow ideas and writing under an assumed name is not recognized at KhNUE. Since 2014 unified electronic vault of bachelors', specialists and masters diploma papers (project works) have been carried out. Its aim is to provide the possibility of all papers preliminary (before the defense) plagiarism control. The electronic vault is every year replenished. There are 6 140 diploma papers (project works), 186 abstracts of dissertations, 423 patents by 16.12.2018. Electronic vault of textbooks, educational and teaching aids, monographs becomes 12 333 files at the end of 2018.

To prevent conflict situations and graduates displeasure staff psychologist works in KhNUE, who will listen to the graduate and give appropriate advice.

In case of being displeased or conflict situation arisen, a graduate can turn

to postgraduate and doctoral studies department and vice-chancellor (pro-rector) on scientific and education work at any time. They will gather conflict committee consisting of key specialists who will consider the arisen conflict situation.

University management is always open to constructive dialogue and comes to the conflict decision.

Standard 3-2: The doctorate offers diverse teaching and organizes supplementary events.

The student-centred learning at KhNUE is aimed to attracting students to the educational process for motivation, self-examination, personal and professional self-development.

Individualization and personalization of students' learning is provided by the system of organization of the educational process with the free choice of the variable component according to the Methodical approaches to the formation of the variable component of educational programs in Simon Kuznets Kharkiv National University of Economics (Available in Ukrainian at: http://www.hneu.edu.ua/web/public/moved/hneu/About_university/Dokumenty/2016/Metodychni-pidhody-do-formuvannya-variatsiyvnoyi-skladovoyi-osvitnih-prohram-1.pdf). PhD cycle curriculum includes 4 electives (20 ECTS credits).

In KhNUE the different forms and types of educational activity (e.g. training classes (lectures, seminars, workshops and seminars with invited guests, trainings, master classes, individual tasks, individual work, professional internship for PhD students, etc.) and the research activity of applicants (participation in joint/group research, conferences, symposia, exhibitions, competitions, scientific seminars, publications) are used.

To protect and comprehensively develop the interests of students (including graduate students) the several units as the Youth Organization, the Student Trade Union, the Debate Club and the Society of Students, Postgraduates and Doctoral Students operate in KhNUE.

As a participant of the Erasmus+ project "Structuring cooperation in postgraduate studies, teaching universal skills and academic writing at the regional level of Ukraine" (DocHub) KhNUE participates in the development of a model and the implementation of a regional training center for PhD students - educational clusters which will have material and methodological support for quality teaching and learning, responsible scientific guidance.

It promotes the formation of innovative structures that will provide interdisciplinary training and the development of universal competencies of PhD students, their geographical and interdisciplinary mobility, as well as international cooperation within the framework of collaboration between universities and other partners.

KhNUE PhD students are able to use the courses and resources developed within the DocHub project placed on the Moodle platform (<https://drive.google.com/drive/folders/1C2vroa8VG9KwZWxxpfm1LU3e40YGS6Gt?usp=sharing>).

The doctoral students can get the advice on intellectual property from the relevant specialist of Research department.

Twice a year the department of postgraduate and doctoral programs conducts an anonymous survey of the level of satisfaction/dissatisfaction of applicants with

the quality of educational process and scientific activity. In particular, pedagogical methods and methods of delivery are assessed by online questionnaires. The example of the survey is given in [Annex 14](#).

University assesses the success rates at the doctorate with criteria that public on the Aspirantura website by internal examiners.

All the doctoral students are involved and actively take part in scientific and professional events in KhNUE, as well as participation in the Annual International Scientific Conference on Economic Development and Legacy of Simon Kuznets (usually held on June), other conferences held in KhNUE.

One of the PhD student D. Nagaivska participates in the Horizon 2020 EQUAL-IST «Gender Equality Plans for Information Sciences and Technology Research Institutions».

All info on events is posted on the university's website and sent to postgraduate students through corporate e-mail. It is obligatory for the doctoral students of KhNUE to have corporate e-mail and to use it as work communicative tool.

AREA 4: INTEGRATION OF DOCTORS INTO THE JOB MARKET

Standard 4-1: The doctorate includes mechanisms to promote the integration of doctors into the job market.

According to the conditions of individual agreement between graduates and KhNUE all full-time tuition graduates (PhD students) must obtain positions in HEIs. These agreement conditions provide full job placement of KhNUE Postgraduate and Doctoral students, who completed the whole training period and submitted their works for consideration.

Almost all full-time tuition graduates remain working at KhNUE (the average 95,4% for the last 5 years) taking positions of department teachers (78,3%), junior and senior research workers (10,4%) and functional departments' workers (6,7%). The majority of KhNUE Postgraduate and Doctoral Studies (teachers, research workers and part of functional departments' workers occupy positions in their theses subject area. Statistics on PhD student success and integration into the job market is presented in [Annex 8](#).

Interactions with the economic entities take place in the forms of workshops with invited guests; company visits; seminars with invited guests; yearly fairs of further professional opportunities; conferences; social events, etc.

On December 2018 KhNUE starts the project Kuznets Business Challenge which is open business case study championship in Kharkiv. Within the framework of the championship, students (including doctoral students) participated in solving practical business problems and gain practical experience. This championship allows students and teachers (who can be consultants of teams) to test their theoretical title in practice by proposing their decisions and inventions to business representatives, and to hear the opinions of business representatives about the proposed solutions. Among the companies that offered their cases for the Kuznets Business Challenge are domestic and international companies that are business leaders in the Kharkiv region: Philip Morris Ukraine, SUN InBev Ukraine, SEC French Boulevard, IT company Art Lemon. It also gives the access to educational lectures from professionals and the opportunity to get a job-offer.

The university was elected to hold the EU Career Day, on the initiative of the EU Delegation in Ukraine. PhD students participated in the event.

Due to the participation in Erasmus + project "Development of a network infrastructure for youth innovation entrepreneurship support on FabLab platforms" ("FabLab") (<http://fablab-erasmus.eu>) the Open co-working Space for innovative entrepreneurship and prototyping - Fablab was opened in KhNUE.

From 2015 KhNUE actively participates in Startup Europe Week, provider of local/global entrepreneurship opportunities, which is an initiative implemented and promoted by the European Commission and Startup Europe. Its aim is to showcase what are the opportunities for startups provided in each region at local level and gives the opportunity for students (including doctoral students) and stakeholders to meet together.

While cooperation between higher education institutions and employers is not formally regulated in KhNUE. It organizes internship for students to gain experience



through professional practice assignment together with a consulting project and an internship placement, both of which are conducted with private or public companies. Transferable skills training is a vital part of the internship program.

Standard 4-2: The doctorate has effective monitoring of the integration of doctors into the job market.

KhNUE operates a corporate system that contains information on all types of activities (information about the contingent of applicants, the schedule and plans of educational processes, current and final progress, financial and economic indicators, etc.). HEI collects analyses and uses relevant information for the management of Cycle 3. The availability of such operational information and the ability to analyze it ensures the adoption of effective management decisions.

In order to maintain the relevance of educational and scientific programs (within the framework of the current legislation) KhNUE is constantly reviewed them in response to changes in the priorities and needs of applicants and employers. All the Cycle 3 programs are well-monitored. The Cycle 3 programs are reviewed and modified by the demands of stakeholders. PhD students can make their own evaluation of skills acquired throughout their thesis by the descriptors of competences. The questionnaire PhD students is in online form, available at: <https://docs.google.com/forms/d/1zkdsb4rps6WxX1ZDAIEbES3xCW6ay8xwcScA7rN6Dag/edit?usp=sharing> ([Annex 14](#)). The results of the survey of the level of satisfaction / dissatisfaction of doctoral students with the quality of educational process and scientific activity (for the doctoral programme "Economics") is presented in [Annex 15](#).

Graduates of the PhD program "Economics" successfully work in the field of business, education, science, in the public and private sectors ([Annex 8](#)). Examples of successful career of graduates in business: Alexey Dorovskoy (graduated in 2005) - PhD, Associate Professor, deputy general director of the state enterprise "Plant named after V.O. Malyshev" (public sector), Kseniya Kotlyarevskaya (graduated in 2018) - Compliance & Payroll Team Lead, SuninBev (Ukraine), ABinBev (international company), Vyacheslav Khvostenko (graduated in 2012)- PhD, associate professor, TOV AKILOG, director (private sector), Andriy Kolos (graduated in 2002) - PhD, Director of the Department of Economics and International Relations of the Kharkiv Regional State Administration (state body).

Most graduates (about 80 %) work in higher education ([Annex 8b,c](#)). Thus, is KhNUE work Andrey Semenchenko (graduated in 2010) - PhD, Associate Professor of Economics and Social Sciences Department, Svetlana Mishina (graduated in 2004) - PhD, Associate Professor of Economics and Social Sciences department, Us Marina (graduated in 2015) - PhD, Associate Professor of Economics and Marketing Department, Alexander Popov (graduated in 2004) - PhD, Associate Professor of Marketing department of National Aerospace University "KhAI" named by D. Zhukovsky, Vasil Baytsim (graduated in 2002), PhD, professor - Vice-Rector of the Volinsky Institute of Economics and Management, and others.

KhNUE Young scientists' council and Association of students, graduates and doctoral candidates take an active part in supporting initiatives directed to young researchers strengthening and setting up linkage between young and old generation of researchers providing continuity of research activity.

Standard 4-3: The data collected is analyzed, communicated and used.

The Academic Council annually approves the plan for the monitoring and self-assessment of PhD Programmes in order to check the effectiveness of Programme management by comparing the established objectives with the obtained results as well as to identify the reasons for any unsatisfactory results and plan the relevant improvements.

The planning of the monitoring activities includes:

the number of academic hours;

proposed methodologies, explanatory notes and guidelines for using the support tools provided by the University.

The University also makes documentary support available, which can be used to monitor and analyse the components of the PhD programmes (e.g. the opinions of students and graduates, the number of students enrolled/registered, the number of credits obtained by students in a given period, the number of students who graduate on time, the employment status of graduates).

PhD student's postgraduate studies are monitored and considered in a special case by responsible departments of KhNUE.

Besides the supervisor, PhD student studies in the form of a individual plan report are monitored by the relevant department. Doctoral studies are monitored every year by doctoral candidate reports on the individual plan execution at KhNUE Academic council.

The Postgraduate and doctoral studies department of KhNUE organizes PhD students training and controls educational and research program execution (it has 2 components: educational and research) according to the relevant specialty and individual plan (terms and results of examination and test period, scheduled research work, assessment, in-depth training, defence, etc) and job placement during postgraduate studies.

Doctoral students have individual schedule accessible online including disciplines of free choice (<http://services.hneu.edu.ua:8081/schedule/selection.jsf>)

The results of the survey of graduate students on the quality of the educational component of the preparation of graduate students in postgraduate university are sent to teachers responsible for the discipline and are discussed at a meeting of the working group for the specialty. It is used to review the programme and enhance its quality.

The following documents regulate the preparation of graduate students in graduate school of the university during the academic year:

a. before the beginning of the semester (academic year):

drawing up and approving by the academic council of the university (commissioned by the order of the rector) curricula for preparing applicants for each of the educational and scientific programs;

drawing up and approving by the university academic council (commissioned by the order of the rector) working curricula for preparing applicants for each course for the current academic year;

drawing up and approving by the academic council of the university (commissioned by the order of the rector) schedule of the educational process of graduate students of each course and for each of the specialties for the current academic year;

compilation and approval by the university rector of the postgraduate study schedule;

drawing up and approval at the department of technological maps for each of the academic disciplines;

each graduate student filling in the planned indicators of the individual work plan.

b. during the semester:

keeping a register of the work of a group of graduate students in each of the specialties;

the order on the appointment of certification of graduate students (reporting on the implementation of the individual work plan of a graduate student) at the department;

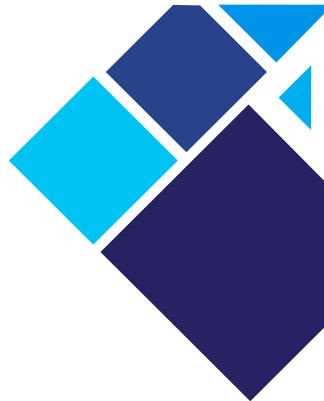
c. at the end of the semester:

passing of individual works on professional academic disciplines;

according to the results of graduate students passing examinations and tests filling (estimated) academic and examination records for academic disciplines;

each graduate student filling in actual indicators of an individual work plan;

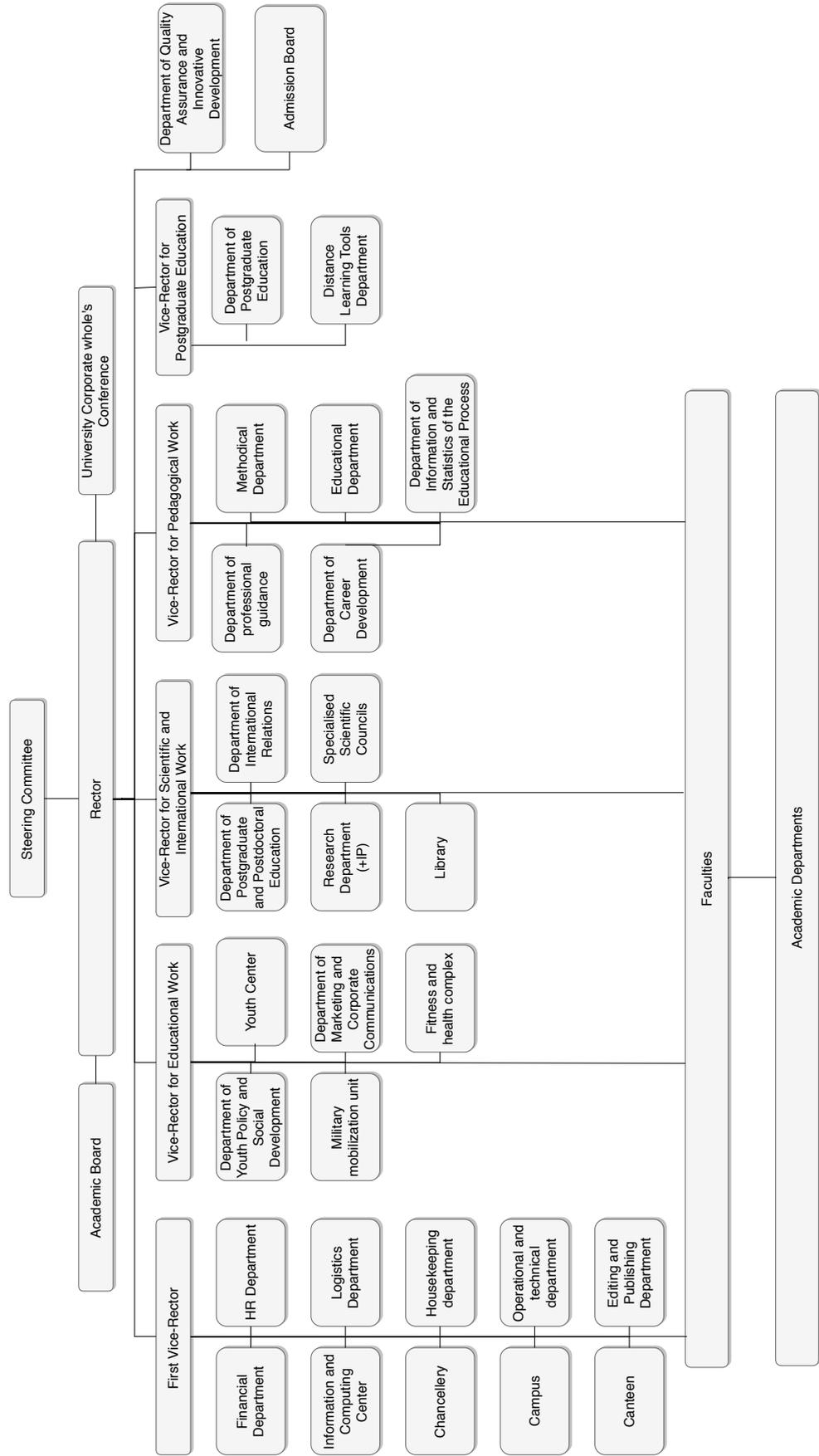
the formation of extracts from the protocols of the departments on the results of certification of graduate students (reporting on the implementation of the individual work plan of the graduate student).



ANNEXES



Annex 1. Organizational chart of the KhNUE



Annex 2. Strategic plan cascaded in 2 dimensions: training & research

Indicators of Strategic Plan of Development of Kharkiv National Economic University for 2013-2020 [1]

1. Which describes the educational process of training in post-graduate and doctoral studies and its outcomes

Priorities by implementing Task 4	Indicators that describe development of resource potential (RP)	Responsible executives	Result that planned			
			2013	2014	2017	2020
1	2	3	4	5	6	7
1. Development of scientific potential. Training and advanced training of academic staff	RP1.1. Number of specialties, which held defense of PhD theses in specialized scientific councils		4	8	9	10
	RP1.2. Number of specialties, which held defense of Doctor of Science theses in specialized scientific councils		2	3	4	5
	RP1.3. Number of persons enrolled in doctoral programs considering new specialized scientific councils, new scientific		38*	by licensed amount	by licensed amount	by licensed amount
	RP1.4. Number of PhD theses that defended by graduates of doctoral programs, full-time academic staff		25*	30	35	40
	RP1.5. Number of persons enrolled in doctoral studies		1*	2	4	5
	RP1.6. Number of Doctoral theses that defended by graduates of doctoral programs, full-time academic staff	Department of personnel, academic departments	1*	2	3	3
	RP1.7. Number of young scientists - participants in competition "Scientific and pedagogical start"	Council of Young Scientists, Trade Union	35	35	35	40

1	2	3	4	5	6	7
	RP1.8. Number of young scientists - winners in "Scientific and Pedagogical	Council of Young Scientists,	12	12	12	12
3. Development of personnel potential	RP3.5. Number of departments that are headed by persons with Doctor of Sciences degree or with professor's rank and working full-time	Department of personnel, academic departments	26*	28	32	34
	RP3.6 Number of responsible for graduates departments, headed by persons with Doctor of Sciences degree or with professor's and working full-time	Department of personnel, academic departments	19*	20	20	20
	RP3.8. Number of academic staff with Doctor of Sciences degree	Department of personnel,	32*	36	40	45
	RP3.9. Number of full-time academic staff with Doctor of Sciences degree	Department of personnel,	29*	32	35	40
	RP3.10. Number of academic staff with PhD degree	Department of personnel, academic	376*	390	405	420
	RP3.11. Number of full-time academic staff with PhD degree	Department of personnel,	326*	340	360	375
4. Material and technical support of educational process	RP4.1. Percentage of provision of educational process of training areas		100*	100	100	100
	RP4.2. Number of newly entered classrooms		4	2	5	25
	RP4.3. Percentage of lecture classrooms equipped with multimedia technologies		15	20	30	50
	RP4.7. Educational process equipped with computers		1 420	1 450	1 500	1 600
	RP4.8. Number of computer workplaces in KhNUE Computer Centers with Internet access	IT Center	402	415	465	500

1	2	3	4	5	6	7
4. Material and technical support of educational process	RP4.9. Number of Wi-Fi access points	IT Center	108	108	120	130
	RP4.10. Number of channels (access points) to inter-university corporate library network	IT Center, Library	110	110	110	110
	RP4.12. Available seats in reading rooms		460	460	500	500
	RP4.14. Number of places in KhNUE dormitories		2 764	2 764	2 764	3 264
	RP4.15. Percentage of non-resident students provided with a place in KhNUE dormitories		100	100	100	100
4. Development of international educational	IP4.3. Number of joint international programs for Bachelors, Masters and PhD students	International Department	7	8	8	10
	IP4.6. Number of students and PhD students sent for teaching and practical training within their specialty or internship to foreign companies, organizations and institutions	International Department	69*	80	90	100
3. Implementation of competence-oriented learning. Modernization of educational process	EQ3.1. Clarifying the list and content of competencies of specialists taking into account the national framework of qualifications and requirements from employers	Departments, faculties	Continuously	Continuously	Continuously	Continuously
	EQ3.2. Updating content of educational disciplines, taking into account the list and contents of the general and professional competencies that forming(% of content of the discipline)	Departments	30	30	30	30
	EQ3.3. Involvement of foreign and domestic scientists and high-level practitioners into educational process	Departments, faculties	Continuously	Continuously	Continuously	Continuously

1	2	3	4	5	6	7
6. Quality of educational outcomes with honors and awards for students and PhD students	EQ6.5. Number of postgraduate students who receive scholarship from President of Ukraine	Faculties	-	1	1	2
	EQ6.10. Number of postgraduate students who receive scholarship from Cabinet of Ministers of Ukraine	Faculties	1	1	1	1
8. Continuous education	EQ8.7. Number of current year's graduates (specialists and full-time masters) who continue their education in doctorate	Department of post-graduate and doctoral studies	25*	25	30	30

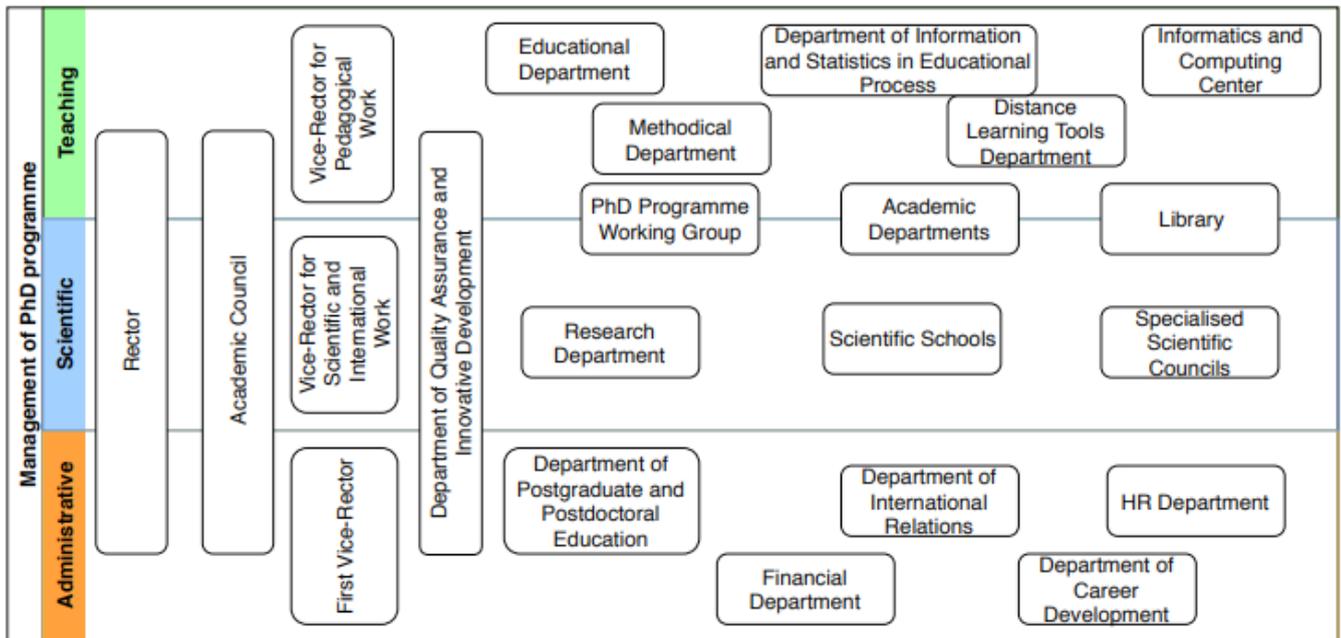
2. Which describes the research activity

Priorities by implementing Task 1	Indicators that demonstrate how University Positioning and its image forming (IP)	Executives in Charge	Result that planned			
			2013	2014	2017	2020
1	2	3	4	5	6	7
2. Development of research activity that University academic staff provide	IP2.1. Number of scientific schools	Head of scientific school	8	8	9	10
	IP2.2. Amount of budget funding for research activity per year (thousand UAH)	Research department	1 020,9	1 270	1 320	1 400
	IP2.3 Amount of domestic and foreign private funding for research activity per year (thousand UAH)	Research department	400	800	850	900
	IP2.4. Implementation of results of scientific, scientific and technical works in activity of organizations and institutions (during academic year)	Research department	25	35	40	50
	IP2.5. Implementation of results of scientific, scientific and technical works in in practice of educational institutions and organizations (during academic year)	Research department	7	10	15	25
	IP2.6. Filed applications for protection documents by academic staff and researchers during year	Research department, Academic Departments	3	10	15	20
	IP2.7. Protection documents that academic staff and researchers received during year	Research department, Academic departments	1	3	10	15

1	2	3	4	5	6	7
3. Competitive advantages in sciences, highlighting the results of research activities in domestic and world educational area	IP3.1. Number of academic staff articles indexed in Scopus	Research department, Academic departments	8	10	30	40
	IP3.2. Number of research papers published in prestigious and recognized foreign journals publications by regular academic staff, PhD students, doctoral students of HEI during year	Research department, Academic departments	166*	180	200	250
	IP3.3. Number of publications (articles, proceedings) indexed in international scientific-metric databases during year (at least 50 publications per year)	Research department, Academic departments	Data not	200	300	350
	IP3.4. Number of published monographs	Research department, Academic departments	58*	60	62	65
	IP3.5. Number of international scientific and practical conferences on issues of higher education and science, of relevant industries and other areas that held at University during academic year	Research department	9	9	10	12
	IP3.6. Number of all-Ukrainian scientific and practical conferences on issues of higher education and science, of relevant industries and other areas that held at University during academic year	Research department	5	6	7	8
4. Development of international educational	IP4.3. Number of international grants, scientific, educational projects and programs	International Department	19*	20	25	30
	IP4.5. Number of foreign business trips in that academic staff take part for research, teaching and training purposes	International Department	20*	25	30	35
5. Development of student self-government	IC2.3. Number of conferences that Council of Young Scientists organize and conduct on KhNUE basis	Council of Young Scientists	6	6	6	6

[1] The Strategic Plan of Development of Kharkiv National Economic University for 2013-2020. Available in Ukrainian at: http://www.hneu.edu.ua/web/public/moved/hneu/About_university/Strategic-Plan-HNEU-2013-2020-years.pdf

Annex 3. Governance chart of the doctorate



Annex 4. Doctorate charter /regulations

INTRODUCED:

Rector

SIMON KUZNETS KHARKIV
NATIONAL UNIVERSITY OF
ECONOMICS

_____ / V.S. Ponomarenko /

Regulations on the postgraduate and doctoral department of Simon Kuznets Kharkiv National University of Economics

Kharkiv, 2016

Terms

In the postgraduate and doctoral studies of the Simon Kuznets Kharkiv National University of Economics (hereinafter - the University) is a structural unit of the university, carries out its activities for the purpose of organizing and controlling the training of scientific-pedagogical and scientific personnel of high qualification in post-graduate (and post-graduate) and doctoral studies at the University.

Full name of department in English - Postgraduate and doctoral department.

The purpose of the development and implementation of the Regulations on the postgraduate and doctoral department of the University (hereinafter - the Regulations) is to determine the main tasks and functions, the order of organization of work, the definition of the structure and procedure for interaction with other units of the University, the rights and responsibilities of the postgraduate and doctoral department.

The Postgraduate and doctoral department is located and operates on the material and technical base of the University.

The Regulations are placed on the official website of the University.

These Regulations are developed in accordance with the current legislation of Ukraine and the internal normative documents regulating the activities of the University, namely:

- Law of Ukraine "On Higher education " from 01.07.2014, № 1556-VII;
- Code in labor law of Ukraine dated December 10, 1971, № 322-VIII;
- Law of Ukraine " On vacations " dated November 15, 1996, № 504/96-BP;
- Procedure of preparation of applicants for higher education degree of the doctor of philosophy and doctor of sciences in higher educational establishments (scientific institutions), approved by the Resolution of the Cabinet of Ministers of Ukraine dated March 23, 2016, №. 261;
- Decisions a Cabinet of Ministers "On Approval of the Regulations on the Training of Scientific-Pedagogical and Scientific Personnel" in March 1, 1999, № 309.
- Charter of the Simon Kuznets Kharkiv National University of Economic;
- The provision "On the organization of the educational process at the Simon Kuznets Kharkiv National University of Economics " was introduced by the order of the rector of December 31, 2016, № 251;
- Rules of internal labor regulations for employees of Simon Kuznets Kharkiv National University of Economics approved conference of the labor collective of 02/24/2014 Protocol №. 19;
- Regulations on the schedule training sessions at Simon Kuznets Kharkiv National University of Economics, approved by the decision of the Academic Council dated March 6, 2017, Protocol №. 6;
- Other documents regulating the process of preparation of Doctors of philosophy (PhD) and Doctor of Science (DSc) degrees at the third (educational-scientific) and scientific levels of higher education respectively in Ukraine and the University.

Tasks and functions of the department

2.1. The main tasks of the Postgraduate and doctoral department are:

- the organization of the training of PhD students who correspond to the ninth qualification level of the National Qualifications Framework of Ukraine, at the third (educational-scientific) level of higher education at the University (in graduate school and postgraduate study);
- organizing training applicants PhD degree responsible to the fifth level of the National Qualifications Framework Ukraine, the scientific level of higher education at the University;
- the coordination, accounting and control of the process of preparation of applicants for the third (educational-scientific) (post-graduate and postgraduate) and scientific levels of higher education at the University;
- the development (on the basis of project guards (executives) of educational-scientific programs and curricula) of working curricula;
- the compilation and publication of the postgraduate study process schedule for the academic year;
- the compilation and publication of the schedule of postgraduate training courses for each semester;
- the coordination, control and generalization of information on conducting intermediate and final attestation (reporting on the state of implementation of individual plans) of applicants at the third (educational-scientific) and scientific levels of higher education at the University;
- the organization of entrance examinations to the postgraduate study on a competitive basis provided by the University of Ministry of Education and Science of Ukraine on places at the expense of state financing and at the expense of individuals and legal entities within the limits of the licensed volume;
- the introduction of information on the training of applicants who prepare for the third (educational-scientific) or scientific levels of higher education at the University and to the Unified Electronic Reference Framework for Education (UNESCO);
- the organization and documentary support (registration of protocols, issuance of certificates); preparation of candidate examinations;
- the provision of the process of preparation of applicants at the third (educational-scientific) level of higher education at the University for the forms of relevant documentation (information, protocols, accounting journals, etc.) and keeping records and controlling their filling by the responsible persons;
- the development of the form and providing applicants with printed copies of the individual plans of the postgraduate (doctoral student), control over the conduct of the individual work plans;
- the maintenance of official information related to the activities of the department (service notes, orders, official correspondence, personal affairs, etc.);
- the control and verification of the contents of licensed (accreditation) cases for compliance with the requirements of the current legislation of Ukraine;
- the control over the availability and quality of teaching and methodological provision of disciplines that are taught at the third (higher education) level of higher education at the University;

- the generalization of plans for the preparation of scientific and pedagogical staff of the University through post-graduate and doctoral studies, timely submission of relevant information to the Ministry of Education and Science of Ukraine;

- the development and implementation of vocational guidance activities aimed at attracting admittance to postgraduate and doctoral studies at the University;

- the provision of the internal system of quality of educational activity in the part of preparation of applicants at the third (educational-scientific) and scientific levels of higher education at the University;

- the development of cooperation with leading domestic and foreign institutions of higher education and scientific institutions in order to improve the quality of preparation of applicants at the third (educational-scientific) and scientific levels of higher education at the University by introducing dual leadership processes by writing a dissertation, providing scholarships on academic mobility, supporting the participation of applicants in grants, etc.;

- the processing of information on the activities of the postgraduate and doctoral studies at the University, drawing up the relevant reports at the request of the management;

- Making suggestions for the approval of the Academic Council of the University regarding the preparation of applicants for the third (educational and scientific) (postgraduate and postgraduate) and scientific levels of higher education at the University: granting or depriving scientific and research staff of the University of the right to scientific guidance (counseling) by writing dissertation, approval of the topic of dissertation work of applicants, extension of terms of study in the postgraduate or doctoral program of the University, pre-term deduction from postgraduate study or doctoral studies, etc.

2.2. In the process of realizing the tasks of its activities, the Postgraduate and doctoral department performs the following functions:

- takes part in the work of the selection committee for postgraduate studies;

- carries out reception and check of correctness of execution of documents which are given to department as the basis for the beginning and changes in the retraction of applicants at the third (educational-scientific) and scientific levels of higher education at the University (statements, certificates, excerpts from statements or reports, etc.);

- carries out documentary maintenance of movement of the actual contingent of postgraduate students and doctoral students (orders on enrollment, transfer, granting of academic leave, deductions, etc.)

- organizes and supervises the educational process of the preparation of full-time and part-time students at the third (higher educational) level of higher education at the University;

- develops organizational and management documents on the organization, planning, coordination of the educational process of applicants at the third (educational-scientific) level of higher education at the University;

- coordinates the departments' work on ensuring the training of applicants at the third (educational-scientific) and scientific levels of higher education at the University;

- brings operational and planned information to the attention of the departments and other structural subdivisions of the University, guided by the directive documents;
- forms the postgraduate work curriculum for the academic year and submits it to the training department;
- compiles schedules of the postgraduate study process of full-time and part-time study forms for the academic year;
- compiles the schedule of postgraduate study courses and controls the work of the participants of the educational process according to the schedule;
- supervises the conduct and summarizes the results of intermediate and final certification of postgraduate students at the department;
- provides the applicants with forms of individual work plans and controls the correctness of their completion;
- provides the educational process of preparing applicants at the third (educational-scientific) level of higher education at the University for the required documentation forms, controls the completeness and correctness of their completion by the persons who are responsible, keeps records of such documentation;
- controls of compliance with licensing conditions, participants in the process of preparation of applicants at the third (educational-scientific) level of higher education at the University;
- controls over the availability and compliance with the licensing conditions of the teaching and methodological provision of disciplines, which are taught to applicants at the third (educational-scientific) level of higher education at the University;
- controls and accounting of work plans (technological cards) of educational disciplines, which are taught to applicants at the third (educational-scientific) level of higher education at the University;
- carries out the information content and maintains relevant sections of the official site of the University;
- keeps records of the actual available contingent of applicants who are trained at the third (educational-scientific) and scientific levels of higher education at the University (including foreign citizens);
- generalizes the information received from the guarantors (managers) of educational and scientific programs on the planned indicators of recruitment for postgraduate and doctoral studies and sends it to the Ministry of Education and Science of Ukraine;
- organizes and conducts meetings with postgraduate students in order to familiarize themselves with the procedure for preparation at the University and for solving current affairs;
- compiles reports on the activities of postgraduate and doctoral studies at the request of management or other structural units;
- controls and verifies the compliance with the licensing requirements of documents of licensing (accreditation) cases;
- submits the requested statistical data to the Ministry of Education and Science of Ukraine, the State Statistics Committee in the Kharkiv region and other state institutions on demand in due time;
- takes part in the work of the Academic Council of the University;

- conducts advertising and promotion work in order to attract entrants to the postgraduate and doctoral studies of the University.

The structure of the department

The structure and staffing of the Postgraduate and doctoral department staff and their official salaries are determined by the staff list of the University.

The management of the Postgraduate and doctoral department carries out the head of the Postgraduate and doctoral department, who is appointed by Rector of the University and is directly subordinate to the Deputy Director (Vice-Rector for Scientific and Pedagogical Work).

The division of responsibilities between the employees of the Postgraduate and doctoral department is carried out by the head of the department in accordance with the job descriptions for each and these Regulations.

Job descriptions of department staff are concluded by the Head of the department, they are agreed and approved in accordance with the established procedure.

Rights and responsibilities of department employees

The employees of the Postgraduate and doctoral department must:

- adhere to the requirements of the current legislation, the national and internal-university normative base, in particular the law of Ukraine "On the Principles of Prevention and Counteraction of Corruption", orders and orders of senior officials;

- carry out at an appropriate level the activities related to the implementation of the plan for training specialists of the higher qualification levels of the National Qualification Framework of the University and the effective work of postgraduate and doctoral studies;

- bring relevant information to the University units, in accordance with the policy documents,

- receive information from the University units on the training of specialists of the higher qualification levels of the National Qualification Framework.

The employees of the Postgraduate and doctoral department have the right to:

- receive information, certificates and other documents from the University staff about the implementation of the dissertation;

- participate in the work of the Academic Council of the University and submit to it the proposals on the activities on the training of specialists of the highest qualification levels of the National Qualification Framework;

- provide suggestions on the encouragement of scientific supervisors (consultants) of postgraduate and doctoral students' dissertations.

- provide management with suggestions on how to improve the performance and increase the performance of the unit.

Responsibility

The Postgraduate and doctoral department as a structural unit is collectively responsible for the untimely and inappropriate execution of the tasks and functions assigned to it in accordance with this Regulation.

Underdevelopment of the requirements of the current legislation of Ukraine and internal normative documents of the University in carrying out the functions entrusted to the postgraduate study.

Employees of the structural unit – the Postgraduate and doctoral department are responsible for the execution of tasks and functions in accordance with job descriptions.

Relationships and relations with other structural divisions

With regard to the involvement of the teaching staff in the process of training specialists of the highest qualification levels of the National Qualification Framework, the Postgraduate and doctoral department interacts with the training department and the departments of the University.

The selection of prospective candidates for postgraduate and doctoral studies is provided by a graduate school in conjunction with the dean's offices and departments.

For participation in the process of licensing and accreditation programs the Postgraduate and doctoral department cooperates with Methodical department.

With regard to the accounting of the existing contingent of postgraduate students and doctoral students, scholarship and graduate posting, the Postgraduate and doctoral department interacts with the accounting department and the accounting department.

On the issues of employment of the existing contingent of postgraduates and doctoral students, the Postgraduate and doctoral department interacts with the personnel department.

On the issues of ensuring the academic mobility of postgraduates, the Postgraduate and doctoral department interacts with the international department.

On the issues of ensuring the quality of education at the third (educational-scientific) level of higher education at the University, the Postgraduate and doctoral department interacts with the Department of Education Quality Assurance.

Final provisions

The Regulations shall come into force the next day after its entry into force by order of the rector, unless otherwise provided by the same order.

The department is reorganized or liquidated by a decision of the Academic Council of the University, which is adopted upon the submission of the rector of the University, which is determined by the introduction of this issue on the agenda of the Academic Council. In the same order, amendments and additions to the Regulations may be made, its new version shall be approved, or the action of the Regulation shall be revoked.

Changes and additions to the Regulations, including by means of the conclusion of a new edition, may also be approved by the order of the rector without consideration by the academic council.

Annex 5. List of research units involved in the doctorate activities

Research department of KhNUE (<https://www.hneu.edu.ua/naukovo-doslidnyj-sektor/>).

Research Center for Industrial Development Problems of the National Academy of Sciences of Ukraine (<https://ndc-ipr.org>).

[Scientific schools of KhNUE](#).

[Library of KhNUE](#)

Institute for Economics and Forecasting NASU (<http://www1.nas.gov.ua/en/Structure/de/iepr/Pages/default.aspx>) -

National University Of Kyiv-Mohyla Academy (<https://www.ukma.edu.ua>)

Annex 6. Scientific Schools in Simon Kuznets Kharkiv National University of Economics

Simon Kuznets Kharkiv National University Of Economics Scientific Schools

Name of scientific schools	Headed by
Enterprise strategic management systems elaboration	Volodymyr PONOMARENKO Rector of Simon Kuznets Kharkiv National University of Economics DSc (Economics), Professor
Problems of socio-economic development of regions	Mykola KYZYM Acting Head of Research Laboratory for Socio-Economic Problems of Society DSc (Economics), Professor
Economic problems of fixed assets renewal and the innovative development of enterprises	Petro ORLOV Head of Economics and Marketing Department DSc (Economics), Professor
Development of analysis systems and early prevention of destabilizing of economic systems performance	Tamara KLEBANOVA Professor of Economic Cybernetics Department DSc (Economics), Professor
Scientific foundations of business entities taxation	Yurii IVANOV Professor of Customs and Taxation Department DSc (Economics), Professor
Organization of production and entrepreneurial activity	Olena Iastremska Head of Department of Management, Logistics and Economics DSc (Economics), Professor
Models and IT in development management	Oleksandr PUSHKAR Head of Computer Systems and Technologies Department DSc (Economics), Professor

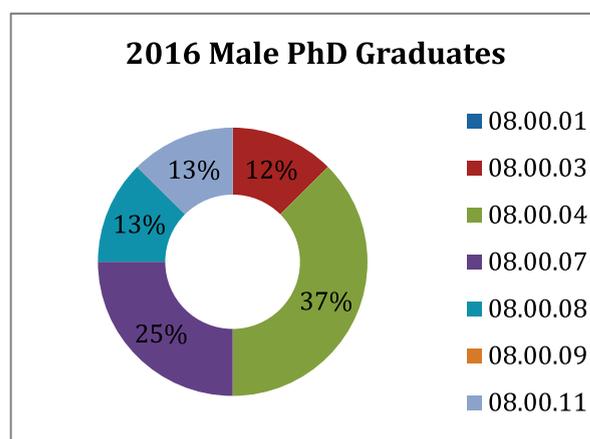
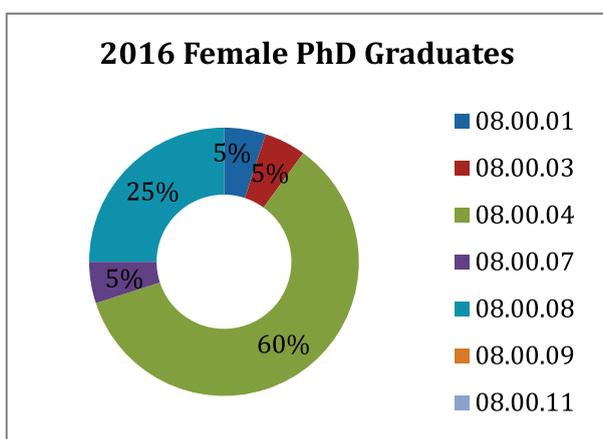
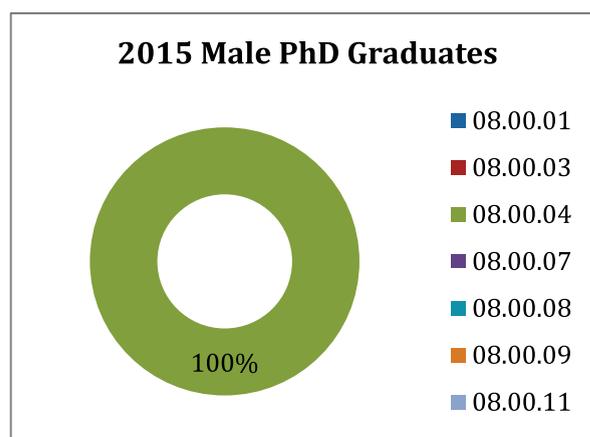
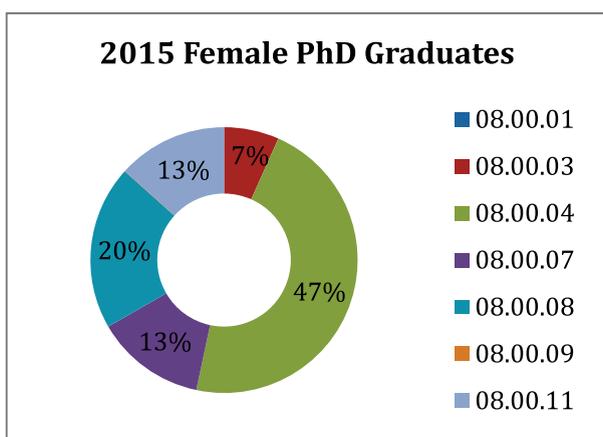
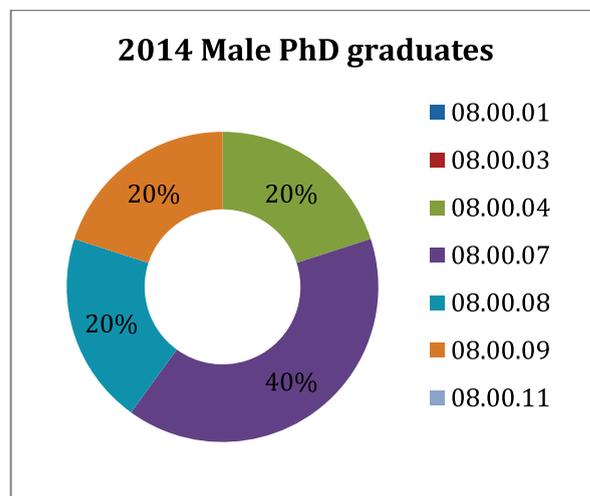
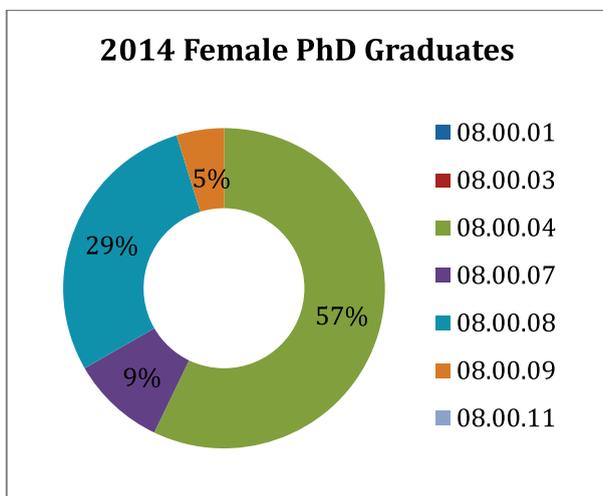
Annex 7. Statistics on student numbers over the last 4 years

Annex 7a. Distribution of degrees of Doctor of Philosophy and Doctor of Science in Economic Sciences in KhNUE for the period of 2014-2018

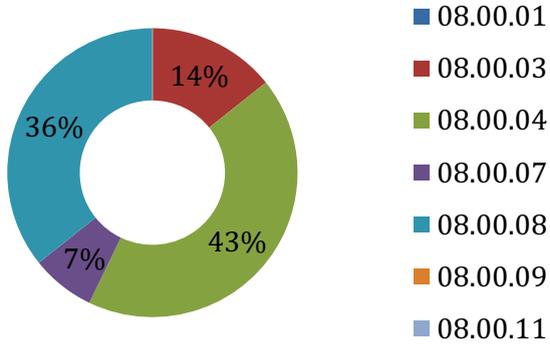
Specialties in Field of Study "Economic Sciences"	Number of degrees awarded to male postgraduate and doctoral students					Number of degrees awarded to female postgraduate and doctoral students				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
08.00.01 – Economic Theory and History of Economic Thought										
Candidate of Science (Doctor of Philosophy)	-	-	-	-	-	-	-	1	-	-
08.00.03 – Economics and National Economy Management										
Candidate of Science (Doctor of Philosophy)	-	-	1	1	-	-	1	1	2	2
Doctor of Science	-	-	-	-	-	-	-	-	-	-
08.00.04 – Economics and Management of Enterprises (by types of economic activity)										
Candidate of Science (Doctor of Philosophy)	1	6	3	1	2	12	7	12	6	8
Doctor of Science	-	-	-	-	-	-	2	1	-	-
08.00.07 – Demography, Labor Economics, Social Economics and Politics										
Candidate of Science (Doctor of Philosophy)	2	-	2	-	-	2	2	1	1	1
Doctor of Science	-	-	-	-	-	-	-	2	-	-
08.00.08 – Money, finances and credit										
Candidate of Science (Doctor of Philosophy)	1	-	1	1	-	6	3	5	5	2
Doctor of Science	-	1	-	-	1	-	-	-	-	-
08.00.09 – Accounting, Analysis and Audit (by types of economic activity)										
Candidate of Science (Doctor of Philosophy)	1	-	-	-	-	1	-	-	-	1
08.00.11 – Mathematical methods, models and information technologies in economy										
Candidate of Science (Doctor of Philosophy)	-	-	1	-	-	-	2	-	-	1
Doctor of Science	-	-	1	-	-	1	-	1	-	-
Total number of degrees Candidate of Science (PhD) awarded in Economic Sciences	5	6	8	3	2	21	15	20	14	15
Total number of degrees Doctor of Science awarded in Economic Sciences	-	1	1	-	1	1	2	4	-	-

*KhNUE does not provide the training of postgraduate students and doctoral students for specialties 08.00.05 (Development of productive forces and Regional Economy) and 08.00.10 (Statistics)

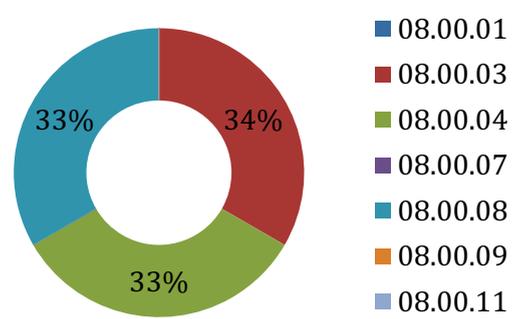
Annex 7b. Female and male postgraduate and doctoral students for the period of 2014-2018



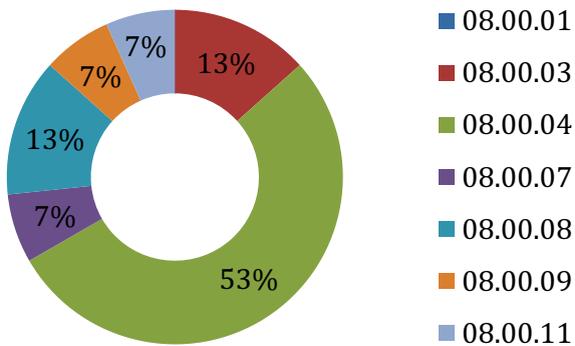
2017 Female PhD Graduates



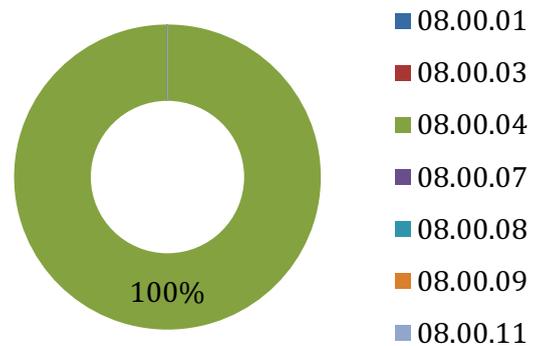
2017 Male PhD Graduates



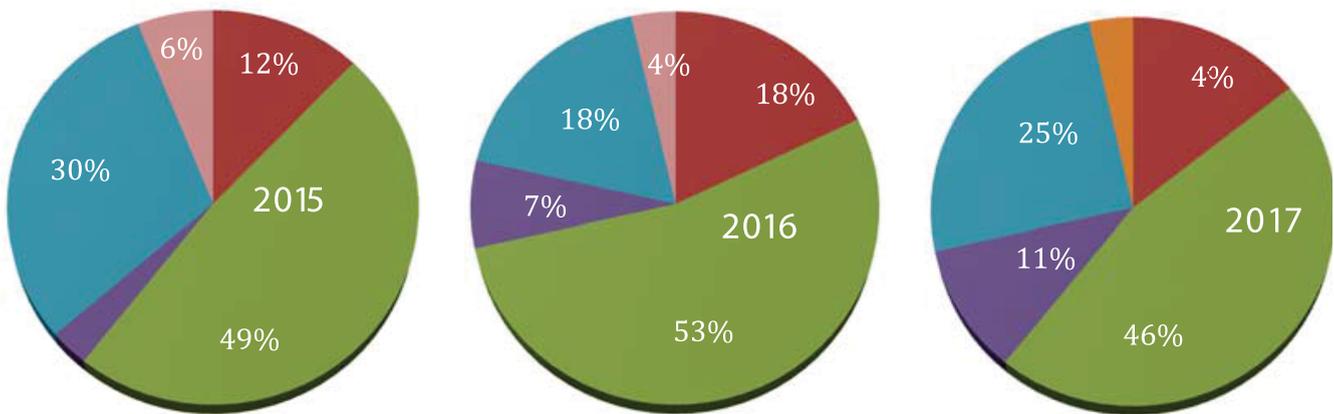
2018 Female PhD Graduates



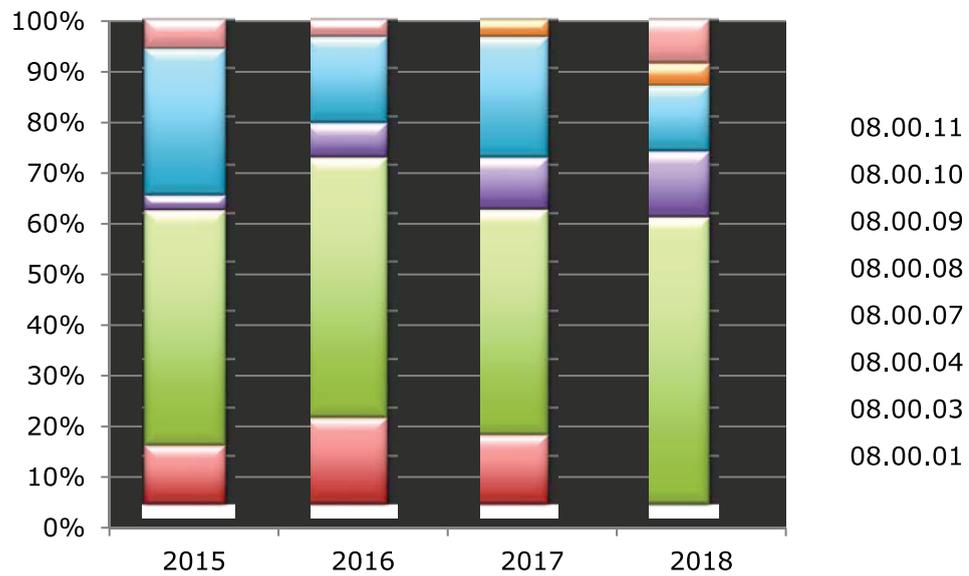
2018 Male PhD Graduates



Annex 7c. Distribution of doctoral students of KhNUE



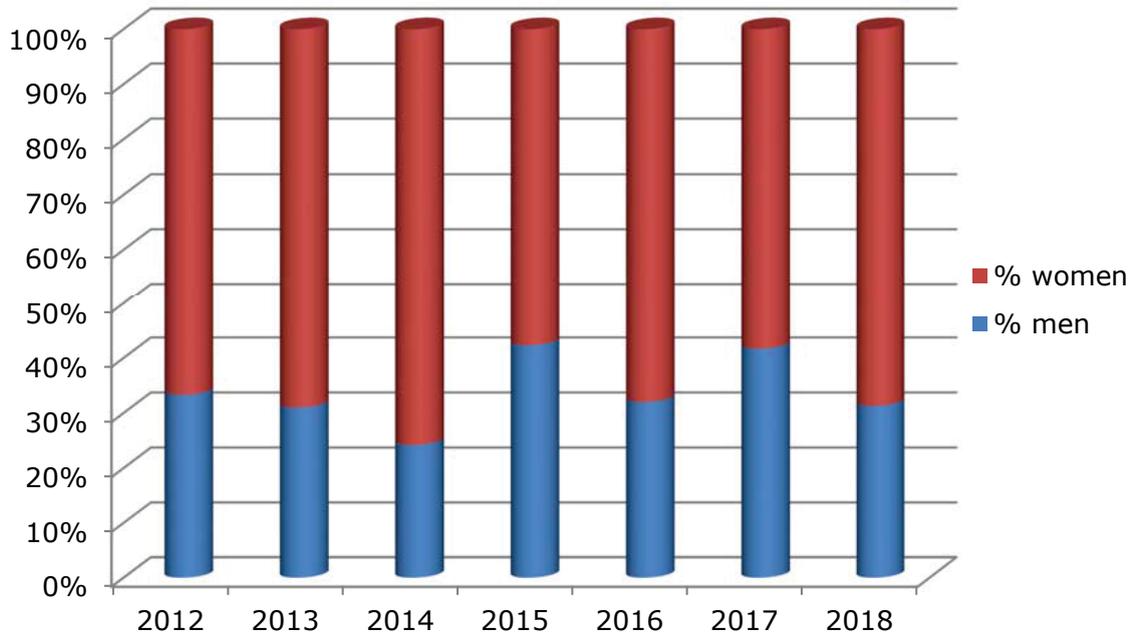
Annex 7d. Distribution of doctoral students of KhNUE by specialties in doctoral program 051Economics



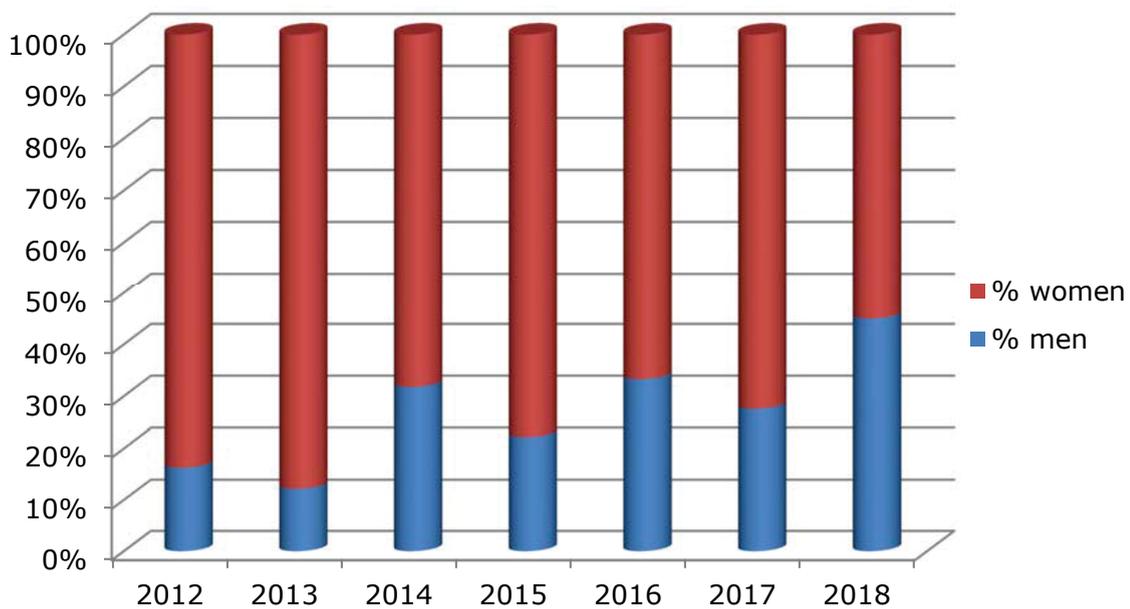
Annex 7e. Statistics of doctoral students training in KhNUE for the period 2012-2018

Indicator	2012	2013	2014	2015	2016	2017	2018
The number of students enrolled in graduate school, persons	39	42	33	26	30	24	16
inter alia % of students enrolled in postgraduate studies at the University with a Master's degree from the same university	71,8	66,6	84,8	69,0	72,0	50	68,7
% men	33,3	31,0	24,2	42,3	32,0	41,7	31,3
% women	66,7	69,0	75,8	57,7	68,0	58,3	68,7
Number of succeed graduates, persons	56	57	46	50	31	39	31
% men	16,3	12,2	31,8	22,2	33,3	27,6	45
% women	83,7	87,8	68,2	77,8	66,7	72,4	55
Number of theses with co-supervision or double supervision	-	1	1	1	-	-	-
Number of PhD students with funding:							
state funding	38	42	30	25	25	20	15
self-funding (including foreign students)	1		2	1	5	4	1
Number of succeed graduates who stays to work as teachers at the end or after Cycle 3	19	26	10	26	14	12	10
Number of succeed graduates who became professors at the end or after Cycle 3	It is impossible up to the legislation base of Ukraine						

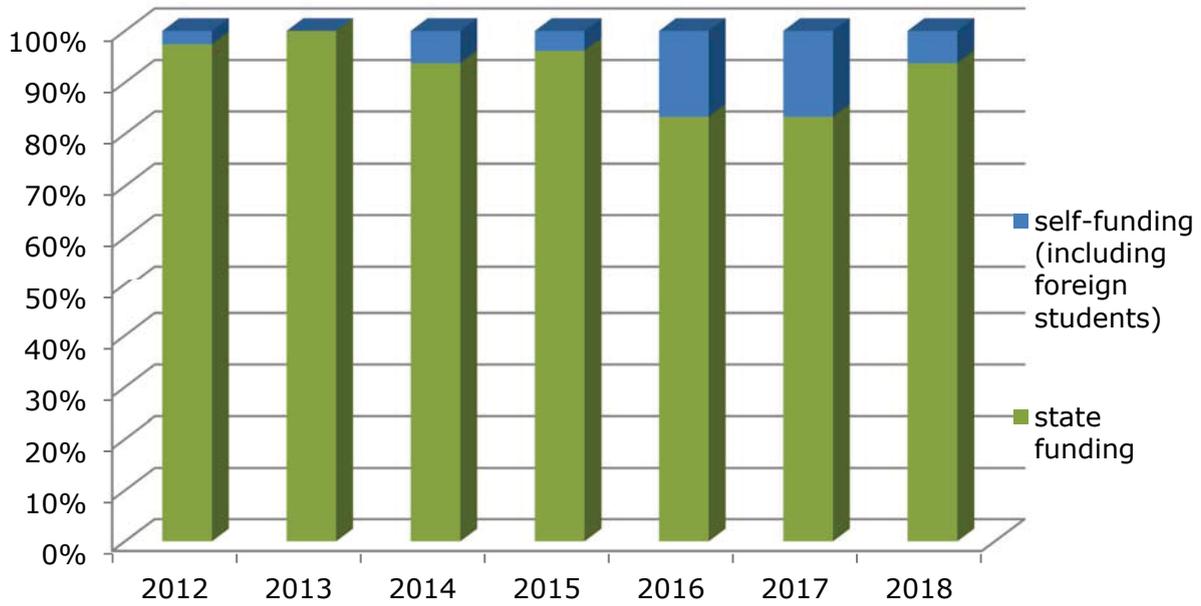
Annex 7f. Number of students enrolled in postgraduate studies at the University with a Master's degree from the same university



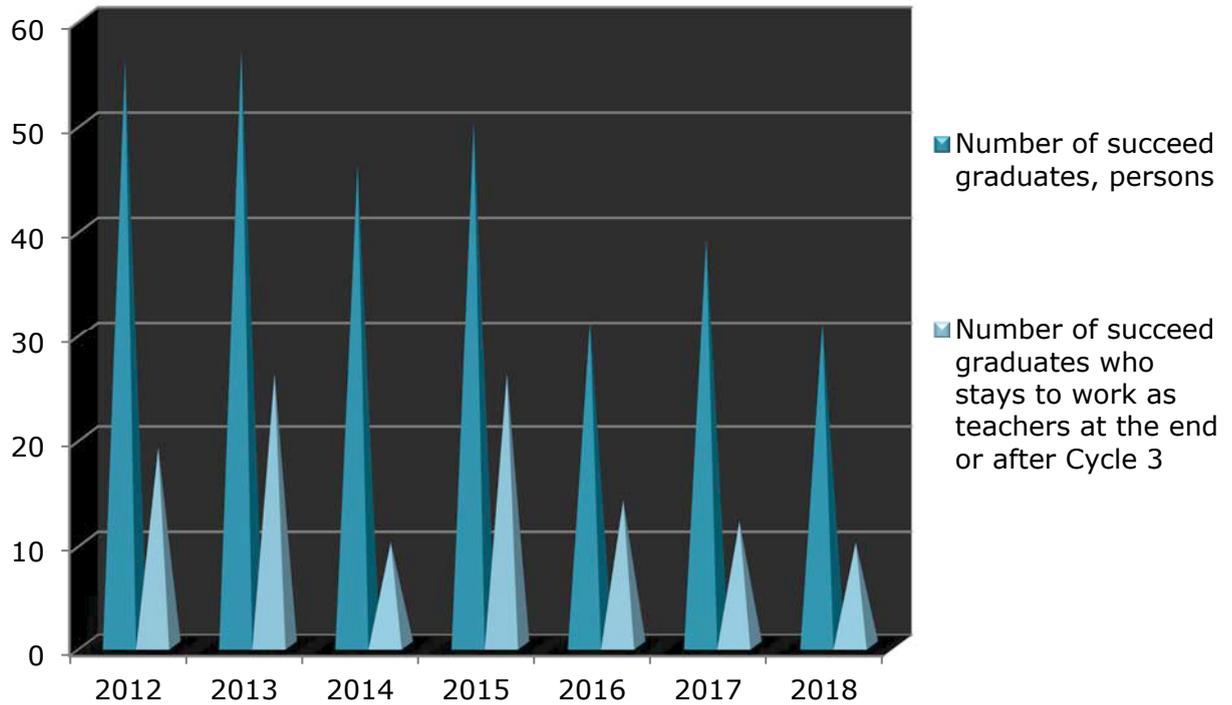
Annex 7g. Statistics on succeed graduates in KhNUE for the period of 2012-2018



Annex 7h. Number of KhNUE PhD students with funding



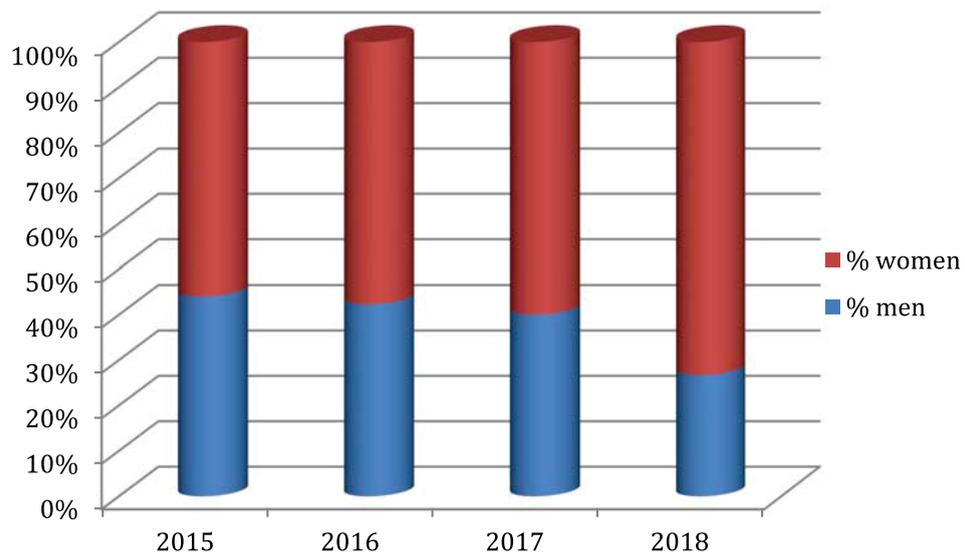
Annex 7i. Statistics on succeed graduates in KhNUE who stays to work as academic staff



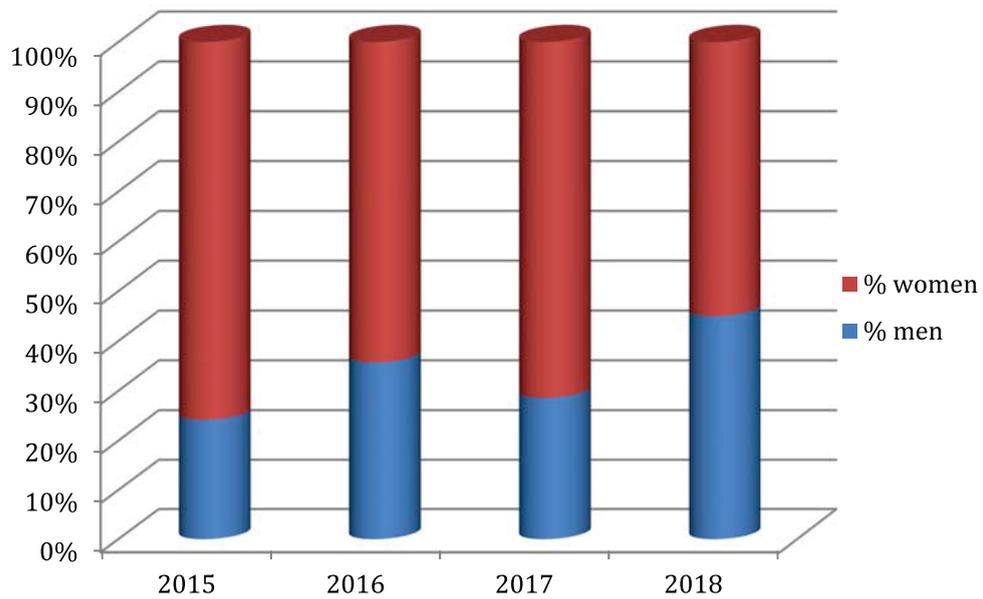
**Annex 7j. Statistics of doctoral students training in KhNUE
on the speciality 051 "Economics" for the period 2015-2018**

Indicator	2015	2016	2017	2018
The number of students enrolled in graduate school, persons	25	26	20	14
inter alia % of students enrolled in postgraduate studies at the University with a Master's degree from the same university	76	69,2	50	66,6
% men	44	42,3	40	26,7
% women	56	57,7	60	73,3
Number of succeed graduates, persons	47	29	37	26
% men	24,2	35,7	28,6	45
% women	75,8	64,3	71,4	55
Number of theses with co-supervision or double supervision	1	-	1	-
Number of PhD students with funding:				
state funding	24	22	16	14
self-funding (including foreign students)	1	4	4	1
Number of succeed graduates who stays to work as teachers at the end or after Cycle 3	9	7	9	9

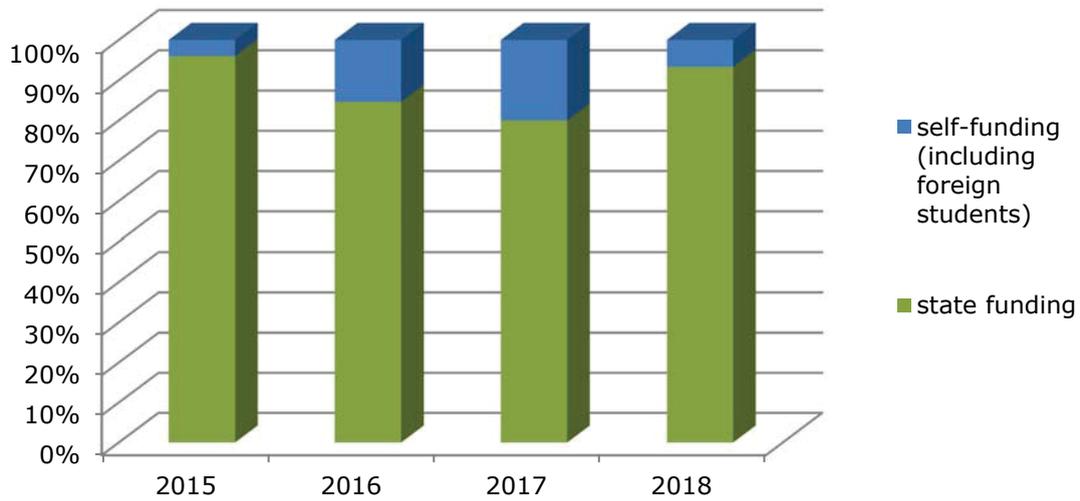
Annex 7k. Number of students enrolled in 051 Economics with a Master's degree from the same university



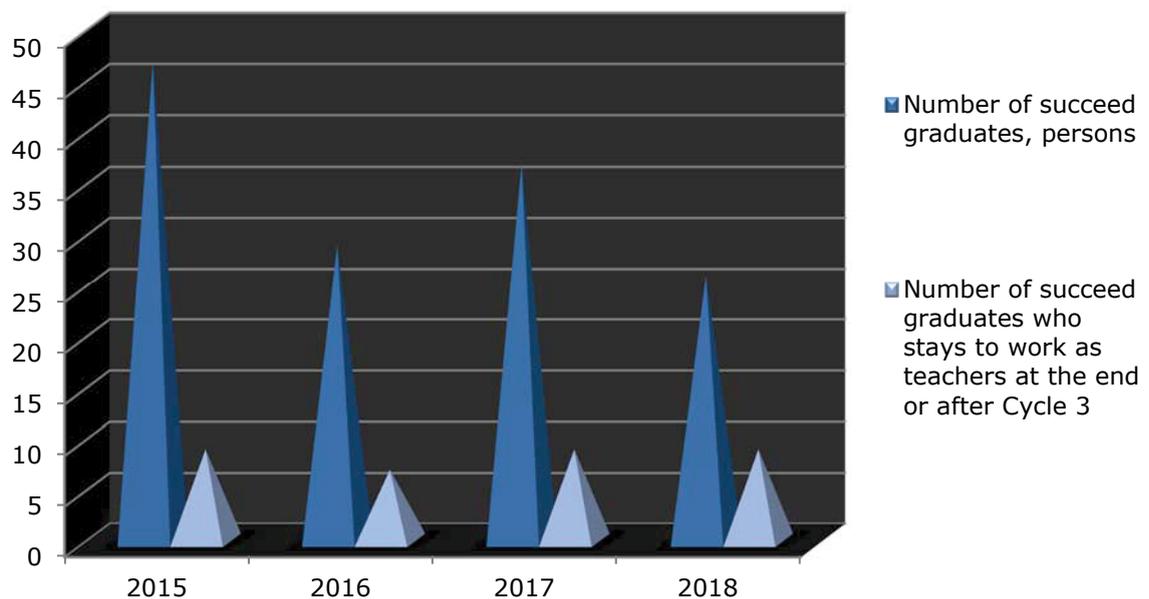
Annex 7l. Statistics on succeed graduates in 051 Economics for the period of 2015-2018



Annex 7m. Number of 051 Economics PhD students with funding



Annex 7n. Statistics on succeed graduates in 051 Economics who stays to work as academic staff

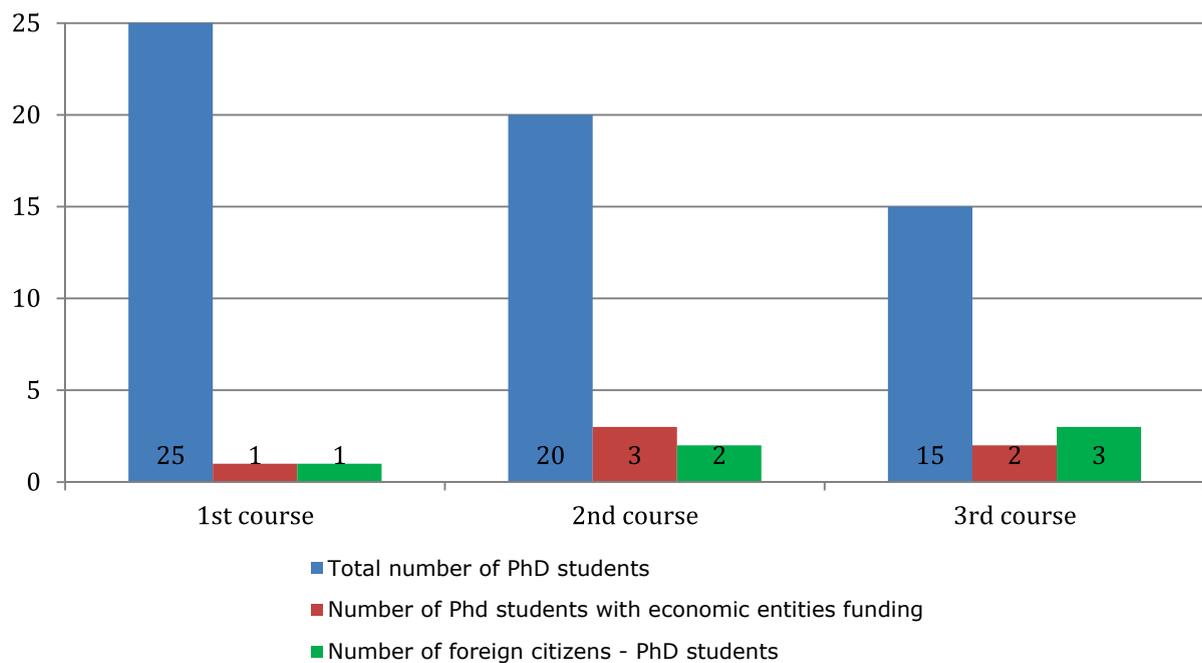


Annex 7p. Statistics of international PhD students in KhNUE

Countries of origin of foreign PhD students



Statistics on foreign PhD students enrolled in 051 Economics

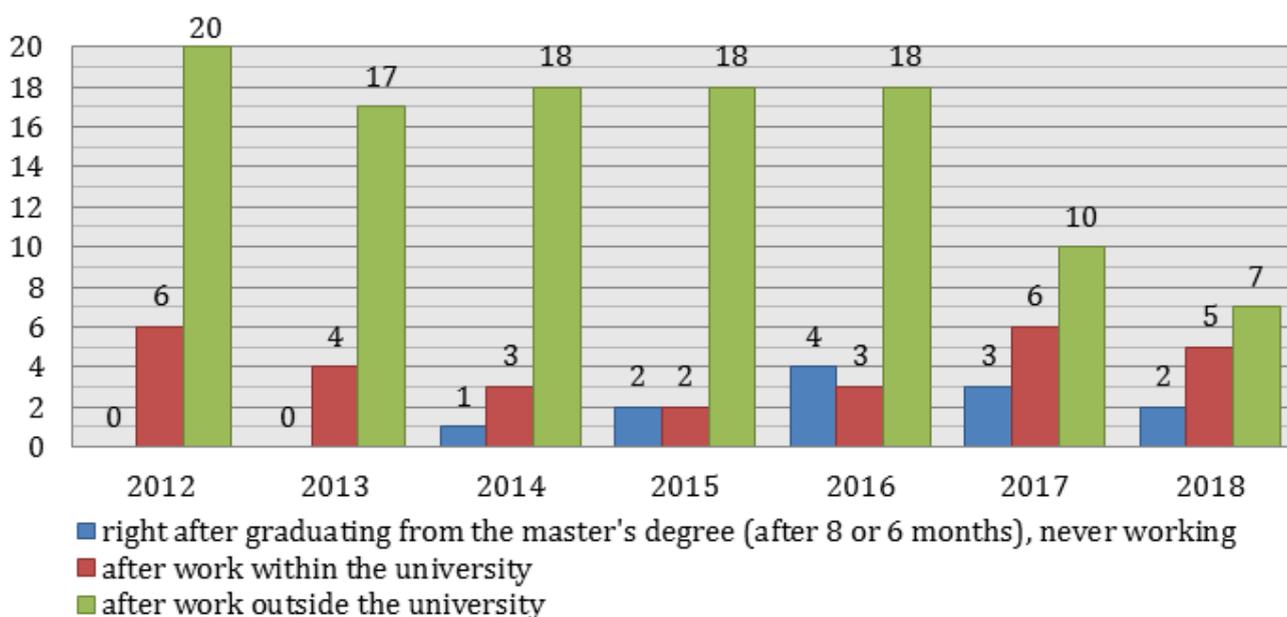


Annex 8. Statistics on student success and integration into the job market

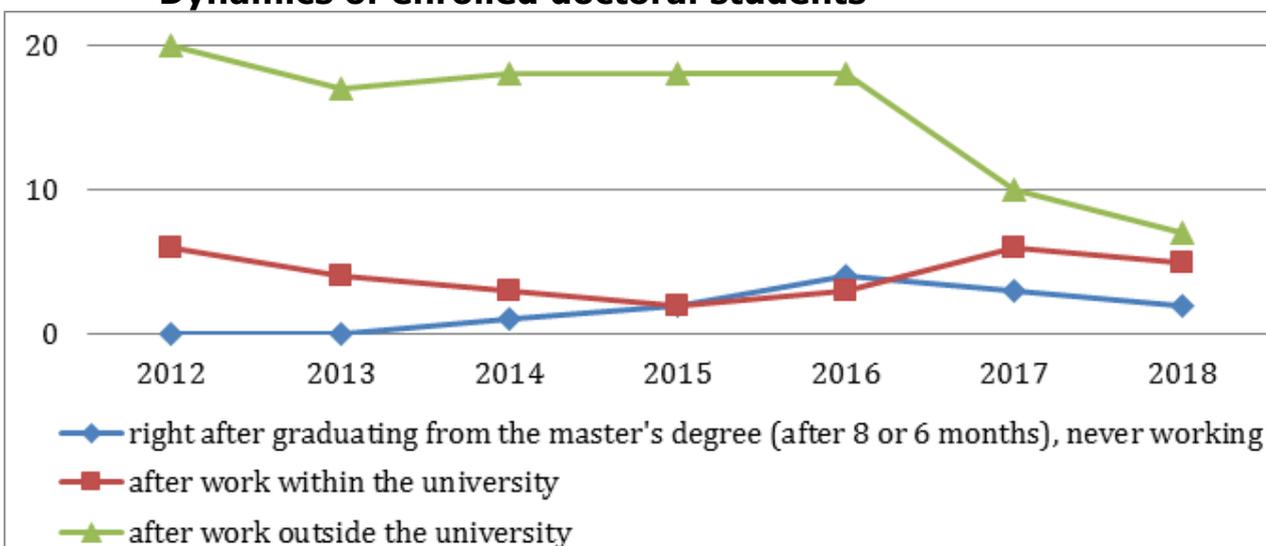
Annex 8a. Dynamics of success of graduates for the period of 2012-2018

Number of enrolled doctoral students	Year of enrollment						
	2012	2013	2014	2015	2016	2017	2018
right after graduating from the master's degree (after 8 or 6 months), never working	-	-	1	2	4	3	2
after work within the university	6	4	3	2	3	6	5
after work outside the university	20	17	18	18	18	10	7

Number of enrolled doctoral students



Dynamics of enrolled doctoral students

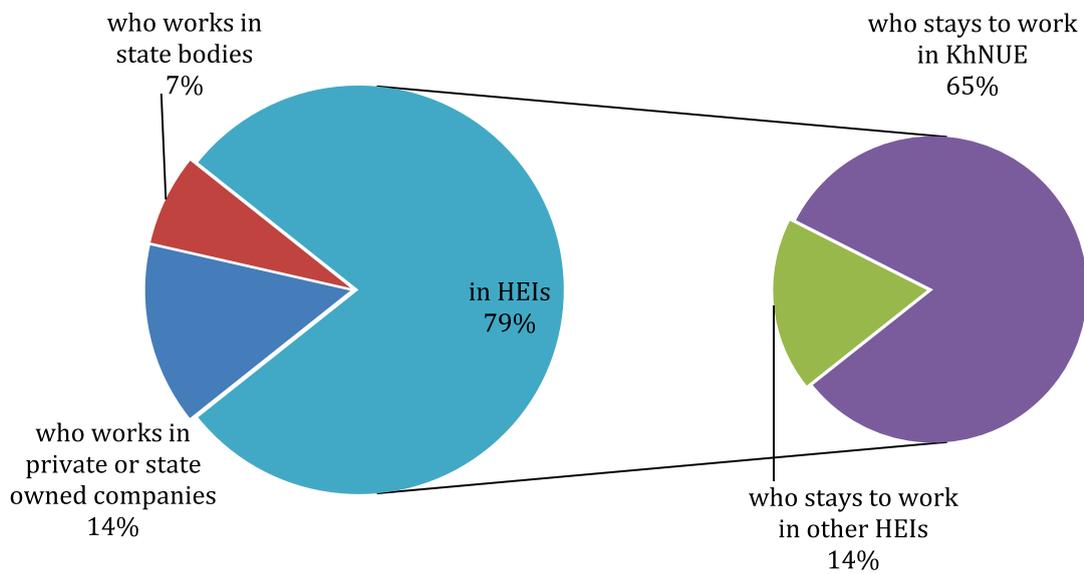


Annex 8b. Statistics on success of graduates of Cycle 3 of KhNUE and their integration into the job market

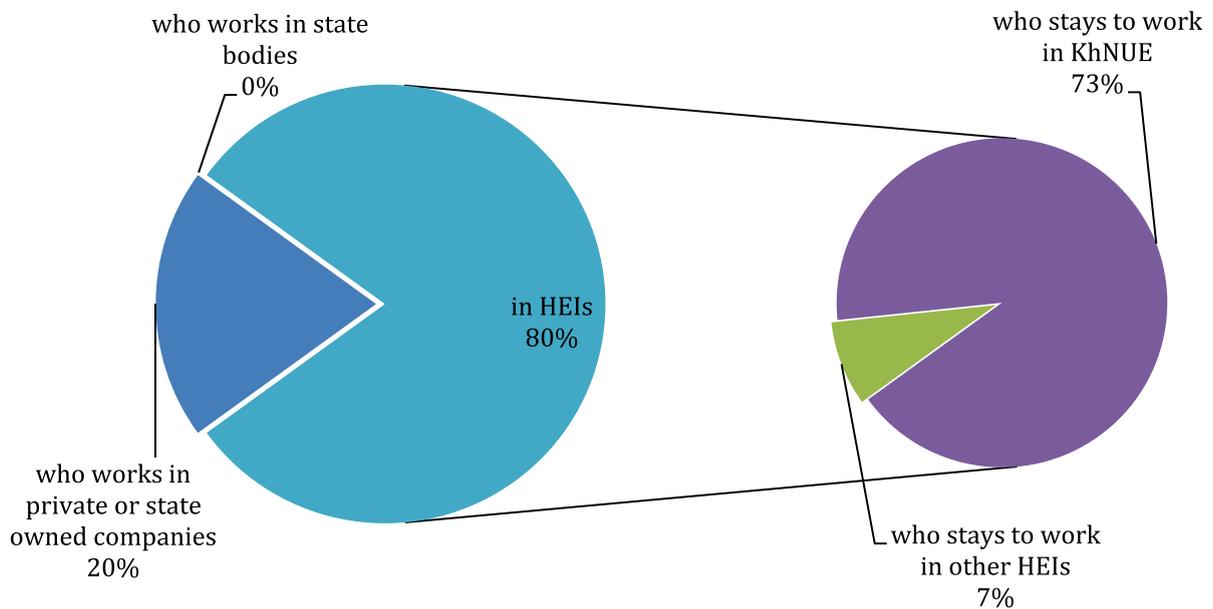
Indicator	Year		
	2016	2017	2018
Number of graduates	30	29	20
Number of succeed graduates	16	16	1
<i>% of total number of graduates</i>	53,3%	55,2%	5%
Number of succeed graduated	14	15	1
<i>% of total number of succeed graduates</i>	87,5%	93,7%	100%
<u>inter alia</u>			
<u>in private or state owned companies</u>			
number	2	3	
<i>% of total number of succeed graduates</i>	12,5%	18,8%	
<u>in state bodies</u>			
number	1		
<i>% of total number of succeed graduates</i>	6%		
<u>in research institutions</u>			
number			
<i>% of total number of succeed graduates</i>			
<u>in HEIs</u>			
number	2	1	
<i>% of total number of succeed graduates</i>	12,5%	6,3%	
<u>others (housewives and other unemployed)</u>			
number	2	1	
<i>% of total number of succeed graduates</i>	12,5%	6,3%	
Number of succeed graduates, who stays to work in KhNUE	9	11	1
<i>% of total number of succeed graduates</i>	56%	68,8%	100%
Number of succeed graduates who went on further academic studies	-	-	-

Annex 8c. Statistics on graduates employability

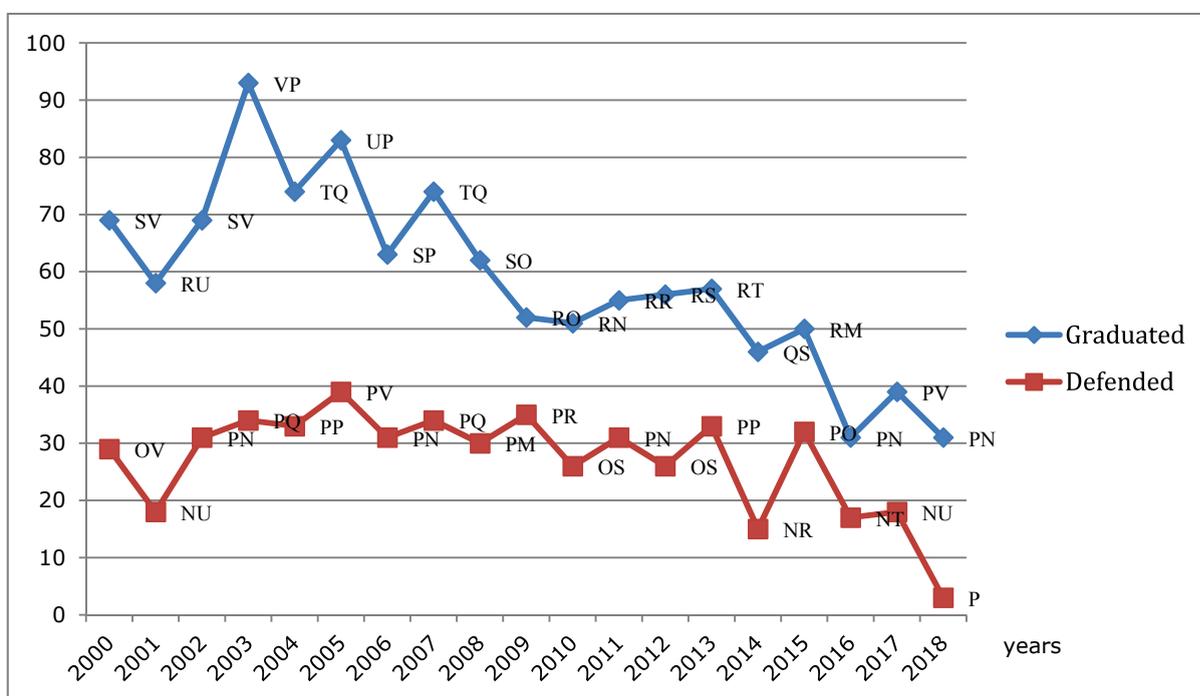
Statistics on graduates employability in 2016



Statistics on graduates employability in 2017



Annex 8d. Dynamics of graduate students of KhNUE and their thesis defense in specialized scientific councils for the period of 2000-2018



Annex 8e. The period between the completion of postgraduate studies and the defense of a dissertation in a specialized academic council for the period of 2012-2018 *

Field of knowledge	The period between the completion of postgraduate studies and the defense of a dissertation (in average), months						
	2012	2013	2014	2015	2016	2017.	2018
08 Economic Sciences	13	16	16	12	9	8	-
(from 2015 – 051 Economics)	23*	24*	11*	23*	8*	10*	
	3**	5**	1**	2**	4**	3**	

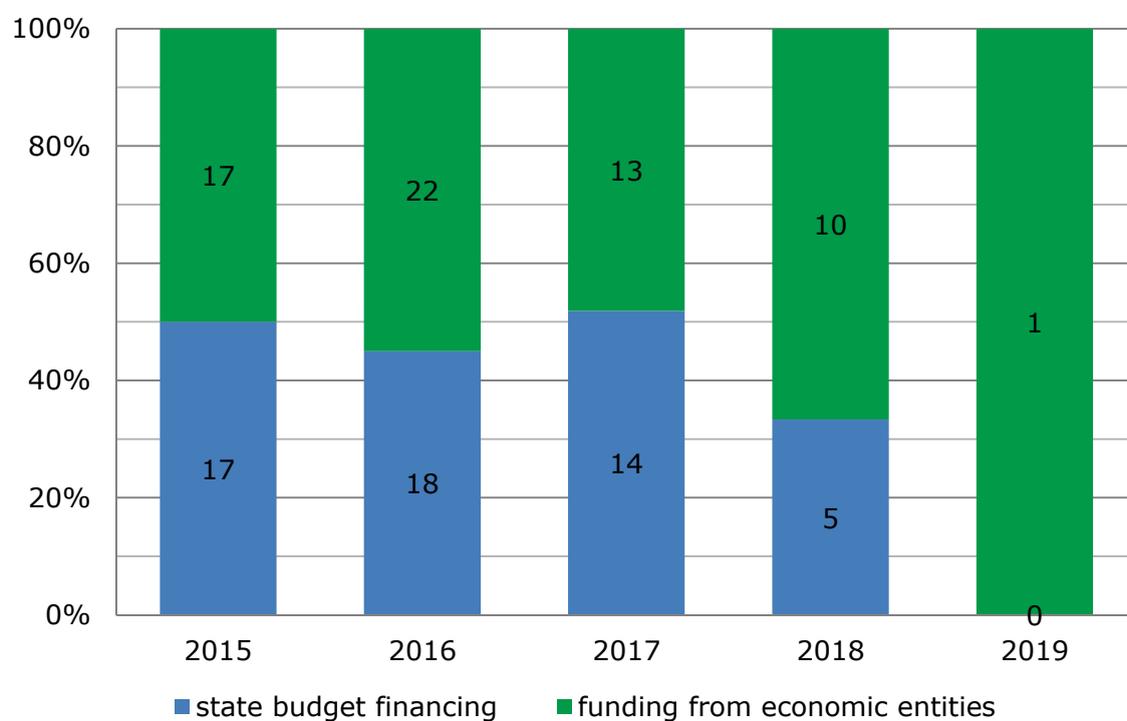
* of the number of those doctoral students who graduated from the doctorate of KhNUE and defended the thesis as of 01.01.2019 p.

** the defense took place ahead of time - before the end of the postgraduate training period

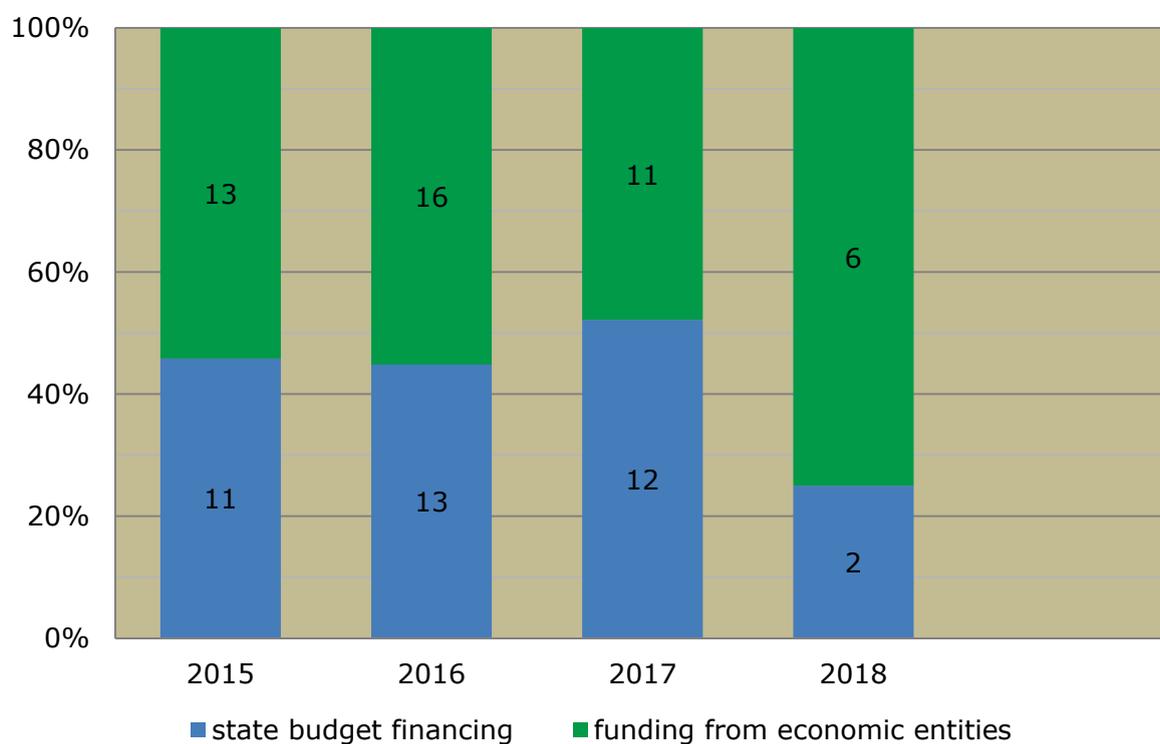
Annex 9. Statistics of participation of doctoral students in research work of KhNUE for the period of 2015-2018

Year	Source of financing	Total number of doctoral students, who participated in research work of university	Including women	
			number	%
2015	budget financing	17	11	64,7
	funding from economic entities	17	13	76,5
Total of 2015		34	24	70,6
2016	budget financing	18	13	72,2
	funding from economic entities	22	16	72,7
Total of 2016		40	29	72,5
2017	budget financing	14	12	85,7
	funding from economic entities	13	11	84,6
Total of 2017		27	23	85,2
2018	budget financing	5	2	40,0
	funding from economic entities	10	6	60,0
Total of 2018		15	8	53,3
2019	funding from economic entities	1	0	0,0
Total of 2019		1	0	0,0
Total of 2015-2019		117	84	71,8

Sources of financing of research work of PhD students in KhNUE



Sources of financing of research work of female PhD students in KhNUE



Annex 10. Programme description and targeted competencies

DEGREE PROFILE	
Doctor of Philosophy	
Degree Programme in Economics	
Type of Degree and Length	Single degree (60 ECTS-credits / 4 academic years)
HEIs name	Simon Kuznets Kharkiv National University of Economics, Kharkiv
Accreditation Organization(s)	Accreditation Organization of Ukraine (Ministry of Education and Science of Ukraine)
Period of Reference	Programme validated for 4 years for cohorts commencing 2016
Level	QF for EHEA: 3rd cycle, EQF level 8; NQF of Ukraine: 3rd cycle, level 8
A	Purpose
	The aim of the PhD programme is to give the doctoral students a deeper understanding of the field of modern Economics, through the training in research methodology, tools and techniques of analysis, and opportunities to apply this in extended research. The graduates will then be in the position to pursue an academic career, as well as working as economists in the private sector, governments, and international organizations.
B	Characteristics
1 Discipline(s) / Subject area	05 - Social and behavioral sciences
2 General / Specialist Focus	General: The early stage researcher is given full support in elaborating a research theme and preparing a practical and theoretical/methodological strategy for dealing with it: all themes pertaining to development of the national socio-economic system (the national economy, its components, subjects of management of the micro, meso and macroeconomic levels; the competitiveness of the national economy under the conditions of European integration and globalization, etc.) can be accepted. Specialist: research in national economy development (models of forecasting, planning and management of processes of effective functioning of economic entities at macro-, meso- and microeconomic levels; mechanisms of investment and innovation policy of subjects of management of all economic levels, etc.).
3 Orientation	Fundamental research including the development of effective mechanisms for the functioning and development of socioeconomic systems at macro-, meso- and microeconomic levels which may have wide applicability.
4 Distinctive Features	Compulsory research training programme; the conducted research focuses on cooperation with the institutions of the Academy of Sciences of Ukraine, entrepreneurial structures, foreign scientific and educational institutions and grant activities.
C	Employability and further education
1 Employability	Post-doctoral positions (scientific and teaching activities in the field of economics and business) in research groups in universities or research laboratories (departments). Management and leadership positions; governmental positions; positions in higher education, business sector (industry and commerce). Self-employment.
2 Further Studies	Life-long learning activities in researchers' careers (e.g. in the related subject areas). Moreover, further doctoral training in fields related to economics, social and behavioral sciences (NQF of Ukraine: level 9). Learned societies (professional organizations).

D	Education style	
1	Learning and teaching approaches	The learning style is based on active learning, especially on specific interactive lecture courses, seminars, and laboratory classes, individual consultations with academic staff and the use of library and the Internet resources; participation of students in the project teams. The main teaching approach is close supervision, support and feedback from the research supervisor and the research laboratory (department) staff.
2	Assessment methods	<p>Written exams, oral exams, laboratory reports, oral presentations, continuing assessments, final comprehensive exam.</p> <p>Interim assessments of courses, seminars and laboratory classes is according to the practices in those activities at regular intervals twice per academic year.</p> <p>Final students' appraisal is a procedure conducted to assess the quality of students' mastery of the academic disciplines upon completion in the form of an exam.</p> <p>Students' assessment is conducted in the form of research findings presentation and their discussion at the research laboratories (department) meeting.</p> <p>Students' final assessment is conducted by the specialized Academic Council for dissertation (thesis) defense and takes the form of a public defense of the dissertation (thesis).</p>
E	Programme competencies	
	Generic (universal)	<ul style="list-style-type: none"> • Research ability. Competence to carry out research and produce research results; capacity for abstract thinking, analysis and synthesis using information from various sources as well as making logical arguments and producing proven research results; capacity to produce new knowledge. • Computing skills: ability to implement computer programs and to use current application programs. • Creativity. Ability to generate new scientific, theoretical, methodological and practical ideas and to formulate hypotheses, and to select the appropriate pathways in pursuing research goals. • Communication skills. Ability to communicate effectively in one of foreign languages to specialist and non- specialist audience and to present research results in oral and written form. • Teamwork and project work. Competence in conceptualizing, designing, implementing and evaluating research projects. Ability to effectively lead a project and/or work in a complex research team and demonstrate ethical commitment. • Ability to work autonomously; critical and self-critical skills: ability to integrate and analyze the results of diverse studies through independent study and to enter new fields by using economics and business knowledge; capability for offering a review and critique on publications, presentations and theses/dissertations. • Teaching abilities. Competence to teach students in seminars, lectures, laboratory classes efficiently applying educational concepts.

2	Subject Specific	<ul style="list-style-type: none"> • Research capacity in the field of economics. Ability to analyze economic phenomena in terms of fundamental economic principles and knowledge taking account of the current and predicted trends in the sector. Ability to conduct high-quality original research up to the national and world levels. Ability to produce a final product and theses/ dissertation by a set deadline. • Technological abilities. Competence in the use of research techniques of modeling and forecasting in the field of economics and competence in technology related to creating new knowledge, obtaining scientific and practical results in the field of economics. • Critical and Evaluative Ability. Competence in conducting a critical analysis of various information sources of the theme of the dissertation. Competence to present research results and to participate in discussions and debates with the academic staff concerning the defense and implications of the obtained results. • Innovation and professionalism. Ability to generate business ideas and to initiate the implications of research results into practice. Competence in applying innovative teaching methods while training students economic disciplines.
F	Complete list of programme learning outcomes	
	<p>The recipient of the doctoral degree has demonstrated:</p> <ul style="list-style-type: none"> • acquisition of knowledge and understanding of advanced methods of scientific research, skills and abilities to use methods of scientific research relevant to the level of doctor of philosophy (economics); • ability to present his or her own research results in another language and discuss them in both academic and non-academic contexts, orally and in written form; • capacity to communicate and present research ideas effectively in both oral and written forms to a range of professional audiences at conferences, symposiums, scientific seminars in an international context; • a systematic acquisition and understanding of a substantial body of knowledge which is at the forefront of an academic discipline or an area of professional practice; • ability to use a variety of resources including inventories, library catalogues, journals, data-bases and on-line resources to conduct surveys and searches for information in subject-related literature; • ability to analyze and to refer appropriately to major recent works in the specific research field; • ability to synthesize and discuss recent publications formulating research hypotheses, in and outside the immediate research area; • ability to apply advanced research techniques, evaluate and ensure the quality of the research project; • ability to use critical knowledge, to search his or her own pathways to solve research problems, to conduct a critical analysis of his or her own research product, to generate his or her own new ideas, to make well-informed decisions; • acquisition of knowledge and understanding of the higher education structure in Ukraine, its legislative and regulatory structure, peculiarities of the teacher's professional and pedagogical activity at the higher educational establishment (advanced techniques of organization and implementation of educational process, various aspects of educational work with students, innovative teaching methods); • ability to carry out an independent original research product in the field of social and behavioral sciences based on critical examination of sources and his/her research results in compliance with the established requirements to the dissertation; • ability to elaborate a relevant and well-argued research plan for dealing with a significant problem of publishable quality; to formulate the purpose, tasks, object and subject of research, to form the dissertation structure; create and interpret new knowledge through original research. 	

Annex 11. Curriculum for the doctoral programme "Economics"

Curriculum for doctoral programme "Economics"

#	Name of discipline, internship	Distribution by semester		Number of ESTC credits	Number of hours					Distribution of hours per week		
		Exams	Credits		Total volume of discipline (hours)	Number of active hours including			Independent work (hours)	1 year semester		
						Lectures	Practical	Seminars		1	2	
I. Cycle of disciplines of general training												
1.1. Mandatory disciplines												
1.	Foreign language*		2	6,0	180	48	16	32				2
2.	Philosophy of science	1		4,0	120	38	18		20		3	
3.	Methodology and organization of scientific research		2	6,0	180	50	22	22	6			2
4.	Mathematical methods, models and information technologies in scientific research		2	5,0	150	38	16			22		2
5.	Ukrainian language as foreign**		1	4,0	120	32		32				2
	Total for Cycle I	1	3	21	750	206	72	86	26	22	544	4
II. Cycle of disciplines of professional scientific training												
2.1. Mandatory disciplines												
6.	Social economy and politics		1	4,0	120	32	14	18			88	2
7.	Behavioral economy	2		5,0	150	38	18	20			112	2
	Total for 2.1.	1	1	9	270	70	32	38			200	2
2.2. Disciplines of free choice												
8.	Modern economic theories		1	5	150	38	14	24			112	3
9.	Economic comparative study		1	5	150	38	14	24			112	3
10.	Analysis of socio-economic data		1	5	150	38	14			24	112	3
11.	Institutional mechanism of world economic relations		2	5	150	38	18	20			112	2
12.	Demography		2	5	150	38	18	20			112	2
13.	Methods and models of quantitative economics		2	5	150	38	18			20	112	2
14.	Econometrics and simulation of dynamic processes		2	5	150	38	18			20	112	2
	Total for 2.2.	2	10	300	76	32	44	44		20	224	3
	Total for Cycle II	1	3	19	570	146	64	82	44	66	424	5
	Total for curriculum	2	7	40	1320	352	136	168	26	66	968	4
	Number of hours per week										10	6
	Number of exams										1	-
	The number of credits										3	3

* -

English, German or French

** - for training of international students and stateless persons

The curriculum was approved by the decision of the Academic Council of KNEU of March 26, 2018 (Protocol No. 7) with amendments approved by the decision of the Academic Council of KhNUJE from June 25, 2018 (protocol No. 9).

Head of the project group on the speciality 051 Economics

_____ (Signature)

Nazarova G.V.
(Full name)

Annex 12. Student handbook (Individual plan of doctoral student)

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SIMON KUZNETS KHARKIV NATIONAL UNIVERSITY OF ECONOMICS**

INDIVIDUAL PLAN OF DOCTORAL STUDENT

Kharkiv, KhNUE, 2016

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SIMON KUZNETS KHARKIV NATIONAL UNIVERSITY OF ECONOMICS

APPROVED

Academic Council of KhNUE
Protocol №1 from 29.08.2016
Head of Academic Council
Rector _____ prof. V.S. Ponomarenko

AGREED

Vice-rector on scientific and
educational work
prof. V.Y. Yermachenko
«___» _____ 20__ .

INDIVIDUAL PLAN OF DOCTORAL STUDENT

1. Full name _____

2. Code and name of speciality _____

Order of enrollment №__ from «___» _____ 20__ .

3. Form of training _____
(full-time; correspondence; out of postgraduate study)

4. Graduation date «___» _____ 20__ .

5. Department _____

6. Faculty _____

7. Scientific supervisor _____
(Full name, scientific degree, academic rank)

8. Theme of dissertation _____

Approved by Academic Council at the meeting of the Academic council №__
from «___» _____ 20__ .

Specified topic of the thesis _____

Specified on Academic Council, protocol №__ from «___» _____ 20__ .

9. Research base _____

GENERAL PLAN of training of a doctoral student

1. General study plan (60 credits ESTC).

№	Name of discipline, internship	Number of ESTC credits	Form of the final control		Total volume of discipline (hours)	Number of active hours				Independent work (hours)	Semester
			Exam	Credit		Lectures	Practical	Seminars	Laboratory works		
I. Cycle of disciplines of general training											
obligatory subjects											
1.1	Foreign language	6		2	180	16	32			132	2
1.3	Philosophy of science	4	1		120	18		20		82	1
1.4	Methodology and organization of scientific research	6		2	180	22	22	6		136	2
1.5	Mathematical methods, models and information technologies in scientific research	5		3	150	16			22	112	3
Total on Cycle I		21	1	3	630	72	54	26	22	696	-
II. Cycle of disciplines of professional scientific training											
2.1 obligatory subjects											
2.1		4			120						1
2.2		5			150						3
Total on 21.		9			270						
2.2. subjects of free choice											
3.1		5			150						1
3.2		5			150						2
Total on 22.		10			300						
Total on Cycle II		19			570						
Total on full plan		40			1200						
IV. Assistant pedagogical internship: no less than 50 hours											
4.1. Assistant pedagogical internship										50	1-8

2. General research plan

1. Work on dissertation		
№	Works scope	Term of execution
1.1	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)	1-3 year of training
1.2	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)	1-3 year of training
1.3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)	1-3 year of training
1.4	Formalization of the thesis (printing, preparation of graphic material, abstract and other documents for defense)	2-3 year of training
1.5	Defense (preliminary defense of the results of dissertation research at the department, presentation of the dissertation at the scientific methodological seminar, experts of the dissertation council, defense of the dissertation in the specialized scientific council for obtaining a scientific degree of the doctor of philosophy in specialty)	3-4 year of training
1.6	Internship at leading foreign and domestic universities (scientific institutions) and enterprises	1-4 year of training
2. Participation in the research work of the university (department): at least in one		
2.1.		1-4 year of training
2.2.		
Publication of research results: at least 5 articles in specialized digests of articles, including at least 2 publications in journals that are indexed by scientific metric databases or foreign journals		
3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)		
3.1.1		1-4 year of training
3.1.2		
3.1.3		
3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments): at least 5 conferences		
3.2.1		1-4 year of training
3.2.2		
3.2.3		

1 year study: 1 semester (half a year)

1. Individual study plan

1.1. Mastering the disciplines of the cycle of general training

Number by plan	Actually completed								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Seminars			
	Philosophy of science	4	120	38	18	20	Exam		
	Total	4	120	38	18	20			

1.2. Mastering the disciplines of the cycle of professional scientific training

Number by plan	Actually completed								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Seminars			
	Total								

1.3. Mastering the disciplines of the cycle of professional scientific training by free choice

Number by plan	Actually completed								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Seminars			
	Total								

1.4. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	3				
	Total				

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Scope of work	Plan (%)	Actually done (%)
1	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included
1	2	3	4	5	6

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2 Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place
1	2	3	4	5	6	7

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

3. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

signature of the Head of department

signature of an expert

signature of an expert

signature of an expert

signature of supervisor

Acquainted with assessment:

Full name

signature of doctoral student

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

PLAN APPROVED:
Vice-rector of scientific and educational work

1 year study: 2 semester (half a year)

1. Individual study plan

1.1. Mastering the disciplines of the cycle of general training

Number by plan	Actually done								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Seminars			
	Foreign language	6	180	38	16	22	credit		
	Methodology and organization of scientific research	6	180	50	22	28	credit		
	Total	12	360	88	38	50			

1.2. Mastering the disciplines of the cycle of professional scientific training by free choice

Number by plan	Actually done								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Seminars			
	Total								

1.3. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	Total				

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Scope of work	Plan (%)	Actually done (%)
1.	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2.	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included
1	2	3	4	5	6

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place
1	2	3	4	5	6	7

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2.4. Scientific doctoral project defense

Title of the scientific doctoral project	Volume, pages	Date and protocol №	mark
Remarks and comments			Full name of expert

Head of Commission _____
signature (Full name, scientific degree, academic rank)

Members of Commission _____
signature (Full name, scientific degree, academic rank)

_____ signature (Full name, scientific degree, academic rank)

_____ signature (Full name, scientific degree, academic rank)

Supervisor _____
signature (Full name, scientific degree, academic rank)

2.5. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

_____ signature of the Head of department

_____ signature of an expert

_____ signature of an expert

_____ signature of an expert

_____ signature of supervisor

Acquainted with assessment:

_____ Full name

_____ signature of doctoral student

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

2 year study: 1 semester (half a year)

1. Individual study plan

1.1. Mastering the disciplines of the cycle of general training

Number by plan	Actually completed								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Practical (laboratory) works			
	Mathematical methods, models and information technologies in scientific research	5	150	38	16	22	credit		
	Total	5	150	38	16	22			

1.2. Mastering the disciplines of the cycle of professional scientific training

Number by plan	Actually completed								
	Name of discipline, internship	Total volume of discipline (ECTS)	Total volume of discipline (hours)	Number of active hours			Form of control	Date and protocol number	Mark
				Total	Lectures	Seminars			
	Total								

1.3. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	Total				

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Work scope	Plan (%)	Actually done (%)
1	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)		
3	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included
1	2	3	4	5	6

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place
1	2	3	4	5	6	7

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2.5. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

signature of the Head of department

signature of an expert

signature of an expert

signature of an expert

signature of supervisor

Acquainted with assessment:

Full name

signature of doctoral student

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

2 year study: 2 semester (half a year)

1. Individual study plan

1.1. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	3				
	Total				

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Work scope	Plan (%)	Actually done (%)
1	2	3	4
1.	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2.	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)		
4	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2.5. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

PLAN APPROVED:

Vice-rector of scientific and educational work

3 year study: 1 semester (half a year)

1. Individual study plan

1.1. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	Total				

Target figures confirmed:

Actual figures confirmed:

signature of student

signature of student

signature of supervisor

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Work scope	Plan (%)	Actually done (%)
1	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)		
4	Formalization of the thesis (printing, preparation of graphic material, abstract and other documents for defense)		
5	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		
6	Defense (preliminary defense of the results of dissertation research at the department, presentation of the dissertation at the scientific methodological seminar, experts of the dissertation council, defense of the dissertation in the specialized scientific council for obtaining a scientific degree of the doctor of philosophy in specialty)		

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2.5. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

Acquainted with assessment:

signature of the Head of department

Full name

signature of doctoral student

signature of an expert

Full name

signature of an expert

Full name

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

PLAN APPROVED:

Vice-rector of scientific and educational work

3 year study: 2 semester (half a year)

1. Individual study plan

1.1. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	3				
	Total				

Target figures confirmed:

Actual figures confirmed:

signature of student

signature of student

signature of supervisor

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Work scope	Plan (%)	Actually done (%)
1.	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2.	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)		
4	Formalization of the thesis (printing, preparation of graphic material, abstract and other documents for defense)		
5	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		
6	Defense (preliminary defense of the results of dissertation research at the department, presentation of the dissertation at the scientific methodological seminar, experts of the dissertation council, defense of the dissertation in the specialized scientific council for obtaining a scientific degree of the doctor of philosophy in specialty)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

3. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

Acquainted with assessment:

signature of the Head of department

Full name

signature of doctoral student

signature of an expert

Full name

signature of an expert

Full name

signature of an expert

Full name

signature of supervisor

Full name

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

PLAN APPROVED:

Vice-rector of scientific and educational work

4 year study: 1 semester (half a year)

1. Individual study plan

1.1. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	Total				

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Work scope	Plan (%)	Actually done (%)
1	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)		
4	Formalization of the thesis (printing, preparation of graphic material, abstract and other documents for defense)		
5	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		
6	Defense (preliminary defense of the results of dissertation research at the department, presentation of the dissertation at the scientific methodological seminar, experts of the dissertation council, defense of the dissertation in the specialized scientific council for obtaining a scientific degree of the doctor of philosophy in specialty)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

3.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

4. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

Acquainted with assessment:

signature of the Head of department

Full name

signature of doctoral student

signature of an expert

Full name

signature of an expert

Full name

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

PLAN APPROVED:

Vice-rector of scientific and educational work

4 year study: 2 semester (half a year)

1. Individual study plan

1.1. Assistant teaching practice

Number of hours by plan	Actually completed				
	№	Name of discipline	Type of lessons	Course, group of students	Mark of the head of department
	1				
	2				
	Total				

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

2. Individual plan of scientific work

2.1. Work on the thesis

№	Work scope	Plan (%)	Actually done (%)
1	Theoretical (analysis of the current state of the issue, the formation of general provisions, definitions, the general formulation of the problem)		
2	Experimental (research, analysis and analysis of statistical materials; testing of new estimates in the early stages, etc.)		
3	Applied (development of proposals, methods, algorithms, programs, performance evaluation, etc.)		
4	Formalization of the thesis (printing, preparation of graphic material, abstract and other documents for defense)		
5	Internship at leading foreign and domestic universities (scientific institutions) and enterprises (if necessary)		
6	Defense (preliminary defense of the results of dissertation research at the department, presentation of the dissertation at the scientific methodological seminar, experts of the dissertation council, defense of the dissertation in the specialized scientific council for obtaining a scientific degree of the doctor of philosophy in specialty)		

2.2. Participation in the research work of the university (department)

№	Title of the research work	Source of financing (Ministry of education and science of Ukraine, contract)	Position	Terms of participation (beginning, end)

2.3. Publication of research results

2.3.1. Publication (monographs, textbooks, teaching aids, articles in specialized digests of articles, etc.)

Number by plan	Actually published				
	№	Title*	Volume	Publication output (city, publisher, year and edition number, page)**	Scientific-metric bases **, in which the edition included

* necessary to mention all authors

** in brackets indicate if the journal belongs to the professional editions, if "yes", then for what sciences.

** Scopus, Web of Science Core Collection, and others recommended by the Ministry of education and science of Ukraine

2.3.2. Conferences (abstracts, reports, speeches, discussions at scientific seminars of other departments)

Number by plan	Actually done					
	№	Title	Name and type of event	Volume	Year	Organizer, place

Target figures confirmed:

signature of student

signature of supervisor

Actual figures confirmed:

signature of student

signature of supervisor

5. Assessment of a doctoral student

(Implementation of the plan in various sections, positively or negatively assessed, proposal to extend the training)

Assessment confirmed:

Acquainted with assessment:

signature of the Head of department

Full name

signature of doctoral student

signature of an expert

Full name

signature of an expert

Full name

ASSESSMENT APPROVED:
Vice-rector on scientific and educational work

Results of postgraduate training

Doctoral student _____

(fully executed, partially performed, did not fulfill an individual plan of work)

Scientific research on the topic: _____

(completed, not completed)

Preliminary defense of scientific research was held at the department _____

protocol № _____ from « _____ » _____ 20 ____ . with the recommendation

(to finalize, to the specialized council)

Head of the department _____

(Full name, signature)

« _____ » _____ 20 ____ .

The defense of the dissertation research for obtaining the degree of the doctor of philosophy in the specialty _____

was held at the meeting of the specialized Academic Council _____

(registration number and name of the specialized academic council, location: educational institution, scientific institution)

« _____ » _____ 20 ____ . protocol № _____

Supervisor

(signature)

Head of Postgraduate and doctoral department

(signature)

Vice-rector on scientific and educational work

(signature)

Rector

(signature)

« _____ » _____ 20 ____ .

Rights and duties of doctoral students

Doctoral students have the rights of applicants of higher education, as defined by the Law of Ukraine “On Higher Education”. In order to conduct proper research, graduate students **are also entitled to:**

the free access to all types of open scientific information available in higher educational institutions (scientific institutions), libraries and state archives of Ukraine;

obtaining methodical and substantive scientific counselling on their own research from the supervisor (two supervisors);

safe and harmless conditions for conducting scientific research, providing an appropriately equipped place for scientific work;

the academic mobility, implemented in accordance with the Regulations on the procedure for the implementation of the right to academic mobility, approved by the Cabinet of Ministers of August 12, 2015 No. 579 (Official Journal of Ukraine, 2015, No. 66, Art. 2183);

academic leave, including for health reasons, in connection with pregnancy and childbirth, to care for a child until the child reaches the age of three in accordance with the law;

the change of individual curriculum in coordination with the supervisor in the prescribed manner;

participation in competitions for obtaining grant support for scientific research and scholarships established in honor of outstanding figures of science, education, culture, public figures, and also founded by the President of Ukraine, the Cabinet of Ministers of Ukraine, government or non-government bodies, enterprises, institutions or organizations.

Doctoral students are required to perform all the duties of higher education recipients defined by the Law of Ukraine “On Higher Education”. In order to ensure the proper conduction of scientific research, doctoral students are **also required to:**

comply with the moral and ethical norms and standards of behavior of researchers in the relevant industry (profession) established in KhNUE;

perform an individual plan of scientific work and systematically report on its progress at a meeting of the department;

protect their scientific achievements in the form of a thesis in a specialized academic council;

attend classes and complete all forms of current and final control provided by the individual study plan and educational and scientific program in the speciality regardless of the form of study.

The state of readiness of the dissertation of a doctoral student for defense is determined by the supervisor.

Individual plan of doctoral student

An individual work plan for a doctoral student is obligatory for the applicant’s PhD degree and is used to evaluate the success of the planned work. It consists of an individual curriculum and an individual plan of scientific work, which agreed with the supervisor and approved by the Academic Council of KhNUE within two months from the date of doctoral student’s enrollment.

The educational and scientific programme and curriculum in the speciality is the basis for the formation of the individual curriculum of a doctoral student. A prerequisite for admission to the thesis is the successful implementation of the doctoral student’s individual curriculum.

Doctoral students conduct research according to the individual plan of scientific work, which determines the content, deadlines and volume of scientific work, as well as the planned term of the thesis defense.

Violation of the deadlines for the implementation of the individual work plan of a graduate student (applicant) without valid reasons provided by law, based on the findings of the supervisor’s assessment and the findings of the department, is the basis for adoption by the Academic Council of KhNUE the decision on the dismissal of a graduate student.

Within the period of postgraduate study, a graduate student is obliged to fulfill all the requirements of an educational and scientific program, in particular, to obtain theoretical knowledge, skills, and other competencies sufficient to produce new ideas, to solve complex problems in the field of professional and / or experimental and innovative activity, to master methodology of scientific and pedagogical activity, as well as to conduct own scientific research, the results of which should be scientific novelty, theoretical and / or practical significance, and to defend a thesis.

The logic of filling an individual plan

The process of approving the topic of the thesis precedes the filling out of the individual work plan of the graduate student (applicant). A graduate student (applicant) must submit to the department of postgraduate and doctoral studies a filled in and approved by the supervisor form of substantiation of the dissertation topic along with an extract from the department meeting on the approval of the dissertation topic, which must be discussed and approved by the relevant commission.

1. The graduate student’s individual work plan (“Plan (%)”) is filled at the beginning of each semester (half-year) of the school year in accordance with the educational and scientific program and curriculum for

the preparation of PhD students in the specialty, as well as the planned volume of dissertation research and is approved by the supervisor.

2. The report for each semester (half year) of the academic year in accordance with the approved certification plan is carried out at the profile department, for which a postgraduate student is assigned. By the beginning of the attestation at the department, the graduate student must determine the actual performance indicators of the plan ("Completed (%)"), which are approved by the supervisor. According to the results of the report, the attestation commission of the department gives an opinion on the results of the graduate student attestation ("Attestation of the graduate student (applicant)"), which is approved by: the head of the department, members of the attestation commission, supervisor and vice rector for scientific and pedagogical work.

In addition, according to the results of certification of a postgraduate student at the department, the postgraduate and doctoral studies department is provided with an extract from the minutes of the relevant department meeting indicating the level of implementation of the plan by section and type of work, the graduate student is positively or negatively certified and offers to continue (stop) postgraduate study (or the thesis for the defense of a specialized academic council).

3. The individual work plan of a graduate student is filled in two copies, one of which, after the signature of all responsible persons, is stored in the department of postgraduate and doctoral studies, and the other - in the department during the whole period of study in graduate school.

4. The individual study plan of each semester contains information on mastering the disciplines of the cycle of general education training (the same for graduate students of all specialties), the disciplines of the vocational training cycle (differ for graduate students of all specialties) and the disciplines for the cycle of scientific training of free choice (differ for graduate students of all specialties). The planned and actual workload of a graduate student in the disciplines of each of the three blocks should correspond to the educational and scientific program and curriculum for the preparation of doctors of philosophy in the relevant specialty (specify in the department of postgraduate and doctoral studies).

5. The unit "Assistant teaching practice" includes attending lectures by the supervisor and other teachers, attending and / or conducting seminars, consulting with students, giving lectures to their parts, and other types of teaching practice - in the amount of at least 50 hours with the scientific specialization of the graduate student. The specific content of the pedagogical practice of the graduate student is determined by the department taking into account the experience and the work experience gained by the graduate student at the university, the scientific direction of the research and the immediate tasks of the department. The year of study in which teaching practice is conducted is determined by the supervisor and agreed with the head of the department.

6. The unit "Work on the thesis" includes theoretical, experimental, applied parts, dissertation formalization and defense of the thesis.

For a preliminary review of the results of the dissertation research at the department, no more than 50% of this type of work is given, 30% for the dissertation presentation at a scientific seminar and / or experts of the dissertation council (subject to obtaining a positive expert committee opinion) - 30% for dissertation defense at a specialized academic council for the degree of Doctor of Philosophy in the specialty) - 20%.

7. In section "3.1. Publication" it is obligatory to indicate the scientific metric base, which includes the edition, where certain results of the study are published, and whether the specific edition should be indicated as professional and of which are sciences. The mark of fulfillment applies only if there is a printed edition (or publication on the electronic edition website) of the program (in which the full name of the graduate student and the name of the work are indicated) or a reference from the publisher that the work has been accepted for printing.

8. The "Conferences" section contains information on participation in conferences and seminars, scientific publications covering the approbation of the results of the dissertation research and are mandatory for all graduate students regardless of the year of study. It is necessary to note the theme of the event, its place, and date. The mark of accomplishment applies only if there is a program (in which the full name of the post-graduate student and the name of the work are indicated) or a collection of abstracts.

9. The section "Results of postgraduate training" the doctoral student fills himself upon completion of the period of training in graduate school and submits for approval to the head of the department, research supervisor, head of the postgraduate and doctoral department, vice-rector for scientific and pedagogical work.

Annex 13. Conception of Internal Quality Assurance of Cycle 3 Programs in Simon Kuznets Kharkiv National University of Economics

Ministry of Education and Science of Ukraine
Simon Kuznets Kharkiv National University of Economics



CONCEPTION
of Internal Quality Assurance of Cycle 3 Programs
Simon Kuznets Kharkiv National University of Economics

Kharkiv
2018

1 Quality assurance policy

1.1 The quality assurance policy is formulated based on the development strategy of the University and complies with the mission, goal and objectives of the university.

1.2 The KhNUE mission is formation of a creative, fully developed personality, a true professional for the scientific and practical work in the field of socio-economic activity in order to increase the level and quality of life of people and progressive development of the society.

1.3 The strategic goal of the University is to improve the quality of training of specialists to the level that will provide them with an opportunity to take a decent place in the society and successfully work in a specialty for the development of a society based on a global knowledge economy.

1.4 The concept of Quality Assurance (hereinafter - QA) of Cycle 3 programs at Kharkiv National University of Economics (hereinafter - KhNUE) is based on the Bologna concept of QA and includes:

national legislation and licensing requirements (the Ukrainian Laws 'On Education', 'On Higher Education', Guidelines of the Ministry of Education and Science of Ukraine (hereinafter - MESU), Standards and Guidelines for Quality Assurance in the European Higher Education Area (hereinafter - ESG), Government Decree on License Terms of Educational Activity Provision by Educational Institutions, and other statutory regulations);

the KhNUE level of accreditation (the KhNUE is at accreditation level IV that means it has passed the institutional accreditation to provide Cycle 3 programs and research is an integral part of the KhNUE mission);

compliance with ENQA Standards and Guidelines;

provision of the system of internal quality assurance of educational activities and the KhNUE quality of education, 2016;

relation to the Qualifications Frameworks (the KhNUE Cycle 3 programmes graduates' degree corresponds to third (Educational and Scientific) cycle of QF for EHEA; 8th qualification level of the EQF for LLL; 8th qualification level of the National Qualifications Frameworks of Ukraine);

definition of the KhNUE Cycle 3 programs learning outcomes is in line with the National Qualification Framework and is based on the ability to create new knowledge through research, development of research skills as well as professional skills required for career development, attitudes to the development and dissemination of scientific knowledge, social awareness of the relationship between knowledge development and its impact on the society.

involvement of stakeholders (while cooperation between higher education institutions and employers is not formally regulated in Ukraine, the KhNUE organizes internship at private or public companies for students in order to gain experience through doing a consulting project assignment at their internship placement. Transferable skills training is a vital part of the internship program.

2 Development and approval of Cycle 3 programmes

2.1 The doctoral studies are conducted in accordance with the Legislation of Ukraine and Salzburg Principles, which characterize the role of research and doctoral programmes in the framework of the Bologna process.

2.2 The doctoral educational programmes are developed in accordance with the National Qualifications Framework and the European Qualifications Framework.

2.3 For doctoral educational programme development, the working groups are formed, which include leading professors, employers and PhD students.

Educational programmes are discussed at the working groups meetings and approved by the University Academic Council.

2.4 The doctoral studies last four years and a research project is submitted for review and defence before the award of PhD. Students also undertake further research skills training and in-depth subject training during Years 2-4 of the programme. To enroll in a doctoral program, the student must have completed **40 ECTS**, among them 3 courses are aimed at the development of the following transferable competences:

mastery of generic research competences, aimed at forming a system of scientific philosophy, ethics and general cultural overview, etc. (5 ECTS);

acquiring cross-disciplinary research skills, including oral and written presentation of the research findings in the Ukrainian language, the application of advanced information technology in research activity, organizing and conducting training sessions, research projects management, etc. (16 ECTS);

extensive transferable competences of a researcher, including oral and written presentation of the research findings in the Ukrainian language, the application of advanced information technology in research activity, organizing and conducting training sessions, research projects management, etc. (16 ECTS);

gaining foreign language proficiency in presenting and discussing the research findings (English or another language according to the specialty) in the oral and written form, as well as comprehension of foreign scientific resources within the relevant specialty (10 ECTS).

PhD cycle curriculum also includes 25% of electives.

Students' progress is assessed through the examinations carried out according to the requirements of ECTS.

2.5 Doctoral educational programmes describe aims, learning outcomes and assessment methods. Each educational programme is carried out on the basis of a set of e-learning components.

2.6 The curricula of the educational programmes in doctoral specialties are coordinated with employers and approved by the University Rector.

2.7 Approval of the topic of a PhD thesis consists of the following parts:

departmental approval. A PhD student is assigned to a department at which his/her advisor works. The topic of the student's PhD thesis is approved at the department meeting;

the Committee for the PhD theses topics approval;

the University Academic Council approval by means of open discussion and voting.

2.8 The PhD research findings are required to be published in scientific journals as well as to be reported at scientific conferences.

2.9 The structure and contents of the PhD thesis comply with the relevant regulatory documents.

3 Student-centered learning, teaching and assessment

3.1 PhD students are actively involved in the programme design and quality assurance procedures at KhNUE.

3.2 The possibility of the individual educational trajectory planning is provided for students.

3.3 PhD students are provided with a reference guide, which reflects the University academic policy, rights and duties of PhD students, progress assessment methods and PhD students appraisal.

3.4 PhD students' individual learning and research programmes are discussed at the Department meeting, agreed with the Department of Postgraduate Education and approved by the Vice-Rector in Research.

3.5 PhD students' feedback is obtained through anonymous questionnaires, information is analyzed at various levels of the University (supervisor - department - Vice-rector - Rector), after which appropriate decisions are made.

4 Student admission, performance, recognition and certification

4.1 Enrollment of doctoral students is carried out by the University Admission Committee.

4.2 Masters and Specialists are admitted for doctoral studies.

4.3 The KhNUE PhD Programme Admission Regulations, established annually, determine the required documents and entrance examination dates.

4.4 The entrance examinations include:

examination in the specialty. The examination committee in the specialty is formed from the university staff with a scientific degree in the relevant specialty. The entrance examination in the specialty is conducted in the form of a written exam.

entrance examination in a foreign language (English, German, French at B2 Level of Common European Framework of Reference for Languages). Enrollees with TOEFL, International English Language Testing System or Cambridge English Language certificates are exempt from the entrance examination.

4.5 The enrollee's rating and previous research findings are taken into account by the University Admission Committee.

4.6 Unsuccessful enrollees are able to retake exams the next academic year.

4.7 Doctoral students are obliged to timely and efficiently perform all activities within the individual learning and research programme.

4.8 Training in doctoral educational programmes is conducted full-time or part-time.

4.9 The learning and research programme of a postgraduate student covers 8 semesters (2 semesters in one academic year), each consisting of two parts: individual research programme and individual learning programme, developed on the basis of the doctoral studies curriculum and Cycle 3 PhD training programme relevant to the selected specialty.

4.10 Cycle 3 PhD training programme consists of 40 ECTS and distinguishes the sequence of their mastery, educational activity types and forms, number of academic hours as well as assessment forms and terms.

4.11 The University Academic Council approves the Cycle 3 PhD training programme and the number of academic hours, which are put into effect by the

Decree of the University Rector on the annual basis.

4.12. Cycle 3 PhD training programme in every specialty comprises 3-cycle disciplines: generic disciplines cycle (compulsory for PhD students in all specialties), professional disciplines cycle (compulsory for PhD students in a selected specialty) and elective professional disciplines cycle (minimum 25% of the ECTS amount).

4.13 In 1-3 study years, PhD students are able to study optional (extracurricular) disciplines approved by the supervisor (maximum 10 ECTS a semester).

4.14 ECTS are recognized under the right for academic mobility.

4.15 Full-time PhD student's individual learning and research programme includes minimum compulsory 50-hour teaching practice in 1-4 study years.

4.16 PhD student's research programme presupposes individual research project under the supervision of one or more scientific advisors and the research findings are presented in the thesis.

4.17 Intermediate PhD students' appraisal is a procedure conducted to assess the quality of students' mastery of the academic disciplines upon completion in the form of an exam.

4.18 PhD students' appraisal is conducted in the form of research findings presentation and their discussion at the department meeting.

4.19 PhD students' final / state appraisal is conducted by the specialized Academic Council for thesis defense.

5 Teaching staff

5.1 The scientific supervisor is appointed by the University Academic Council from the leading scientific and scientific-pedagogical staff. The number of PhD students is also approved and should not exceed: 3 PhD students per one Candidate of Sciences, 5 PhD students per one Doctor of Sciences.

5.2 After the PhD student selects a multidisciplinary research topic, two scientific supervisors from the relevant branches of science (academic hours and responsibilities are shared between them) may be appointed by the University Academic Council.

5.3 The University Academic Council must conduct annual review of the effectiveness of the scientific supervisors' work and decide whether to reappoint them or deprive them of the right for PhD students' scientific counseling for the next academic year.

5.4 The PhD student is able to be assigned to another supervisor in case of changing the thesis field of research, dismissal of the appointed scientific supervisor and for other valid reasons.

6. Monitoring and improvement of Cycle 3 programmes

6.1 The Academic Council annually approves the plan for the monitoring and self-assessment of PhD Programmes in order to check the effectiveness of Programme management by comparing the established objectives with the obtained results as well as to identify the reasons for any unsatisfactory results and plan the relevant improvements.

6.2 The planning of the monitoring activities includes:
the number of academic hours;
proposed methodologies, explanatory notes and guidelines for using the support tools provided by the University.

6.3 The University also makes documentary support available, which can be used to monitor and analyse the components of the PhD programmes (e.g. the opinions of students and graduates, the number of students enrolled/registered, the number of credits obtained by students in a given period, the number of students who graduate on time, the employment status of graduates).

6.4 The improvement of Cycle 3 programmes may concern:
the content of a PhD programme and its relevance to modern demand and current scientific achievements in the relevant study field;
changes of social needs;
PhD students expectations, needs and satisfaction.

6.5. Updated Cycle 3 programmes must be approved by the University Academic Council and put into effect by the Rector's order.

6.6. Updated Cycle 3 programmes are annually published on the official University website.

Annex 14. Survey of the level of satisfaction / dissatisfaction of doctoral students with the quality of educational process and scientific activity

Dear postgraduate student!

In order to ensure the proper quality of educational and scientific programs for the preparation of candidates for the PhD degree, we ask you to answer the anonymous questionnaire (the name and first name should not be indicated).

The aim of the survey is to determine the level of your satisfaction with the learning process and the quality of training (the educational component) of applicants at the PhD school of KhNUE. The survey results will help us to improve the quality of education and the organization of PhD training.

The questionnaire contains two blocks:

In the 1st block, please read carefully the questions and evaluate the relevant parameters (criteria for the quality of teaching academic disciplines) regarding those academic disciplines (UD) taught during the 1st semester of the 1st year of your PhD study, choosing the suitable value from the drop-down fields;

The 2nd block contains two open questions, the answers to which you have to write yourself

Try to give the most objective descriptions of the quality of teaching.
Please specify the specialty in which you are trained at PhD level

How often do you think you attended classes in the following disciplines?

Name of discipline

Name of discipline

Name of discipline

- all classes;
- most of classes;
- half the classes;
- less part of the classes (rarely)
- almost did not attend classes.

Academic discipline	General mandatory discipline	Professional mandatory discipline	Professional discipline by choice
Questions	<i>Name of discipline</i>	<i>Name of discipline</i>	<i>Name of discipline</i>
<p>If you evaluate the quality of teaching the academic discipline, how satisfied are you?</p>	<ul style="list-style-type: none"> ○ fully satisfied ○ more than satisfied ○ rather satisfied than disappointed <ul style="list-style-type: none"> ▪ many reasons to be dissatisfied ▪ very much (almost all) is not satisfied <p>or choose a value between 1 and 10, where 1 is the lowest and 10 is the highest</p> <p>or on a scale of one to ten (1-10)</p>		
<p>Do you think studying the discipline helped to broaden and deepen your knowledge in a subject of doctoral thesis?</p>	<ul style="list-style-type: none"> ○ I think studying all topics of this discipline helped to broaden and deepen my knowledge ○ I think studying most topics of this discipline helped to broaden and deepen my knowledge ○ I think studying topics of this discipline slightly helped to broaden and deepen my knowledge ○ I think studying this discipline didn't help to broaden and deepen my knowledge 		
<p>What do you think how current trends and global experience of science and technology development which published in specialized scientific journals and international scientific journals were highlighted in the discipline topics?</p>	<ul style="list-style-type: none"> ○ current trends have been highlighted in almost all topics ○ current trends have been highlighted in most topics ○ current trends have been highlighted rarely ○ current trends have hardly been considered ○ all information was relevant ○ sometimes information was outdated ○ information was very often outdated ○ outdated information was in almost all topics 		
<p>Did you carry out research tasks (individual, collective) with the presentation of your findings to the audience?</p>	<ul style="list-style-type: none"> ○ while studying discipline we performed a sufficient number of research tasks ○ while studying discipline we performed an insufficient number of research tasks ○ while studying discipline we performed no research tasks 		
<p>Do you think were the materials of the discipline presented in full (by content)?</p>	<ul style="list-style-type: none"> ○ Materials of the discipline were presented in full ○ Materials of the discipline were presented more or less fully, but it was desirable to study some more important points. ○ Materials of the discipline were not fully presented and there was still a lot to learn. ○ Materials of the discipline did not fully comply with the name of the discipline and did not take into account the specifics of the training for postgraduate students 		

Academic discipline	General mandatory discipline	Professional mandatory discipline	Professional discipline by choice
Questions	<i>Name of discipline</i>	<i>Name of discipline</i>	<i>Name of discipline</i>
What do you think were the materials of the discipline presented consistently and logically?	<ul style="list-style-type: none"> ○ Materials of the discipline were presented consistently and logically ○ Materials of the discipline were presented to a greater extent consistently and logically ○ Materials of the discipline were presented to a greater extent non-consistently and non-logical 		
What do you think were the lectures and practical (laboratory, seminar) classes connected logically?	<ul style="list-style-type: none"> ○ all lectures and practical (laboratory, seminar) classes were logically interrelated ○ most lectures and practical (laboratory, seminar) classes were logically interrelated ○ only part lectures and practical (laboratory, seminar) classes were logically interrelated ○ most lectures and practical (laboratory, seminar) classes were logically not interrelated 		
If you evaluate time within the classroom how effective was it used?	<ul style="list-style-type: none"> ○ I think all the time within the classroom was spent effectively (both in lectures, practical work, laboratory work, seminars) ○ I think at lectures we used our time more efficiently and less effective during practical, laboratory, seminar classes ○ I think in practical, laboratory, seminar classes we used our time more efficiently and less effective during lectures ○ I think all class time was used more inefficiently (both in lectures, and practical work, laboratory work, seminars) 		

Academic discipline	General mandatory discipline	Professional mandatory discipline	Professional discipline by choice
Questions	<i>Name of discipline</i>	<i>Name of discipline</i>	<i>Name of discipline</i>
Do you consider the optimal time to master the disciplines for the preparation of graduate students in your specialty?	<ul style="list-style-type: none"> ○ I think that the current period of study is optimal ○ I think we have to increase the period of study with additional time for lectures ○ I think we have to increase the period of study with additional time for practical work, laboratory work, and seminar classes ○ I think we have to increase the period of study with additional time for lectures, practical work, laboratory work, and seminar classes ○ I think we have to decrease the period of study by shortening time for lectures ○ I think we have to decrease the period of study by shortening time for practical work, laboratory work, and seminar classes ○ I think we have to decrease the period of study by shortening time for lectures, practical work, laboratory work, and seminar classes 		
What schedule for this discipline do you think the optimal in curriculum for PhD students in your specialty?	<ul style="list-style-type: none"> ○ We study this discipline at the appropriate time (semester) ○ I think we have to study this discipline earlier (during master program) ○ I think we have to study this discipline later (at 2nd year PhD program) ○ I think we have to study this discipline later (at 3rd year PhD program) 		
Please evaluate how satisfied you are with the organization of monitoring and evaluating learning outcomes	<ul style="list-style-type: none"> ○ fully satisfied ○ more satisfied than dissatisfied ○ satisfied and dissatisfied by equally ○ more dissatisfied than satisfied ○ totally dissatisfied / disappointed 		

Academic discipline	General mandatory discipline	Professional mandatory discipline	Professional discipline by choice
Questions	<i>Name of discipline</i>	<i>Name of discipline</i>	<i>Name of discipline</i>
Please evaluate the methodological support for the discipline (e.g. guidelines, handouts, published and electronic versions, their number)	<ul style="list-style-type: none"> ○ lecturer (s) provided sufficient methodological support to master the discipline ○ lecturer (s) provided full methodological support on key topics and list of sources necessary for mastering the other topics ○ lecturer (s) rarely provided methodological support on key topics while providing a list of sources necessary for mastering the discipline ○ lecturer (s) didn't provide methodological support for the discipline while providing a list of main sources necessary for mastering the discipline ○ lecturer (s) didn't provide methodological support for the discipline, neither a list of main sources necessary for mastering the discipline 		
Did you use electronic materials posted on Learning Machine System (Personal Educational System) website or on Science Section: Postgraduate School of KhNUE official site while mastering the discipline?	<ul style="list-style-type: none"> ○ We didn't use it because of methodological material was fully provided by the lecturers ○ We did not use it because we did not know about this possibility. ○ We had such a need, but the necessary materials were missing on Personal Educational System website ○ We had such a need, but the necessary materials were missing on Science Section: Postgraduate School of KhNUE official site ○ We used educational electronic materials on Personal Educational System website ○ We used educational electronic materials in Science Section: Postgraduate School of KhNUE official site 		
Did you feel ready for further dialogue at classes (during consultations) from the teacher (s) to help you understand (to sort out) some issues in the field of your thesis research?	<ul style="list-style-type: none"> ○ Lecturer always was ready to help and explain difficult to understand moments ○ Lecturer sometimes was ready to help and explain difficult to understand moments ○ Lecturer often didn't have enough time to explain difficult to understand moments ○ Lecturer didn't want to go into details and explain difficult to understand moments 		

Academic discipline	General mandatory discipline	Professional mandatory discipline	Professional discipline by choice
Questions	<i>Name of discipline</i>	<i>Name of discipline</i>	<i>Name of discipline</i>
Were the modern teaching methods of enhancing the learning process (such as scientific and thematic discussions, brainstorming, case-based methods, etc.) used within learning process?	<ul style="list-style-type: none"> ○ methods of enhancing the learning process (scientific and thematic discussions, brainstorming, case methods, etc.) were used often ○ methods of enhancing the learning process (scientific and thematic discussions, brainstorming, case methods, etc.) were rarely used ○ methods of enhancing the learning process were not used at all 		
Do you plan to continue to study on this discipline by yourself because of necessity and usefulness of such knowledge for your further thesis research or your further pedagogical activity?	<ul style="list-style-type: none"> ○ Yes, I plan because of necessity and usefulness of such knowledge for my thesis; ○ Yes, I plan because of necessity and usefulness of such knowledge for my further pedagogical activity; ○ Yes, I plan because of necessity and usefulness of such knowledge for my thesis as well as for my further pedagogical activity ○ At the moment I do not see any need for further self-study of materials in this discipline ○ I am sure there is no need for further self study of materials in this discipline 		

Most of all I liked..... / What discipline was your best academic experience?

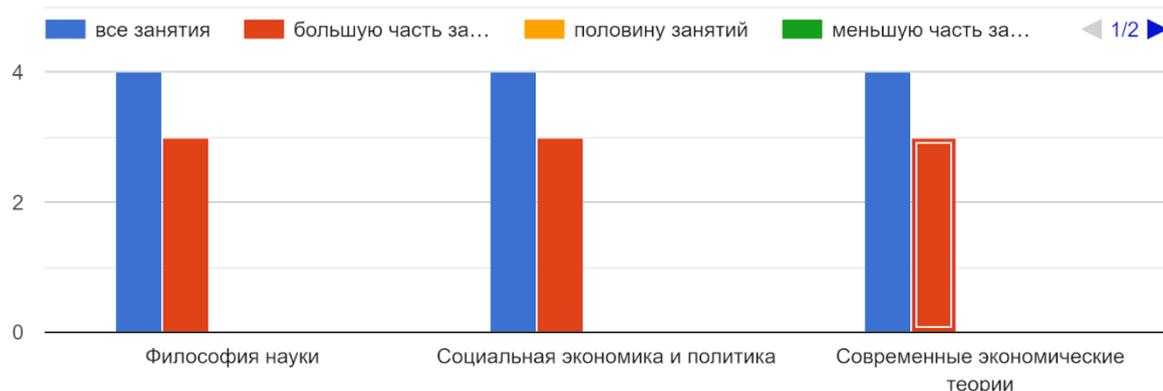
I would like to make a few tips about courses for future.../ If you could change future disciplines, what would it be?

Thank you for cooperation!!!

Annex 15. Results of the survey of the level of satisfaction / dissatisfaction of doctoral students with the quality of educational process and scientific activity (for the doctoral programme "Economics")

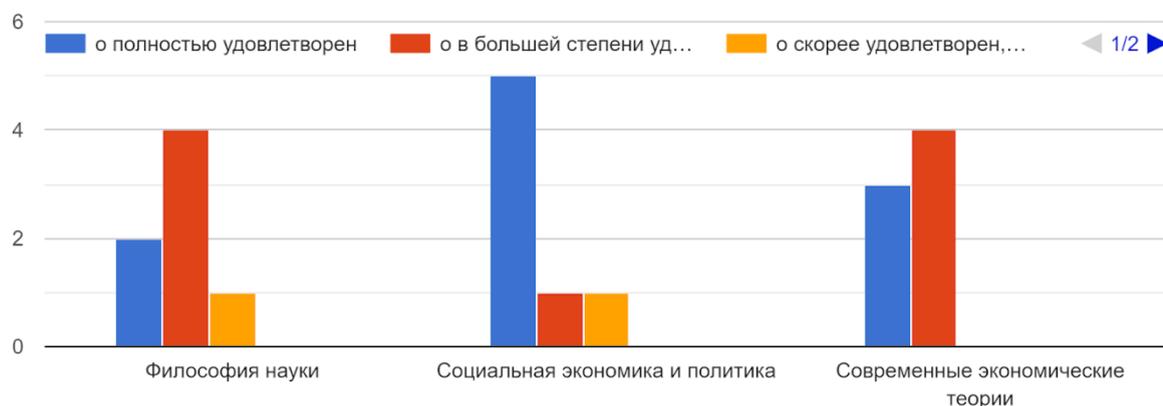
How often do you think you attended classes in the following disciplines?

Как часто, по вашему мнению, Вы посещали занятия по:



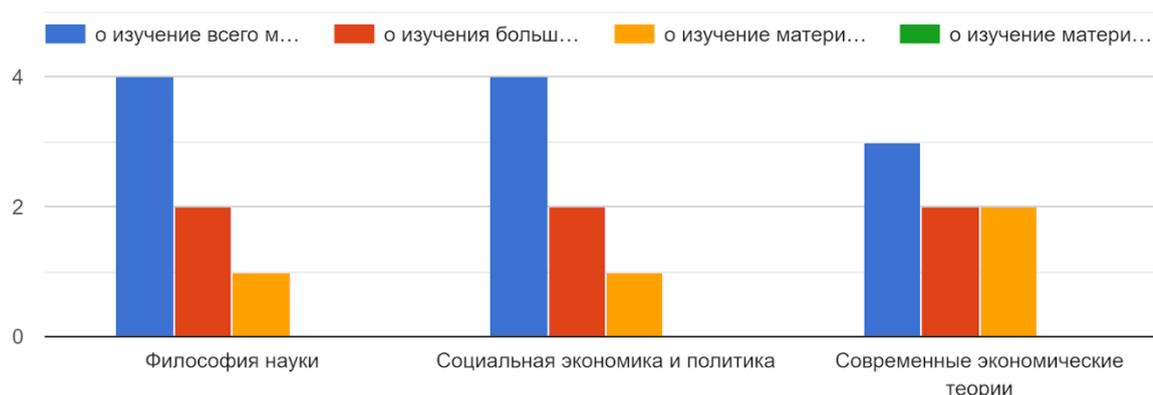
If you evaluate the quality of teaching the academic discipline, how satisfied are you?

Насколько Вы в целом удовлетворены качеством (уровнем) преподавания учебной дисциплины (УД)?



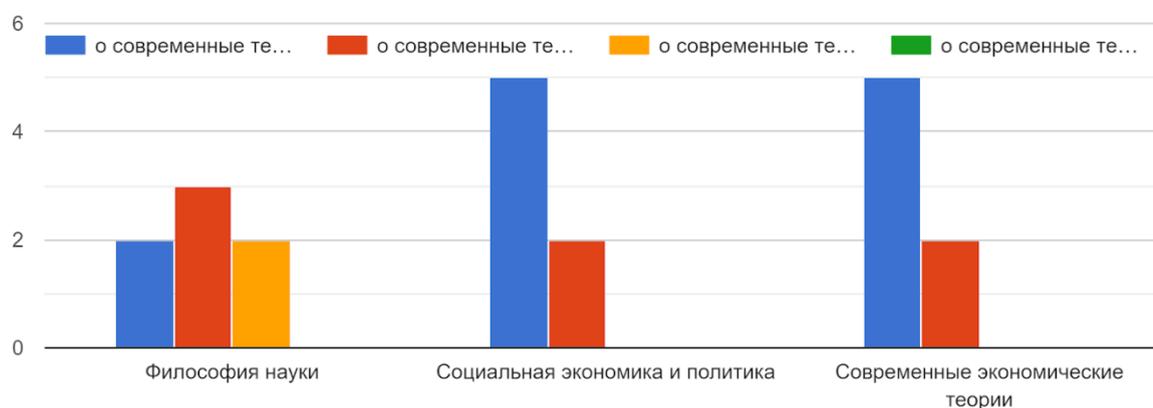
Do you think studying the discipline helped to broaden and deepen your knowledge in a subject of doctoral thesis?

Как Вы считаете, освоенный в рамках УД материал способствовал расширению и углублению Ваших зн... диссертационного исследования?



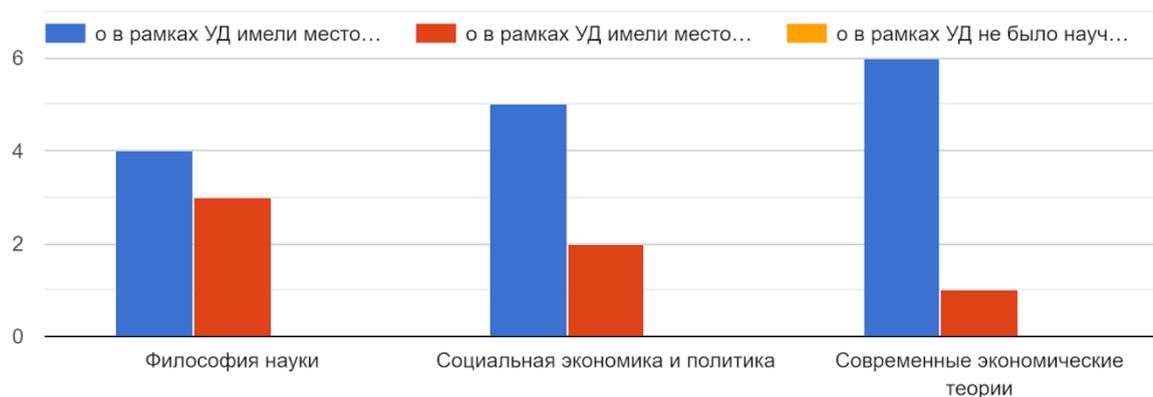
What do you think how current trends and global experience of science and technology development which published in specialized scientific journals and international scientific journals were highlighted in the discipline topics?

По Вашему мнению, были ли освещены в рамках УД современные тенденции и мировой опыт развити...ях и зарубежных научных изданиях



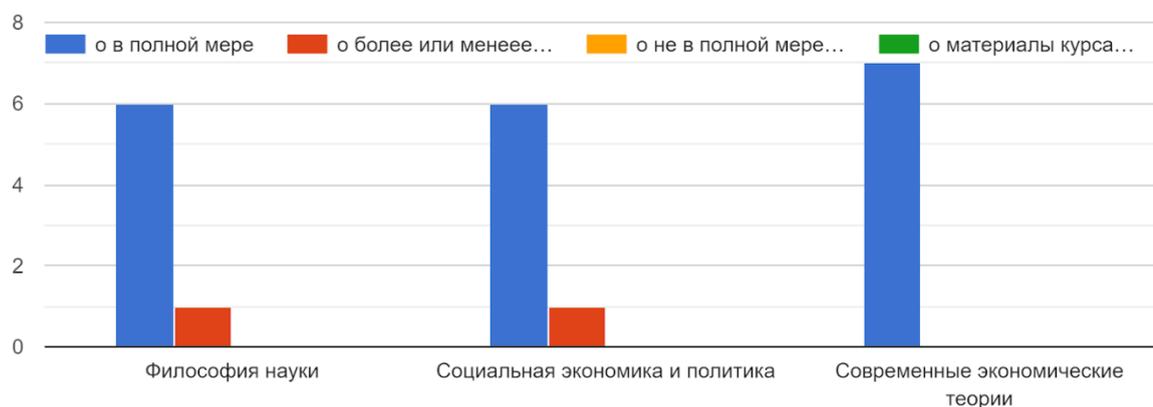
Did you carry out research tasks (individual, collective) with the presentation of your findings to the audience?

Имели ли место в рамках УД научно-исследовательские задания (индивидуальные, коллективные) с ...атов перед аудиторией слушателей



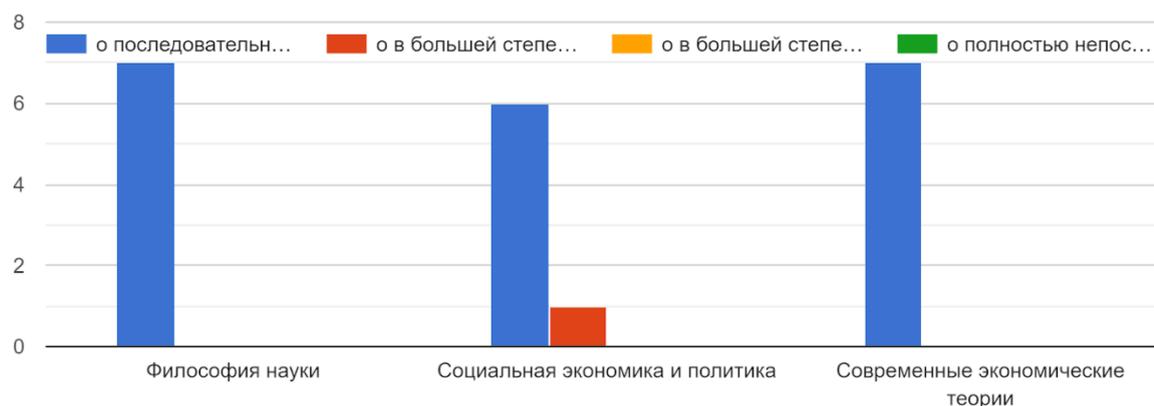
Do you think were the materials of the discipline presented in full (by content)?

По Вашему мнению, материалы УД были изложены в полной мере (по содержанию)?



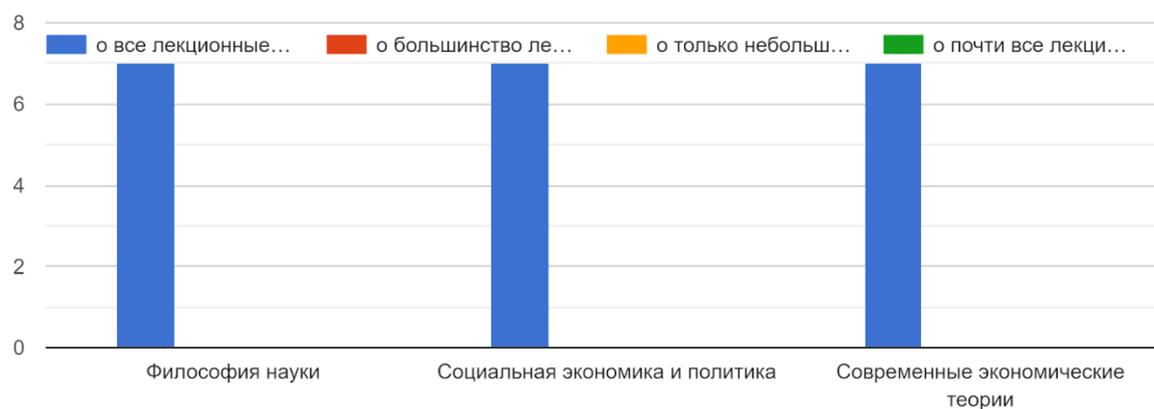
What do you think were the materials of the discipline presented consistently and logically?

По Вашему мнению, материалы УД были изложены последовательно и логично?



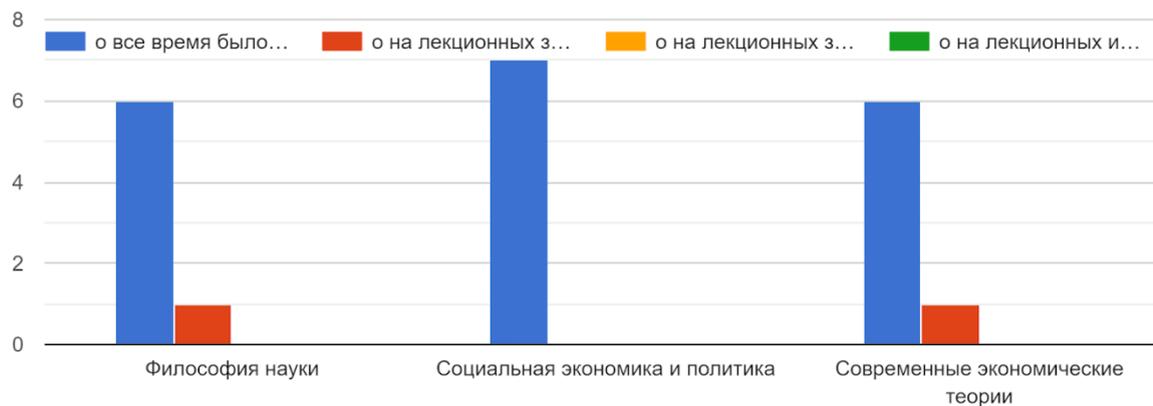
What do you think were the lectures and practical (laboratory, seminar) classes connected logically?

По Вашему мнению, были ли связаны логически лекционные и практические (лабораторные, семинарские) занятия в рамках УД?



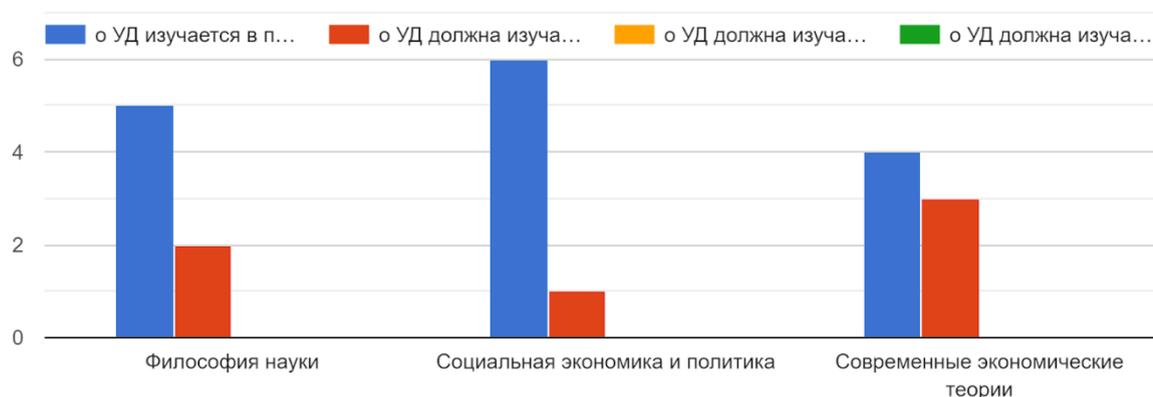
If you evaluate time within the classroom how effective was it used?

Считаете ли Вы, что имело место эффективное использование времени в рамках аудиторных занятий?



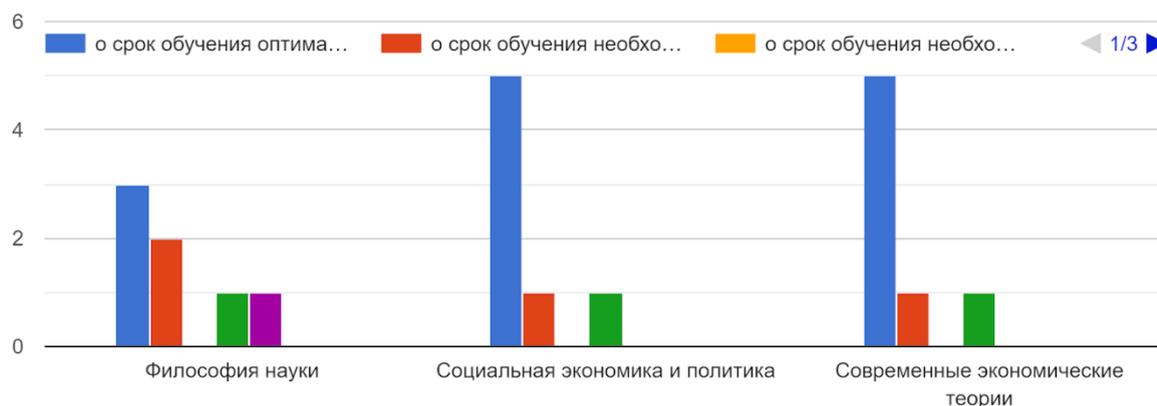
Do you consider the optimal time to master the disciplines for the preparation of graduate students in your specialty?

Считаете ли Вы оптимальным место УД в учебном плане подготовки аспирантов по Вашей специальности?



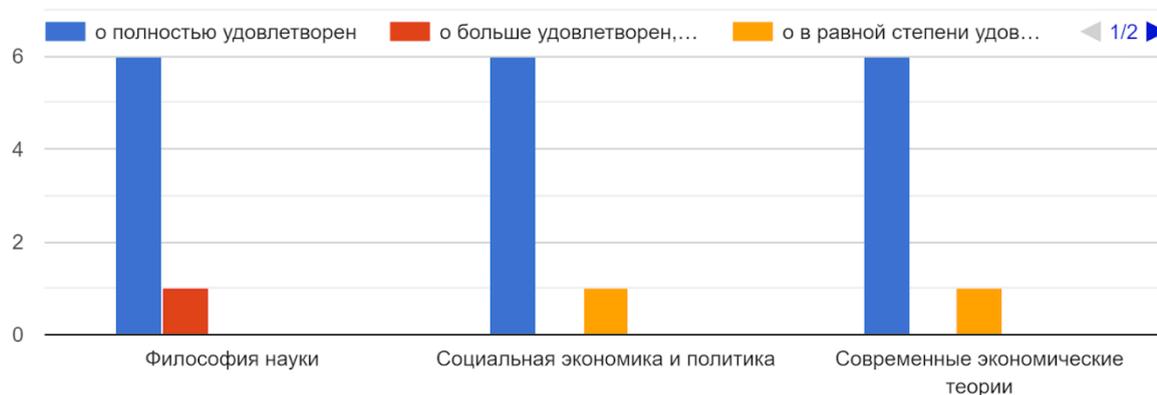
What schedule for this discipline do you think the optimal in curriculum for PhD students in your specialty?

Считаете ли Вы оптимальным срок освоения УД для подготовки аспирантов по Вашей специальности?



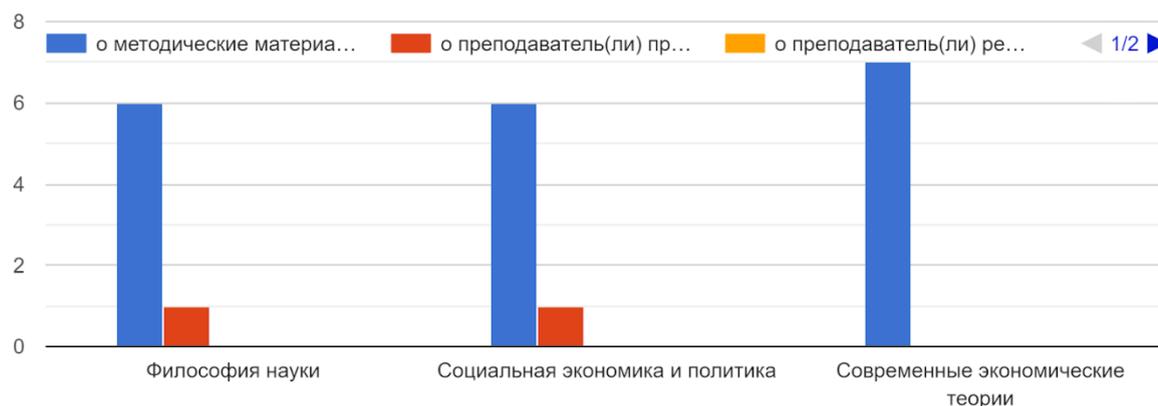
Please evaluate how satisfied you are with the organization of monitoring and evaluating learning outcomes

Оцените, насколько Вы удовлетворены организацией контроля и оценки результатов обучения



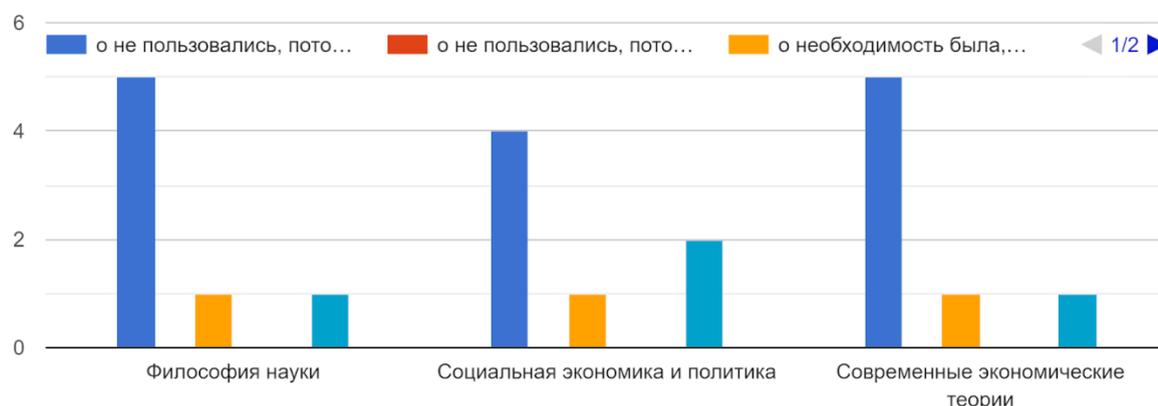
Please evaluate the methodological support for the discipline (e.g. guidelines, handouts, published and electronic versions, their number)

Оцените уровень методического обеспечения дисциплины (методические рекомендации, разд...электронные версии, их количество)



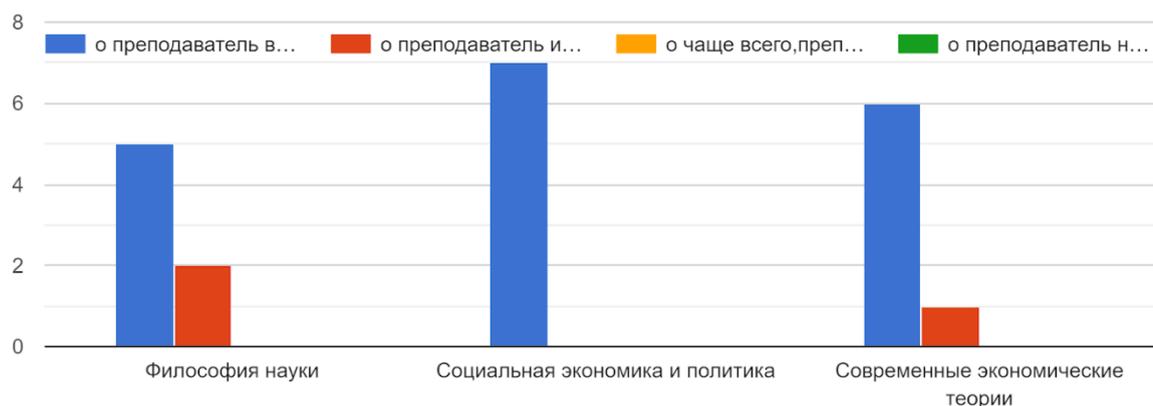
Did you use electronic materials posted on Learning Machine System (Personal Educational System) website or on Science Section: Postgraduate School of KhNUE official site while mastering the discipline?

Осваивая УД, Вы пользовались электронными материалами, размещенными на сайте ПОС нашего...ЕУ в разделе Наука: Аспирантура



Did you feel ready for further dialogue at classes (during consultations) from the teacher (s) to help you understand (to sort out) some issues in the field of your thesis research?

Ощущали ли Вы на занятиях со стороны преподавателя(ей) готовность к дальнейшему диалогу...о диссертационного исследования?



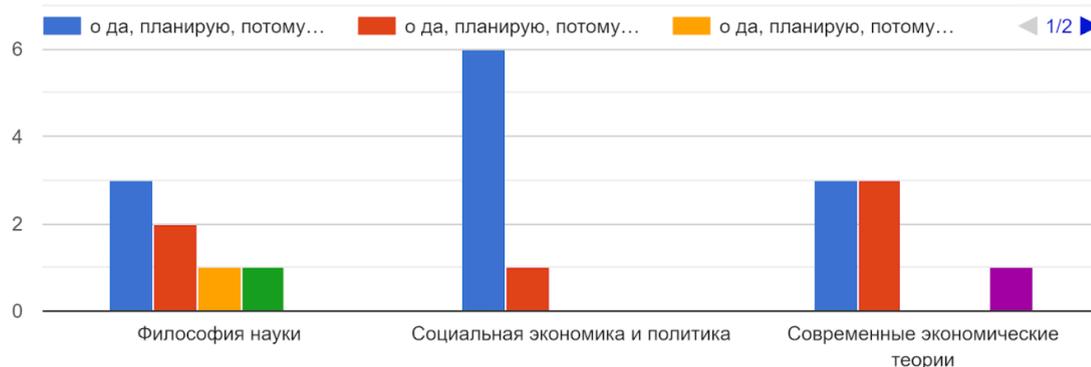
Were the modern teaching methods of enhancing the learning process (such as scientific and thematic discussions, brainstorming, case-based methods, etc.) used within learning process?

Были ли использованы в процессе преподавания УД современные методы активации процесса обучения...говые атаки, кейс-методы и т.д.)



Do you plan to continue to study on this discipline by yourself because of necessity and usefulness of such knowledge for your further thesis research or your further pedagogical activity?

Планируете ли Вы в дальнейшем самостоятельно интересоваться материалом по этой дисциплине, та... или педагогической деятельности?



Most of all I liked..... / What discipline was your best academic experience?

- I liked the discussions between postgraduate students, the implementation of individual tasks related to the dissertation research.
- Discussion lessons, cases, discussions, discussion of key concepts and current trends.
- It is amazing, but for me it was extremely new, useful and interesting. Philosophy of science, the subject should be studied at the level of even the lower levels of baccalaureate or at school, since This is a fundamental subject for understanding science and many aspects of the world. According to modern economic theories, much was familiar, the subject should also be studied earlier and deeper. The social economy gave little new and interesting, but the subject of the others was practical for the dissertation.

I would like to make a few tips about courses for future.../ If you could change future disciplines, what would it be?

I would like to pay more attention to dissertation research in the classroom, in particular to create presentations and other individual tasks.

Suggestions were given as responses to tests. Less control, planning: science should flow freely, and not according to a strict plan, as it is a more creative process. Couples in the schedule even closer to the evening or in the morning, and not in the middle of the day, if the state gives the right to work, makes demands as to all, but does not give the same opportunities. The study itself, the teaching, the subjects, the knowledge given is very, very good (mainly due to the good level and enthusiasm of the teachers), but the organization and requirements provide an opportunity to study in graduate school with pleasure, but I think it can be even better.

Annex 16. Data on resource provision of Cycle 3 programme "Economics"

Annex 16 a. Equipment and software of specialized computer laboratories which ensure implementation of the curriculum in the specialty 051 Economics

Name of the computer lab, its area	Name of the discipline	Model and brand of personal computers, number of PC	Name of application packages (including licensed ones)	Internet access, availability of access channels (yes / no)
Laboratory OЦ-5 (56 м)	Mathematical methods, models and information technologies in scientific researches	«R-LINE»:processor Intel Celeron 6530 2.4/2M, motherboard LGA1155, memory module DDR 2048Mb drive. HDD 250GB Seagate; kit Genius KB C100 Software Win Starter 7 SP1 32-bit Rus Number of PC: 22	MS Office 2010 Standard, Vensim, MatLab, EViews, Maple, ExpertChoice, TreePlan, DecisionGrid, TurboProlog, Simulink, MS Sharepoint Team Services, Statistica (30)	yes
Laboratory OЦ-5 (56 м)	Methodology and organization of scientific research	«R-LINE»:processor Intel Celeron 6530 2.4/2M, motherboard LGA1155,memory module DDR 2048Mb drive. HDD 250GB Seagate; kit Genius KB C100. Software Win Starter 7 SP1 32-bit Rus Number of PC: 22	MS Office 2010 Standard, Vensim, MatLab, EViews, Maple, ExpertChoice, TreePlan, DecisionGrid, TurboProlog, Simulink, MS Sharepoint Team Services, Statistica (30)	yes
Laboratory OЦ-5 (56 м)	Analysis of social and economic data	«R-LINE»: processor Intel Celeron 6530 2.4/2M, motherboard LGA1155,memory module DDR 2048Mb drive. HDD 250GB Seagate; kit Genius KB C100. Software Win Starter 7 SP1 32-bit Rus Number of PC: 22	MS Office 2010 Standard, Vensim, MatLab, EViews, Maple, ExpertChoice, TreePlan, DecisionGrid, TurboProlog, Simulink, MS Sharepoint Team Services, Statistica (30)	yes
Computing Center №3, (105 м)	Methods and models of quantitative economics	R-LINE CELERON E3400,LGA775ASUS DDR3 2 GB, drive 250GB, Number of PC: 24	ППП Statistica 8.1	yes
Computing Center №3, (105 м)	Intelligent methods of processing socio-economic information	R-LINE CELERON E3400 LGA775ASUS DDR3 2 GB drive 250GB, Number of PC:24	ППП Statistica 8.1, Matlab	yes
Computing Center №3, (105 м)	Innovative development of the enterprise	R-LINE CELERON E3400 LGA775ASUS DDR3 2 GB drive250GB, Number of PC: 24	Microsoft Office Excel, Microsoft WordMicrosoft Project, Statistica	yes
Computing Center №3, (105 м)	Management of innovative development	R-LINE CELERON E3400 LGA775ASUS DDR3 2 GB drive250GB Number of PC: 24	Microsoft Office Excel, Microsoft WordMicrosoft Project, Statistica	yes

Annex 16 b. Comparative table of compliance with personnel and technological requirements for material, technical, educational, methodological and informational support of educational activities in higher education in the specialty 051 Economics (3d educational level)

Name of indicator	Indicator Value (Normative) *	Actual value of the indicator	Deviation of the actual value of the indicator from the normative
1	2	3	4
Staff			
1. The presence in the educational institution of a unit or department responsible for the preparation of applicants for higher education	+	+	-
2. The presence of a unit or department responsible for the preparation of applicants for higher education, a temporary working group (project team) with scientific and teaching staff responsible for the preparation of applicants for higher education in a particular specialty	three persons with a degree and academic rank, at least two of them are doctors of science	Nazarova G.V., DSc, professor Iastremska O.M. DSc, professor, Pushkar O.I., DSc, professor	-
3. The presence of the head of the project team (the guarantor of the educational program):			
- academic degree and academic rank in the relevant or related specialty	+	+	-
- experience of scientific, pedagogical and / or scientific work for at least 10 years	+	+	-
4. Lectures on the disciplines of scientific and pedagogical (scientific) employees of the relevant specialty at the main place of work (minimum percentage of hours determined by the curriculum):			
- who have a degree and / or academic rank	80	100	+20
- who have a degree of Doctor of Science and academic rank	50	84	+34
5. Lectures on disciplines that ensure the formation of professional competencies, scientific and pedagogical (scientific) workers who are professionals with experience in the specialty (the minimum percentage of hours specified in the curriculum):			
- research, management, innovation or creative work on speciality	50	100	+50

1	2	3	4
6. The presence of a graduating department of special (professional) training, which is headed by a specialist of the relevant or related scientific and pedagogical specialty:			
- who have a degree of Doctor of Science and academic rank	+	+	-
7. Availability of employment contracts (contracts) with all scientific and pedagogical workers and / or orders to accept them to work	+	+	-
Material and technical support of educational activities			
1. Provision of rooms for training sessions and control activities (sq. meters per person for the actual student population and the declared volume)	2,4	3,93	+1,53
2. Provision of multimedia equipment for simultaneous use in classrooms (minimum percentage of the number of classrooms)	30	48	+18
3. Availability of social infrastructure:			
- libraries, including a reading room	+	+	-
- medical point	+	+	-
4. Provision of higher education students with a hostel (minimum percentage of needs)	70	100	+30
5. Availability of computer workstations, laboratories, polygons, equipment necessary for the implementation of curricula	+	+	-
Educational and methodological support of educational activity			
1. Availability of educational program description	+	+	-
2. Availability of a curriculum and an explanatory note to it	+	+	-
3. Availability of work program for each discipline of curriculum	+	+	-
4. Availability of a complex of teaching and methodological support for each educational discipline of the curriculum	+	+	-
5. The presence of practical training programs, work programs practices	+	+	-
6. Provision of students with educational materials for each academic discipline of the curriculum	+	+	-
7. Availability of teaching materials for the certification of applicants	+	+	-

1	2	3	4
Information support of educational activities			
1. Availability of the library with domestic and foreign professional periodicals of the relevant or related profile, including in electronic form	no less than 6 items	71	+65
2. Availability of access to the databases of periodical scientific publications in English of the relevant or related profile (it is allowed to share the bases by several educational institutions)	+	+	-
3. Availability of the official website of the educational institution that hosts the main information on its activities (structure, licenses and certificates of accreditation, educational / scientific / publishing / certification (scientific personnel) activities, educational and scientific structural units and their composition, list of academic disciplines, admission rules, contact information)	+	+	-
4. Availability of an electronic resource of an educational institution that contains educational materials on curriculum disciplines, including in the distance learning system (the minimum percentage of academic disciplines)	30	100	+70

Annex 17. List of foreign conferences in which PhD students of KhNUE participated for the period of 2015-2018

Cutting-Edge Science-2015 : Materials of the XI International Scientific and Practical Conference (Sheffield, April 30 - May 7, 2015.). – Sheffield : Science and Education Ltd, 2015

Europejska nauka XXI powieka - 2015 : materialy XI Miedzynarodowej naukowo-praktycznej konferencji (Przemysl, 07-15 maja 2015 roku). – Przemysl : Nauka I studia, 2015. – Volume 5: Ekonomiczne nauki.

XI Международна научна практична конференция (г.София, 17–25-ти май 2015.). –София : Бял ГРАД-БГ, 2015.

Collection of scientific articles «Economics, Management, Law: socio-economic aspects of development» (Roma, Italia, January 29 2016 y.). – Roma, Italia: Edizioni Magi, 2016. – Vol. 1.

Юбилейная научно-практическая конференция, посвященная 85-летию Гомельского государственного университета имени Франциска Скорины (Гомель, 1 7 июня 2015 г.): материалы : в 4 ч. / редкол.: О.М. Демиденко (гл. ред.) [и др.]. –Гомель : ГГУ им. Ф. Скорины, 2015.

International Scientific-Practical Conference «Innovative potential of socio-economic systems: the challenges of the global world» (Lisbon, 30 June 2016).

Economic innovative potential of socio-economic systems: the challenges of global world: International scientific-practical conference proceedings (Lisbon, 30th June 2016). – Lisbon : Baltija Publishing, 2016.

V International Scientific Conference «Modern trends in monitoring and ensure economic security» (Bangkok, April 20, 2017). – Bangkok : Rajamangala University of Technology Suvarnabhumi, Department of 19 Research and Development, 2017.

Економіка і менеджмент: сучасні трансформації в епоху глобалізації : Міжнар. наук.-практ. конф. (Клайпеда, Литва, 29 січ. 2016 р.). – Клайпеда : Baltija Publishing, 2016.

Новини та науковий прогрес – 2015 : матеріали XI міжнародної науково-практичної конференції (м. Софія, 27-28 грудня 2015 р.). – Софія : ООД «Бял-ГРАД-БГ», 2015.

Information security 2015-2016 : Materials of the International Scientific and Practical Conference (Chisinau, 3-th of March 2016).

Socio-economic aspects of economics and management : collection of scientific articles of International scientific and practical conference (Taunton, 24th January 2015). – Taunton : Aspekt Publishing, 2015.

From the Baltic to the Black Sea: the National Models of Economic Systems: materials of International Scientific-Practical conference, Рига, 25 березня 2016 р. Riga: Baltija Publishing, 2016.

Annex 18. SWOT analysis

Training

STRENGTHS	WEAKNESSES
<ul style="list-style-type: none"> • KhNUE is the only specialized university in the field of economics in the south-eastern region of Ukraine, which accumulates basic knowledge and latest research • Reasonable selection and analysis of dissertation research topics • High level of teaching disciplines • High quality teaching staff • Lectures and seminars conducted by the leading foreign scientists • Clear regulation of the postgraduate training process (apart from the process of defense) • Quality of PhD students (changes in the structure of seekers for PhD) – increasing the percentage of private entrepreneurs who do not arrive immediately after HEI graduate • Transparency (through awareness of the requirements of the educational process in the graduate school) • Effectiveness of training (high% of dissertation research submitted by applicants for specialties in specialized academic councils) 	<ul style="list-style-type: none"> • Low academic mobility of doctoral students (in particular, because of need to leave the family for long-term period of education / internship in the foreign HEI) • Insufficient advertising of postgraduate study at KhNUE • Lack of practical professional activity of graduate students in the process of preparation for postgraduate study • Insufficient qualitative and quantitative level of methodological support of training (in particular, in English) for international PhD students • Lack of information about external (outside University) employment of graduates and lack of communications with them <ul style="list-style-type: none"> • A small number of international research grants and programs in the field of economics, in comparison with other branches of social sciences (sociology, philosophy, psychology, political science, ecology, etc.).
OPPORTUNITIES	THREATS
<ul style="list-style-type: none"> • Nostrification of education certificates • Preparation for the B2 foreign language exam • Academic Mobility Programs for Students, Postgraduates • Application of professional information, technological, computer resources in mastering the special economic disciplines (the presence of the Faculty of Economic Informatics, the departments of information systems, computer systems and technologies, cybersecurity and information technologies, etc.) • Involvement the business professionals, as well as teachers from leading universities to the teaching of special subjects 	<ul style="list-style-type: none"> • The weak interest of masters to continue their studies at level 3 • High migration level • Lack of state standards of higher education at the 3rd level • Low competitiveness of postgraduate study compared to real work activity • Decreasing the amount of state funding for PhD students • The lack of links between the volume and structure of the state order and the needs of the labor market and economic sectors • Uncertainty (lack of) priorities for graduate students (PhD) for further employment • Absence of the requirements for accreditation of educational and scientific programs

Research

STRENGTHS	WEAKNESSES
<ul style="list-style-type: none"> • Availability of applied research results • High-quality publications in journals that are indexed in Scopus ,Web of Science Core Collection, professional editions • High level of support of PhD students: library, access to the Internet, to the Web of Science resources, to the resources of the Information Centre of EU, to the resources of Learning System based on Moodle, etc. • Possibility for PhD students to publish the results of research at double blind peer-review journal of KhNUE "Economics of Development" • Participation in the formation of educational standards at the PhD level through KhNUE representatives in committees, commissions, expert councils of the Ministry of Education and Science of Ukraine (Prof. Zolotaryova I., Prof. Nazarova G., Prof. Pushkar O.) 	<ul style="list-style-type: none"> • Low scientific mobility of graduate students (because of need to leave the family for long-term period of research internship in foreign HEI) • Lack of payment for the implementation of applied research results into practical activity of enterprises (implementation on free basis is confirmed by the certificate of implementation (mandatory document submitted to the academic council before defense) • Absence of an agreement between a PhD student and a supervisor • Lack of training hours for PhD program management, which reduces the motivation of program managers • Lack of European accreditation of educational programs, which reduces the interest of foreign students in studying at PhD programs of KhNUE • Business disinterest in funding of the applied dissertation research
OPPORTUNITIES	THREATS
<ul style="list-style-type: none"> • Double supervision of research, including foreign supervisors (co-tuelle) • Possibility to conduct interdisciplinary research (in several specialties, themes) • Increasing the rating image of the PhD in the labor market • Fundamental, applied research on topical issues that are being performed in KhNUE (including on the projects of young scientists) • International scientific programs in which KhNUY is a partner (coordinator) • Individual Grants for Young Scientists • Career advancement in professional and managerial field with PhD degree 	<ul style="list-style-type: none"> • Reduction of the number of Ukrainian scientific journals (in the field of economic sciences), which are indexed in NMB • Disinterest of business in the applied research of dissertation • Decrease in the level of competence and training of university teachers with a decrease in the number of graduates of the PhD program • Reduction of state funding for the fundamental and applied research

Goals and how to achieve them

1. To promote the development of communicative component within each of the disciplines (seminars, colloquia, discussions, etc.).

1. Implementation of practice writing by PhD students their thesis project during 1-2 year postgraduate studies (brief scientific work which provides subject of research, updated terminology, list of tasks for thesis, techniques and methods of researching, scientific and applied results that PhD students expect to achieve, list of potential opponents and experts for PhD thesis etc.).

2. Contribute to development of research competence of graduate students via the active involvement of graduate students in the research conducted at the university:

- for state budget applied research;
- for International Scientific Programs.

4. Increasing the level of academic and scientific mobility.

5. Development of a promotional video about the benefits of postgraduate education, posted on official resources.

1. Inclusion into individual plan of PhD students:

At the first stage - out of credit discipline "Professional practice" (at least 5 credits);

At the next stage – based on pilot implementation results –the discipline "Professional practice" will be included into the curriculum for 1-2 years of study

2. Organization of events to promote the results of applied research (in particular, through the active involvement of graduates of high-level business founders (top managers) to participate in financing research projects.)

3. Promote the development of relationships with business partners via the organization of postgraduate and doctoral students' communication with employers during round-tables (in meetings format).

4. Improving the learning and methodological support of doctoral studies in Economics for international students.

5. Formation of the monitoring system of the employment of graduate students.