

THEMATIC PLAN

of research projects registered by UkrINTEI
and carried out within department themes (without targeted funding) at
Odesa I. I. Mechnikov National University in 2023

No	Name of research project	Code (subject number)	ONU order	Scientific supervisor (academic degree, academic title)	Expected results in 2023	State registration number	Project term
1	2	3	4	5	6	7	8
FACULTY OF BIOLOGY							
1.	Ecological and genetic aspects of adaptation and genetic polymorphism of living systems	308	№91-18 from 26.01.21	Sabina CHEBOTAR, Doctor of Sciences in Biology, Full Professor s.v.chebotar@onu.edu.ua	<p><i>Expected scientific results:</i></p> <p>Genetic determinants of adaptability of different groups of organisms will be investigated.</p> <p>The diagnostic ability of cytogenetic methods for testing plant test objects for the purpose of determining the pollution and ecological state of certain regions will be proven.</p> <p>The diagnostic ability of Drosophila as a test system for determining water pollution will be proven.</p> <p>The effect of vitaboloms of different compositions on the metabolic parameters of rats will be proven.</p> <p>The genetic and biochemical indicators</p>	0121U109169	01.02.2021-31.12.2025

					<p>of the genetic structure of mussel subpopulations in the northern region of the Black Sea will be investigated.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals indexed in the database Scopus or Web of Science - 1; articles in the journals from the list of specialized scientific publications of Ukraine category B - 3; abstracts of reports - 5. Patent of Ukraine for a useful model will be obtained - 1. Approbation of scientific results at scientific conferences of various levels - 2 (reports).</p> <p>It will be defended: bachelor's term papers - 7; master's theses - 5.</p>		
2.	Study of the therapeutic and prophylactic properties of mollusc shells of the Black Sea	188	№3200-18 from 18.04.18	<p>Olga MAKARENKO, Doctor of Sciences in Biology, leading Researcher</p> <p>makolga29@gmail.com flavan.ua@gmail.com</p>	<p>The experimental research of the efficiency of the use of a new complex of vitamins and minerals based on oyster shells in laboratory rats against the background of the long-term action of insecticides will be carried out.</p> <p>The scheme of using a sorbent and a source of vitamins and minerals in the complex which contains mollusk shells will be improved as a preventive measure for AlCl₃ intoxication in laboratory rats.</p>	0118U000499	01.01.2019-31.12.2023
3.	Study of the phyto- and mycobiota of South-West Ukraine	337	№532-18 from 31.03.23	<p>Fedir TKACHENKO, Doctor of Sciences in</p>	<p><i>Expected scientific results:</i></p> <p>A checklist of the algal flora of the water bodies in the National Natural Park</p>	0123U102500	01.04.2023-31.12.2027

	and adjacent territories			<p>Biology, Full Professor</p> <p>botany@onu.edu.ua</p>	<p>"Biloberizhzhya Sviatoslava" will be compiled. Microscopic algae in the ponds of the Savitsky Park (Odessa) will be studied.</p> <p>The theoretical and methodological approaches to determining and evaluating the grain quality indicators of spelt wheat (<i>Triticum spelta</i>, <i>T. dicoccum</i>) will be summarized. The results of previous research will be processed and refined, and the peculiarities of the functioning mechanisms of plant organisms under variable conditions of existence in the territory of the South-West of Ukraine with the use of biopreparations, microelements, and growth regulators will be established.</p> <p>It is planned to process archival materials from the State Archives of the Odessa Region, the Archive of the V. Ye. Tairov Institute of Viticulture and Winemaking, and the Selection and Genetics Institute of the I. I. Mechnikov ONU; to analyze the symbolism of plants with respect to their perception in different times.</p> <p><i>Expected practical results:</i> Publications: articles in journals indexed in Scopus and/or Web of Science databases – 1 (Scopus-1); articles in publications included in the list of scientific professional publications of Ukraine, category B – 7; articles in other domestic publications – 2; abstracts of reports – 7. Textbooks, training</p>		
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					<p>manuals, dictionaries, reference books – 2, including training manuals – 1. Methodological recommendations, guidelines – 6. Publications with the participation of postgraduates – 3, including articles – 1, abstracts of reports – 2. Publications with the participation of students – 2, including abstracts of reports – 2.</p> <p>It will be defended: master's theses - 4.</p> <p>The results of the research will be tested at international and all-Ukrainian scientific and practical conferences, including the conference of the teaching staff and scientific workers of the I. I. Mechnikov ONU.</p> <p>SCHEDULED PREPARATION of lecture texts, plans for seminar classes, assignments for laboratory and practical work, independent work of students from academic disciplines: "Plant Physiology and Biochemistry" "Regulators of plant growth" "Plant Anatomy and Physiology" "Alternative fertilizers" "Resistance of plants to abiotic factors", "Introduction to university studies", "Landscape gardening Fundamentals", "Plant resources", "Pharmaceutical botany". An annotated report on research paper No. 337 for 2023 will be presented.</p>		
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FACULTY OF ECONOMICS AND LAW

4.	Study on the development of socio-economic processes in Ukraine	196	№679-18 from 01.04.19	<p align="center">Olga POBEREZHETS, Doctor of EconomicSciences, Full Professor</p> <p>olga-poberezhec@ukr.net</p>	<p><i>Expected scientific results:</i> To evaluate the vector orientation of the national economy; identify polycentric factors of socio-economic development of segmental components of the national economy; to propose strategic directions for the development of socio-economic processes in the national economy in the conditions of international integration.</p> <p><i>Expected practical results:</i> Approbation of the obtained scientific results at scientific and practical conferences of various levels and publication of articles and abstracts of reports in leading domestic and foreign scientific publications. Publications in specialized scientific publications and publications included in international scientometric databases (4 articles), reports at scientific conferences (4 theses). Preparation and defense of qualification papers on the subject of research work. Implementation of the received scientific results in the practical activities of domestic enterprises and institutions of higher education. Obtaining certificates on the implementation of the received scientific results in the practice of domestic enterprises and institutions of higher</p>	0119U102221	01.04.2019-31.12.2023
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					education. Publication of a collective monograph. Annotated report (1 report). Final report (1 report).		
5.	Marketing systems and management technologies in conditions of multilevel convergence	208	№3176-18 from 18.12.19	Olena SADCHENKO, Doctor of Economic Sciences, Full Professor esadchenko@gmail.com	<p><i>Expected scientific results:</i></p> <p>Determine the components and trends of marketing organizations that will operate on the basis of sustainable development in the context of global convergence.</p> <p>To study the development of the theory and practice of marketing convergence of technologies in Ukrainian enterprises.</p> <p>Consider marketing systems for economic growth, taking into account the principles of sustainable development in the context of global convergence.</p> <p>Macro-level: absolute convergence (unconditional convergence), sigma-convergence (σ-coincidence) - reduction in the dispersion of per capita income between countries over time; beta convergence (β-coincidence); conditional convergence. Micro level: convergence of technologies (not only mutual influence, but also interpenetration of technologies). Implementation of functional marketing strategies based on the principles of sustainable development in the context of global convergence.</p> <p><i>Expected practical results:</i></p>	0120U102481	01.01.2020-31.12.2024

					<p>Approbation of the obtained scientific results at scientific and practical conferences of various levels and publication of articles and abstracts of reports in leading domestic and foreign publications.</p> <p>The results of the study will be used in the educational process of Odesa I. I. Mechnikov National University.</p> <p>Preparation and defense of theses.</p> <p>Annotated report on R&D (1 report).</p>		
6.	Innovation and investment guidelines for the modernization of the national economy in the conditions of globalization	305	№216-18 from 17.02.21	<p>Evgen MASLENNIKOV, Doctor of Economics, Full Professor</p> <p>evgenmaslennikov@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>To supplement the theoretical and methodological foundations of institutional transformations in the conditions of the development of market relations of the national economy in the conditions of international integration.</p> <p><i>Expected practical results:</i></p> <p>Approbation of the obtained scientific results at scientific and practical conferences of various levels and publication of articles and abstracts of reports in leading domestic and foreign scientific publications.</p> <p>Publications in specialized scientific publications and publications included in international scientometric databases (4 articles), reports at scientific conferences (4 theses).</p> <p>Preparation and defense of theses.</p> <p>Implementation of the obtained</p>	0121U109469	01.04.2021-31.12.2025

					<p>scientific results in the practical activities of domestic institutions of higher education.</p> <p>Obtaining certificates on the implementation of the received scientific results in the practice of activities of domestic institutions of higher education.</p> <p>Preparation of candidate theses.</p> <p>Publication of the study guide.</p> <p>Annotated report (1 report).</p>		
7.	<p>Study of financial institutions and tools for the development of the state, territories and business entities : theoretical, methodological and practical aspects</p>	313	<p>№ 922-18 from 07.06.21</p>	<p>Oksana SAVASTIEIEVA, Doctor of Economic Sciences, Professor, Associate Professor</p> <p>o.savasteeva@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>Dominants of theoretical, methodological and practical support for the development of the state, territories and business entities in the context of financial transformations will be determined.</p> <p>The provisions of the institutional-complementary scientific paradigm will be used and the dominant theoretical-methodological and practical support for the development of the state, territories and business entities will be used through the identification of the principles of redistribution of power competences and powers in the financial sphere, the institutional support of development tools and the parameters of the influence of financial relations on the specified process , which will make it possible to determine a set of alternatives for the development of the state, territories and business entities and to direct this process to a qualitatively</p>	0121U111580	01.04.2021 - 31.12.2024

					<p>new state.</p> <p><i>Expected practical results:</i></p> <p>Articles will be published in journals that are included in the list of specialized scientific publications of category B-3 of Ukraine; articles in foreign publications included in other databases - 1 (Index Copernicus); abstracts of reports – 4; monographs - 1. Publications with the participation of students - 2, including abstracts of reports - 2. Holding of conferences - 1 Approbation of the received scientific results at scientific and practical conferences of various levels.</p>		
8.	National legal system of Ukraine: current state, trends and directions of development	309	№1304-18 from 16.07.21	<p>Yevdokiia STRELTSOVA, Doctor of Legal Sciences, Associate Professor streltsova@onu.edu.ua</p>	<p><i>Expected scientific outcomes:</i></p> <p>An analysis of the peculiarities of domestic political and legal thought regarding power, sovereignty, and public institutions will be carried out taking into account world scientific schools.</p> <p>Scientific methods of judicial law-making research and determination of its main components will be generalized and improved.</p> <p>The need to improve the law enforcement mechanism will be substantiated and the conditions for</p>	0121U112814	01.07.2021-31.12.2025

				<p>improving the effectiveness of law enforcement acts will be proposed.</p> <p>The need for careful systematization and consideration of legal opinions issued by higher courts in Ukraine will be substantiated.</p> <p>The problems associated with the application of the main methods of legal interpretation by the courts will be identified, and the need for further improvement of the legal interpretation technique by the bodies of the judicial system will be substantiated.</p> <p>Scientific approaches to determining the nature of the interaction of national and international courts in the field of lawmaking will be generalized and improved.</p> <p>Approaches to the application of foreign law within the national legal system will be summarized. The analysis of problems related to the processes of international law-making and the peculiarities of their influence on the national legal system will be carried out.</p> <p>A theoretical justification of the concept of <i>erga omnes</i> obligations in international law will be provided and ways to improve the mechanisms for ensuring their fulfillment in international law will be</p>		
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					<p>suggested.</p> <p>The justification of the place and role of the UN International Court of Justice in international law-making processes will be improved.</p> <p><i>Expected practical outcomes:</i></p> <p>The following will be published:</p> <p>articles in journals indexed in Scopus or Web of Science - 1;</p> <p>articles in Ukrainian category "B" specialized journals - 5;</p> <p>conference papers – 5.</p> <p>Publications of PhD students – 3, of which articles – 1; conference papers – 2. Publications with the involvement of undergraduate and graduate students – 5, of which articles – 1; conference papers - 4.</p> <p>Master's theses will be defended - 5.</p> <p>A round table will be held - 1.</p> <p>1 dissertation for the degree of Doctor of Philosophy will be prepared for defense.</p> <p>The obtained scientific results will be implemented in the educational process for applicants of the first (bachelor's), second (master's) and third (doctoral) levels of</p>		
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					higher education (specialty 081 "Law"). An annotated report on the research work for 2023 will be provided.		
9.	Development of the institutional potential of the post-war economy of Ukraine	333	№325-18 from 03.03.2023	Olga GORNIAK, Doctor of Economic Sciences, Full Professor olga.gornyak.et@gmail.com	<p><i>EXPECTED SCIENTIFIC RESULTS:</i></p> <p>Institutions of economic power in conditions of decentralization will be investigated.</p> <p>Theoretical and methodological approaches to the study of institutions of economic power in conditions of decentralization will be summarized.</p> <p>The decentralization of power will be considered as an institutional factor in the systemic transformation of the economy.</p> <p>Criteria for evaluating and determining the financial and economic efficiency of the functioning of local authorities in conditions of decentralization will be developed.</p> <p><i>EXPECTED PRACTICAL RESULTS:</i></p> <p>WILL BE PUBLISHED:</p> <p>Articles in indexed journals in the scientometric database Scopus or Web of Science – 2 (Scopus-1, Web of Science - 1)</p> <p>Articles in publications included in the list of specialized scientific publications of Ukraine category B - 8;</p> <p>Articles in other domestic publications – 4;</p> <p>Abstracts of reports - 20.</p> <p>Textbooks, training aids, dictionaries, reference books - 4 of them</p>	0123U101894	01.03.2023-31.12.2027

				<p>educational aids - 1 Methodological recommendations, methodical instructions - 3. Monographs - 1, of them abroad - 1. There are 2 chapters of monographs, 1 of them abroad.</p> <p>Publications with the participation of students (in total) – 12 of them articles – 2, theses of reports (with approbation) – 6, theses of reports (without approval) - 2. Publications with the participation of graduate students (total) - 6 of them articles – 2, report abstracts (with approbation) – 2, theses of reports (without approval) - 2.</p> <p>WILL BE DEFENDED: Master's theses - 5.</p> <p>The results of the NDR will be tested at International and All-Ukrainian scientific and practical conferences, including at the conference of professors and teaching staff and scientists of ONU.</p> <p>SCHEDULED PREPARATION: lecture texts, plans for seminar/practical classes, assignments for laboratory and practical work, independent work of applicants for the educational disciplines "Modern Economic Systems".</p>		
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					<p>WILL BE RECEIVED: The act of introduction into the educational process - 1. Annotated R&D report (for 2023) will be presented.</p>		
10.	<p>THE CONSTITUTIONAL AND LEGAL MECHANISM FOR ENSURING, ENJOYMENT AND PROTECTION OF HUMAN RIGHTS UNDER THE MARTIAL LAW AND AT THE POST-WAR PERIOD</p>	335	<p>№500-18 from 27.03.2023</p>	<p>Supervisor: Tetiana STEPANOVA, Doctor of Legal Sciences, Full Professor</p> <p>Responsible executor: Angela LEVENETS, PhD of Legal Sciences, Associate Professor</p>	<p><i>Expected scientific outcomes:</i></p> <p>The transformation of the constitutional and legal mechanism for ensuring, implementing and protecting human rights in the conditions of martial law and challenges to global security and peace in the 21st century will be investigated.</p> <p>The impact of martial law on the process of ensuring and implementing human rights in Ukraine will be analyzed.</p> <p>The main directions of reforming national legislation in the field of human rights under martial law conditions will be investigated, and theoretical and practical problems of such reform will be identified.</p> <p>The peculiarities of the application of judicial and extrajudicial mechanisms for the protection of human rights in the conditions of martial law will be revealed.</p> <p><i>Expected practical outcomes:</i></p> <p>The following will be published: Articles in journals indexed in Scopus or Web of Science - 2;</p>	0123U102299	01.04.2023-31.12.2027

				<p>Articles in Ukrainian category "B" specialized journals - 6; Articles in other Ukrainian journals – 2; Conference papers – 15. Study guide – 1 Methodological aids, recommendations, instructions – 5 Monograph sections - 1</p> <p>Publications with the involvement of undergraduate and graduate students – 10, of which articles – 2; conference papers (with approbation) - 4.</p> <p>conference papers (without approbation) – 4.</p> <p>1 dissertation for the degree of Doctor of Philosophy will be prepared for defense.</p> <p>Master's theses will be defended – 8.</p> <p>The received scientific results will be approbated at scientific and practical conferences of various levels, including conference of teaching staff and researchers of Odesa I.I. Mechnikov National University.</p> <p>One conference will be held.</p> <p>SCHEDULED PREPARATION:</p> <p>Methodological recommendations for training courses "Doctrine of human rights"; "Problems of constitutional law and human</p>	
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					rights", "Protection of rights in the ECHR", "European law", "Drafting procedural documents", "Comparative procedural law" WILL BE RECEIVED: The act of introduction into the educational process – 1 An annotated report on the research work for 2023 will be provided.		
11.	Research of European integration ways of development of public and private law of Ukraine	336	№533-18 from 31.03.23	Supervisor: Olha HARAN, Doctor of Laws, Full Professor admin.kaf@onu.edu.ua olgast1@bigmir.net Responsible executor: BALAMUSH Mariana, Candidate of Juridical Sciences, Associate Professor	EXPECTED SCIENTIFIC RESULTS: Generalization of theoretical and methodological principles of the development of national legislation in the plane of approaching the European legal space will take place. An analysis of the legal frame work for the provision and development of national legislation in the context of European integration processes will be carried out. It is planned to analyze individual problems of the implementation of administrative-legal and economic-legal norms theoretically in the conditions of European integration in order to improve the mechanism for their implementation. The problems of national public and private law that hinder the processes of European integration will be summarized and the main factors that give rise to these difficulties will be identified. The main vectors for the development of national legislation will be determined, taking into account European standards in	0123U102371	01.04.2023-31.12.2027

					<p>modern conditions.</p> <p>EXPECTED PRACTICAL RESULTS: WILL BE PUBLISHED: Articles in scientific publications of Ukraine category B – 5; Articles in scientific publications of Ukraine – 2; Abstracts – 5; Publications with students (total) - 5, abstracts - 5. Publications with graduate students (total) – 8: articles - 3, abstracts - 5.</p> <p>WILL BE PROTECTED ON THE BASIS OF SCIENTIFIC-RESEARCH AND DEVELOPMENT WORK: Master's theses - 10</p> <p>WILL BE PREPARED: conferences (total) - 1.</p> <p>PLANNED DEVELOPMENT: Texts of lectures and plans of practical lessons from such subjects:</p> <ul style="list-style-type: none"> · «Psychological methods in legal activity» for applicants of specialty 081 Law; · «Administrative law» 051 Economics, 072 Finance, banking and insurance, 073 Management; · «Financial law» - for applicants of specialties 051 Economics, 072 Finance, banking and insurance, 073 Management - 3. 		
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					Annotated report on SRW (for 2023).		
12	Current issues of improving the mechanism of criminal legal protection of the individual, society and the state in today's conditions	343	№743-18 from 04.05.2023	Oleg CHUVAKOV, Doctor of Sciences in Law, Full Professor olehchuvakov@gmail.com	<p>Sources for researching the mechanism of criminal legal protection of the individual, society and the state in today's conditions will be identified and summarized;</p> <p>The collection and systematization of the bibliography of the subject of criminal legal protection of the individual, society and the state in today's conditions will be carried out;</p> <p>The main issues of research problems related to the scientific topic in the works of domestic and foreign scientific schools will be outlined.</p> <p>WILL BE PUBLISHED: Articles in Ukrainian category "B" specialized journals - 3; Conference papers - 10.</p> <p>Publications with the participation of students – 10 (report abstracts – 10).</p> <p>Publications with the participation of graduate students - 3 of them articles – 1, theses of reports – 2</p> <p>WILL BE PROTECTED on the subject of the GDR: master's theses - 10.</p> <p>The received scientific results will be approbated at scientific and practical conferences of various levels, including</p>	0123U102506	01.05.2023-31.12.2027

					<p>conference of teaching staff and researchers of Odesa I.I. Mechnikov National University</p> <p>SCHEDULED PREPARATION:</p> <p>texts (summaries) of lectures on the disciplines of Criminal Law, part Special by specialty 081 Law - 1; plans of practical classes in the discipline of Criminal Law Part Special - 1.</p> <p>WILL BE UPDATED</p> <p>educational and methodological support disciplines "Criminal legal protection of the foundations of national security of Ukraine" and "Victimology" - 2.</p> <p>WILL BE RECEIVED:</p> <p>The act of introduction into the educational process – 1</p> <p>An annotated report on the research work for 2023 will be provided.</p>		
13	Private legal regulation of social relations in Ukraine: problems of theory and practice	345	№721-18 from 28.04.2023	Ilona KANZAFAROVA, Doctor of Law Sciences, Professor	The peculiarities of the formation of the theoretical and methodological foundations of the private-law regulation of public relations in Ukraine will be clarified in historical retrospect: from the moment of the inception of the first scientific ideas about separate legal means - regulators of public relations and until the moment of the formation of the general principles of	0123U102606	01.05.2023-31.12.2027

				<p>private-law regulation, which are based on, on the one hand, on the traditional ideas of civilians about the sphere of private law regulation, on the other hand, they take into account the specifics of the transformation of social relations in Ukraine under the influence of the processes of globalization and European integration.</p> <p>WILL BE PUBLISHED: articles in journals indexed in Scopus scientometric databases and/or WoS – 2; articles in publications included in list of scientific publications Ukraine category B – 7; theses of reports - 13.</p> <p>Teaching aids, educational and methodical manuals - 2.</p> <p>Guidelines, methodological instructions – 10.</p> <p>Publications with the participation of graduate students - 6 of them articles – 2, theses of reports – 4.</p> <p>Publications with the participation of students - 6 of them theses of reports - 6.</p> <p>WILL BE PROTECTED on the subject of research work: thesis for obtaining a scientific degree</p>		
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					<p>doctor of philosophy - 2. WILL BE HELD: conferences - 1. The results of research work will be implemented in the educational process - 1 act of implementation.</p> <p>An annotated report will be provided for research paper N345</p>		
FACULTY OF HISTORY AND PHILOSOPHY							
14.	Steppe Ukraine in Prehistory	321	№135-18 from 21.01.2022	<p>Olena SMYNTYNA, Doctor of Historical Sciences, Full Professor</p> <p>smyntyntyna_olena@onu.edu.ua</p>	<p><i>Expected scientific results:</i> It is inspected to detect peculiarities of subsistence technologies of prehistoric population inhabited Steppe Black Sea region at the Stone Age and Palaeometal era. Regional specific features of collection and processing of raw materials for tool production will be defined. Peculiarities of technological methods of food collection and processing will be clarified. Household and subsistence strategies of prehistoric population will be described.</p> <p><i>Expected practical results:</i> To be published: articles in journals, indexed in Scopus or Web of Science bases – 1; articles in publications, included to the list of scientific specialized publication of Ukraine of Category Б – 1; articles in other domestic journals – 2, abstracts – 3. Publications with participation of doctoral students – 2,</p>	0122U200056	01.01.2022-31.12.2026

					among them 1 article and 1 abstract. Publication with participation of students – 2, among them articles – 1, abstracts – 1. Main topic of this research project will be reflected in 1 MA thesis. 1 round table is planned to be organized. Gained results will be discussed at 2 scientific conferences of different level. The results of this phase of work will be implemented in frames of educational process for speciality 032 “history and archaeology” for the 1 st (bachelor), 2 nd (Master of Arts) and 3 rd (Philosophy Doctor) levels.		
15.	Ethnocultural processes in the Ukrainian Eastern Romanophone Borderlands	207	№1167-18 from 29.05.19	Viacheslav KUSHNIR, Doctor of Historical Sciences, Full Professor v_kushnir@ukr.net	At the 5th stage of the research project "Ukrainian-Eastern Romanophone Borderland as a Cultural Phenomenon" the peculiarities of economic and household tradition, calendar and family rituals will be represented. The significance of the culture of the Borderland population in modern ethno-cultural processes will be proven. <i>Expected practical results:</i> Scientific publications – 40; presentations at scientific conferences - 30. 20 diploma and course theses will be defended on the subject of research project. The obtained scientific results will be implemented in the educational process.	0119U102566	01.06.2019-31.12.2023
16.	Formation of modern society in the south of	325	№542-18 from	Vadym KHMARSKYI, Doctor of Historical	<i>Expected scientific results:</i> The origins of modernity and the transition period from pre-modern society	0122U200054	01.02.2022-31.12.2026

	Ukraine in the world context: origins, trends, phenomena		20.04.2022	<p>Sciences, Full Professor</p> <p>khmarskyi@onu.edu.ua</p>	<p>(15th - first half of the 19th centuries) will be investigated using modern methodological tools. The processes, trends and phenomena of the historical process in pre-modern times will be investigated.</p> <p>It is planned to consider the theoretical-methodological and historiographic and source studies problems of society in the period of transition from pre-modern to modern (in the south of Ukraine). It is planned to consider pre-modern trends and reveal phenomena. The impact of pre-modernity on the algorithms of new and recent history will be studied.</p> <p>The features of the transition from a pre-modern society to a modern one in the south of Ukraine will be considered. It is planned to analyze the received data and summarize them.</p> <p><i>Expected practical results:</i> Will be published: articles in journals indexed in the database Scopus or Web of Science - 2; articles in publications included in the list of specialized scientific publications of Ukraine category B - 4; articles in other domestic publications – 4; reference books, dictionaries - 1; report abstracts – 2.</p> <p>The obtained scientific results of the scientific research work will be tested at scientific and practical conferences of</p>		
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					<p>various levels.</p> <p>The following will be defended according to the subject of the scientific research work: candidate theses – 1, master's theses - 2.</p> <p>The act of implementing the results of the scientific research work into the educational process will be received - 1.</p> <p>Conferences will be organized and held with the participation of employees of the Department of History of Ukraine and special historical disciplines of Odesa I.I. Mechnikov National University - 2: student scientific conference and scientific conference of professors and teaching staff and scientific workers of Odesa I.I. Mechnikov National University (2023).</p>		
17.	The history of philosophy as a basis for understanding the complex processes and components of the modern scientific picture of the world	331	№2234-18 from 02.12.2022	<p>Professor Inna GOLUBOVYCH, PhD i.golubovych@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>A source base on the history of philosophy and the scientific picture of the world will be created in electronic form using domestic and world scientific libraries, electronic information resources, digital archives; the relevance of this study will be scientifically substantiated, which will contribute to the development of the funds of the scientific library of Odesa I.I. Mechnikov National University, the development of the ESP (Educational And Scientific Program) of the III level of higher education in the specialty "Philosophy".</p> <p><i>Expected practical results:</i></p>	0123U101273	01.12.2022-31.12.2027

					<p>Will be published: articles in journals indexed in the scientometric database (DB) Scopus or Web of Science - 1; articles in publications that are included in the list of scientific publications of Ukraine category B - 5; articles in other domestic and foreign publications included in the scientometric database Index Copernicus - 5; abstracts of reports - 10. Methodological recommendations for training courses will be prepared - 2. Publications with the participation of students - 3, of which articles - 1, abstracts - 2. Publications with the participation of graduate students - 5, of which articles - 2, abstracts - 3. Defended on the subject of the Research Project master's and bachelor's theses - 5. Will be submitted to the All-Ukrainian competition of student works in philosophy - 1 paper. The results of the Research Project will be tested at International and All-Ukrainian scientific and practical conferences, incl. at the conference of the faculty of Odesa I.I. Mechnikov National University.</p>		
18.	THE ROLE OF CREATIVE TECHNOLOGIES IN CULTURAL	342	№749-18 from	Supervisor: Vitaliya GOTYNYAN-	<p><i>EXPECTED SCIENTIFIC RESULTS:</i></p> <p>The relevance of revealing the role of creative technologies in cultural processes</p>	На реєстрації в УкрІНТЕІ	01.05.2023-31.12.2026

	PROCESSES		05.05.2023	<p>ZHURAVLOVA, Doctor of Philosophical Sciences, Associate Professor vitaliya_gotyryan@ukr.net</p> <p>Responsible executor: Viktor LEVCHENKO, Ph.D.(Philos.), Associate Professor</p>	<p>will be scientifically substantiated. It is planned to create an electronic source base on the history of culture and creative technologies by using world and domestic scientific libraries, available electronic information resources, archives, which will contribute to the development of the funds of the scientific library of ONU and the development of the educational plan of the second (master's) levels of higher education (specialty 034 "Culture Studies"). The archive of electronic information on the history of culture and creative technologies will be restructured, after which the main problematic aspects of the development of modern cultural practices and the understanding of technologies and the processes of realizing their nature will be described.</p> <p>A methodological base will be created for the understanding of the development of scientific models of grounding processes of world culture and modern culture in particular on the basis of the use of creative technologies.</p> <p>The following will be published: articles in Ukrainian category "B" specialized journals - 5; articles in other domestic publications – 1; report abstracts - 10. Methodological recommendations - 2.</p> <p>Publications with the participation of graduate</p>		
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					<p>students (total) – 11, of which articles – 1; report abstracts – 10.</p> <p>Master's theses will be defended - 4.</p> <p>The results of R&D will be tested at International and All-Ukrainian scientific and practical conferences, including at the conference of professors and teaching staff and scientists of ONU.</p> <p>WILL BE HELD:</p> <p>conferences – 1; round tables - 1.</p> <p>The obtained scientific results will be implemented in the educational process for applicants of the first (bachelor's) and second (master's) levels of higher education (specialty 034 "Culture Studies").</p> <p>WILL BE RECEIVED: The act of introduction into the educational process - 1.</p> <p>Annotated R&D report (for 2023) will be presented.</p>		
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FACULTY OF JOURNALISM, ADVERTISING AND PUBLISHING

19.	Conflictogenicity of the modern information space and media technology for conflict resolution in conditions of global and local risks	314	№1215-18 from 05.07.21	<p>Olena IVANOVA,</p> <p>D Sc. (Social Communications)</p> <p>Full Professor</p>	<p><i>Expected scientific results:</i></p> <p>Separation and description of communicative conflicts in the conditions of a risk society will be carried out. The sociocultural, information and technological, sociolinguistic aspects of modern conflicts will be analyzed and revealed.</p>	0121U112808	01.06.2021-31.12.2026
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				journalist_fac@onu.edu.ua	<p>Communicative conflicts, their essence will be determined, the types of conflicts will be investigated and the causes of communication conflicts in the information space will be revealed.</p> <p><i>Expected practical results:</i></p> <p>Structuring of communicative conflicts in the conditions of a risk society. Revealing the cause of sociocultural, information and technological, sociolinguistic modern conflicts.</p> <p>The following will be published:</p> <p>articles in journals included in the list of scientific and professional publications of Ukraine category B - 9;</p> <p>articles in foreign publications included in other databases (Copernicus, etc., except for Scopus, Web of Science) – 10;</p> <p>articles in other domestic publications – 6;</p> <p>abstracts of reports – 8;</p> <p>textbooks, educational aids, dictionaries, reference books - 1.</p> <p>Publications with the participation of students - 13, including articles - 3, abstracts of reports - 10.</p> <p>Will be defended on the subject of the RP: master's theses - 5.</p> <p>Will be held: conferences - 1;</p>		
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					round tables - 1. Texts of lectures and plans for seminar classes will be prepared for educational disciplines - 1.		
FACULTY OF MATHEMATICS, PHYSICS, AND INFORMATION TECHNOLOGIES							
20.	Static and dynamic problems for bodies of canonical form with defects	307	№469-18 from 25.03.21	Nataliya VAISFELD, Dr. Sci. in Physical and Mathematical Sciences, Full Professor mdttde@onu.edu.ua	<i>Expected scientific results:</i> Problems of steady oscillations of finite bodies weakened by the defects will be considered; exact and approximate solutions of the elasticity theory problems will be obtained. A comparative analysis with similar problems solved by other methods will be conducted and the advantages of the proposed method will be determined. A mathematical analysis of existing modern problems on steady oscillations of finite bodies without defects will be carried out. A comparative analysis of existing problems on steady oscillations of finite bodies with defects of various forms and the selection of the optimal solving method for the mathematical description of the behavior of such bodies will be carried out. Approximate solutions of elasticity theory problems for the finite bodies weakened by defects will be obtained, and exact solutions of elasticity theory problems for the finite bodies with defects will be	0121U111664	01.05.2021-31.12.2024

					<p>proposed.</p> <p><i>Expected practical results:</i></p> <p>Will be published:</p> <p>articles in journals included in scientometric databases Scopus, Web of Science – 2; materials of conferences included in scientometric databases Scopus, Web of Science – 2; articles in journals included in the list of specialized scientific publications of category B of Ukraine – 2; articles in other Ukrainian journals – 2;</p> <p>theses of reports – 2. Publications with the participation of postgraduates – 3, where articles – 1, theses of reports – 2. Publications with the participation of students – 2, where theses of reports – 2. Will be presented: candidate theses PhD – 2, where young scientists – 2; masters theses – 4. The preparation of lecture texts and plans for seminar classes for the educational disciplines "The method of orthogonal polynomials in the elasticity theory problems and poroelasticity", "Equations of mathematical physics" are planned – 2.</p>		
21.	Methods, models, information technologies of	311	№804-18 from	Eugene (Yevhenii) MALAKHOV, Doctor of Sciences	<p><i>Expected scientific results:</i></p> <p>Information technologies for enterprise</p>	0121U111663	01.05.2021-31.12.2025

	distributed support systems for organizational decision-making		25.05.21	<p>(Tech.), Full Professor</p> <p>Eugene.Malakhov@onu.edu.ua</p>	<p>description, data collection and processing will be developed to support decision-making and resource distribution between the levels of the distributed intelligent information system of organizational management (DInIS OM).</p> <p>Technologies for converting the enterprise description using production functions and mathematical models of business processes into the business processes describing language of BPM systems will be developed.</p> <p>The resources distribution technologies between the levels of the distributed system of collecting, processing and providing operational information for decision-making in emergency situations will be developed.</p> <p>An agent interaction distributed system will be developed in the context of a decision support system in the information security ensuring field.</p> <p>Information collection and processing technologies will be developed for the data intelligent analysis by recommender systems to support decision-making and in the information, security ensuring field.</p> <p>A project of a soft expert system model based on fuzzy logic technology with the possibility of using a DBMS to describe and</p>		
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					<p>store a fuzzy knowledge base will be developed.</p> <p>Data processing and analysis technologies of IoT system by the cloud platform services will be proposed.</p> <p><i>Expected practical results:</i> will be published: – articles – 3 – abstracts of reports – 13; will be defended on the topic of the GDR: – bachelor's theses - 10; – master's theses – 5; will be developed: – 1 special course on IoT technologies.</p>		
22.	Solvable models of quantum mechanics for the study of electronic excitations and transport phenomena in nanostructures	302	№1730-18 from 22.09.20	Vadym ADAMYAN, Doctor of Phys. and Mathem. Sciences, Full Professor (Scientific supervisor until 2023)	<p>Згідно III етапу виконання НДР : “Дослідження електронних збуджень та транспортних властивостей композитів з провідних та надпровідних складових” планується отримати: спектральну теорію та теорію розсіяння для поєднань рівнянь Шредінгера та Боголюбова-де Жена, з’ясування можливостей використання композитів з (напів)провідникових і надпровідникових матеріалів в якості кубітів, регістрів і гейтов для квантових обчислень з алгоритмами для побудови відповідних моделей.</p> <p>Звітна документація: анотований звіт, заключний звіт; 2 публікації у Scopus (WoS), 1 – у фаховому виданні України;</p>	0120U104119	01.10.2020- 30.09.2023
			№648-18 від 18.04.23	Volodymyr KULINSKY, Doctor of Phys. and Mathem. Sciences, Full Professor			

					участь у 2 конференціях, захист дисертації доктора філософії – 1.		
23.	Morphology and dynamics of multicomponent systems	303	№1730-18 from 22.09.20	Elena PANKO, Doctor of Physical and Mathematical Sciences, Full Professor panko.elena@gmail.com	<p><i>Expected scientific results:</i></p> <p>We'll obtain the common characteristics of the internal structure of galaxy clusters in rich regions as well as a detailed description of the detected substructures. It'll allow estimating the influence of neighbors on the evolution and formation of the internal structure of galaxy clusters.</p> <p>We'll obtain the features of the brightness variation for RR Lyr type variable FI Sge, which shows unusual light curve variations.</p> <p>Phase curves of V-type asteroids will be investigated in detail.</p> <p><i>Expected practical results:</i></p> <p>It will be published: articles in journals indexed in the scientometric database Scopus or Web of Science – 1; articles in the list of journals included in the</p>	0120U104575	01.10.2020-30.09.2023

					<p>list of specialized scientific publications of Ukraine category B – 1;</p> <p>publication in the Abstract books (international conferences) – 4;</p> <p>Publications with the students – 2, including abstracts – 2.</p>		
24.	Computer technologies, systems, components: modeling and software	306	№2450-18 from 17.12.20	<p>Yurii (Yuriy) GUNCHENKO, Doctor of Sciences (Tech.), Full Professor</p> <p>gunchenko@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>Software for specialized and intelligent computing systems will be developed. Elements of computing systems will be developed and simulations of elements will be carried out.</p> <p>The results of the analysis of the software will be presented, taking into account the peculiarities of computer architecture and current standards.</p> <p><i>Expected practical results:</i></p> <p>The following articles will be published: 2; methodical manuals – 1; Patents – 1; abstracts of reports – 3. Will be defended on the topic of the GDR: candidate theses – 1; bachelor's final qualification papers – 3; final master's theses - 2. Elements of (1) computer systems software course will be developed.</p>	0121U110545	01.01.2021-31.12.2024
25.	Modeling of random heterogeneous and fluctuationally	304	No 1730-18 of 22.09.20	<p>Myroslav SUSHKO, Candidate of Sciences in Physics and Mathematics,</p>	<p>Develop a model for color percolation in random multicomponent systems.</p> <p>Develop a model for several-step electrical percolation in random systems with multi-</p>	0120U104105	01.10.2020-30.09.2023

	inhomogeneous systems and diagnostics of their electrical and optical characteristics			Associate Professor	<p>stage microstructuring.</p> <p>Develop a method for processing critical opalescence spectra in fluids with account for nontraditional scattering mechanisms.</p> <p>Investigate with it the necessity for reinterpretation of the information extractable from molecular light scattering data for the thermodynamic and kinetic parameters of critical fluids.</p> <p>Reporting documentation: Annual annotated report; Final project report; Publications: 2 articles in Web of Science or Scopus indexed journals and 1 in a category B specialized scientific edition of Ukraine; 2 conference reports; Presentation of a Ph.D. thesis for defence.</p>		
26.	Thermophysical and chemical processes in multi-component and multi-phase environments	320	№62-18 from 17.01.22	<p>Valery KALINCHAK, Doctor of physico-mathematical sciences, professor</p> <p>teplophys@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>The concentration and temperature dependences of various liquids' refractive index, dielectric constant, density, dynamic viscosity, including biological fluid, alcohol-hydrogen solutions, bioethanol solutions with alcohols, and solutions with carbon nanoparticle additives will be investigated.</p> <p>Shear viscosity coefficients will be determined depending on the concentrations in the range, that overlaps the operational values; depending on the temperature in the range (-20 ÷ +40) ° C, which are the climatic boundaries in our area; determination of the concentration</p>	0122U000687	01.01.2022-31.12.2026

					<p>dependence of fuel density on concentrations and temperature can be important not only as an operational parameter, but also to be a characteristic of rapid control of its composition.</p> <p><i>Expected practical results:</i> Will be published: articles in journals Scopus or Web of Science - 2; articles in specialized scientific publications of Ukraine (category B) - 2; abstracts of reports – 3; textbooks, study aids, dictionaries, reference books - 1. Publications with the participation of students - 2, including articles - 1, abstracts of reports - 1. The following will be defended: Doctor of Science theses – 1; Master's theses - 1.</p>		
27.	Harmonic, functional and statistical analysis in theory and applications	338	№647-18 from 18.04.23	Anatolii KORENOVSKYI, Doctor of Physical and Mathematical Sciences, Full Professor	<p><i>Expected scientific results:</i></p> <p>Theorems regarding the behavior of function oscillations in the discrete case will be obtained, the behavior of integral oscillations of monotonic functions on a finite interval and on the half-axis will be studied.</p> <p>Theorems on the estimation of equimeasurable rearrangements of functions with bounded mean oscillation in the discrete case will be obtained. Analogues of the John-Nirenberg theorem</p>	0123U102600	01.05.2023-31.12.2027

					<p>for such functions will be established.</p> <p>Theorems on the embedding of classes of functions satisfying inverse Hölder and Jensen inequalities in terms of differences in Orlicz spaces will be obtained, and relationships between these classes of functions will be established. Estimates of the rate of decay for equimeasurable rearrangements of functions from these classes will be proven. Theorems on embedding in the space of continuous functions will be obtained.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals indexed in the database Scopus or Web of Science - 1; articles in the journals from the list of specialized scientific publications of Ukraine category B - 2; abstracts of reports - 2.</p> <p>Approbation of scientific results at scientific conferences of various levels - 2 (reports).</p> <p>It will be defended: master's theses - 3.</p>		
28.	Mathematical and computer modeling of complex systems and processes	339	№746-18 from 04.05.23	Olga KICHMARENKO, Doctor of Physico-Mathematical Sciences, Associate	<p><i>Expected scientific results:</i></p> <p>An analysis will be conducted regarding the existence of solutions of a differential equation with a generalized derivative with a multiple-valued right-hand side with a</p>	0123U102623	01.05.2023-31.12.2027

				Professor	<p>delay.</p> <p>An algorithm for constructing a numerical solution of a differential equation with a generalized derivative with a multiple-valued right-hand side with a delay will be developed.</p> <p>A review and analysis of the application of the finite element method for the solution of the boundary value problem for the fractional derivative equation will be carried out.</p> <p>The possibility of using wavelet transformations for some class of sound images will be investigated.</p> <p>A complex method of quantitative assessment of financial risks of investment projects will be developed: both integral and parametric.</p> <p>It is planned to build a discontinuous solution of the wave equation in a spherical coordinate system. Based on this method of constructing a discontinuous solution of the wave equation for a spherical coordinate system, a discontinuous solution of the equations of motion of an elastic medium for a spherical defect will be constructed. At the next stage, it is planned to reduce the problem of diffraction of an elastic torsional wave on a thin spherical inclusion to a system of integro-differential equations, to</p>		
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				<p>develop and prove the validity of using an approximate method of solving the corresponding integro-differential equations in the class of functions with non-integrable features.</p> <p>A review of methods for eliminating heteroskedasticity of residuals and research on the creation of a new method for eliminating heteroscedasticity of residuals will be conducted.</p> <p>A mathematical model for predicting the level of vitamin D based on lipid metabolism and anthropometric indicators, as well as a mathematical model for assessing the risk of vitamin D deficiency based on lipid metabolism and anthropometric indicators, will be created and analyzed.</p> <p><i>Expected practical results:</i></p> <p>WILL BE PUBLISHED:</p> <p>articles in journals indexed in scientometric databases Scopus and/or WoS – 1; articles in scientific specialized publications of Ukraine belonging to category "B"- 2; abstracts of reports – 8. Methodological recommendations, methodological guidelines – 2. Publications with the participation of graduate students – 1, of which abstracts of reports – 1.</p>	
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				<p>Publications with the participation of students – 6, of which abstracts of reports – 6.</p> <p>WILL BE DEFENDED by the subject of the reseach work:</p> <p>master’s theses – 10.</p> <p>The results of the reseach work will be tested at International and All-Ukrainian scientific and practical conferences, including at the conference of professors and teaching staff and scientific workers of Odesa I.I. Mechnikov National University.</p> <p>SCHEDULED PREPARATION: texts (summaries) of lectures on disciplines in speciality 113 Applied mathematics: OK 15 "Optimization methods and operations research"; OK 16 " Numerical methods"; OK 25 "Machine learning"; OK 28 "Computational geometry and computer graphics"; OK 27 "Mathematical modeling and system analysis"; "Applied management problems"; "Analysis of risks of investment projects"; "Deep Learning"; "Systems and methods of decision-making"; "Financial mathematics and analysis of investment projects";</p> <p>Preparation of laboratory tasks. / practice</p>	
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					works in the disciplines indicated above. WILL BE UPDATED: educational and methodological support of the above disciplines. An annotated report on research work 339 for 2023 will be presented.		
29.	Exponential sums in Number Theory and Cryptography	346	№926-18 from 02.06.2023	Pavlo VARBANETS, Doctor of Math. And Phys, Sciences, professor pvarbanets@onu.edu.ua	It will be investigated the properties of Kloosterman sums over the ring of integral elements of the imaginary quadratic field $\mathbb{Q}(\sqrt{-d})$. There will be applied the estimates of Kloosterman sums and their generalizations in the problems of distribution of solutions of some congruences. It will be investigated the special congruences for generating the sequences of pseudorandom numbers. <i>Expected practical results:</i> IT WILL BE PUBLISHED: papers in journals indexed with Scopus and/or WoS databases – 2; publications in proceedings of conferences indexed with Scopus and/or WoS databases – 3; abstracts – 7. Guidelines, practice advisory – 2. PhD students publications – 3, including papers – 1, abstracts – 2. Students publications – 2, including abstracts – 2. WILL BE DEFENDED under the ARW:	0123U102968	01.06.2023-31.12.2025

					<p>master's thesis – 1. SCHEDULED THE DEVELOPMENT OF: lecture notes (1) of academic subjects: "Linear algebra" and "Coding Theory" for students of speciality «122 Computer sciences».</p> <p>Will be prepared the annotated report to academic research work № 346 on 2023</p>		
30.	Investigation of properties of solutions to non- autonomous differential equations	347	№1068-18 from 19.06.2023	<p>Scientific head: Vyacheslav EVTUKHOV, doctor of physical and mathematical sciences, professor</p> <p>Responsible executor: Maria Bilozeroва, Ph.D. of physical and mathematical sciences, associate professor</p> <p>marbel@ukr.net</p>	<p>Due to the construction of new research methods, the researching of the conditions of existence and asymptotic representations of solutions to differential equations and systems with correctly and rapidly changing nonlinearities, differential equations and systems that are asymptotically close to linear ones is expected in the project. In addition, it is planned to obtain new conditions of the existence of solutions vanishing at a singular point in systems of linear and quasi-linear differential equations. The issue of studying the properties of hypergeometric functions of fractional order, the reduction of linear and quasi- linear differential systems with fluctuating coefficients to systems with slowly varying coefficients, the study of integral manifolds and the conditions for their existence in quasi-linear systems of differential equations, depicted in the form of Fourier series with slowly varying coefficients, will also be considered. Coefficients and frequencies, cases of complete splitting</p>		01.06.2023- 31.12.2027

					<p>were investigated.</p> <p><i>Expected practical results:</i></p> <p>WILL BE PUBLISHED: articles in journals indexed in scientometric databases Scopus and/or WoS – 2; theses of reports - 6.</p> <p>Educational manuals, educational and methodical manuals - 1.</p> <p>Publications with the participation of graduate students - 3 of them articles – 1, theses of reports – 2</p> <p>Publications with the participation of students - 1 of them theses of reports – 1.</p> <p>WILL BE PROTECTED on the subject of the project: master's theses - 3.</p> <p>WILL BE HELD: conferences - 1.</p> <p>An annotated report will be provided for research paper No. 347 for 2023</p>	
31.	Теорія і практика застосування математичного моделювання та інформаційних технологій в технологічному та організаційному керуванні	349	№ -18 від06.23	<p>ВОЛКОВ Віктор Едуардович, Д-р техн. наук, професор;</p> <p>РАЧИНСЬКА Алла Леонідівна, канд. фіз.-мат. наук,</p>	<p><i>Очікувані наукові результати:</i></p> <p>Буде проведено огляд сучасного стану математичного моделювання різноманітних процесів і систем, а саме:</p> <ul style="list-style-type: none"> – процесів повільного горіння, вибуху та детонації; – систем вибухобезпеки; – процесів збуреного руху твердого 	01.07.2023-31.12.2027

				доцент	<p>тіла відносно центру мас;</p> <p>– навчального процесу.</p> <p>Буде здійснено аналіз існуючих математичних моделей вищезазначених процесів і систем з точки зору можливостей та особливостей керування цими системами. При цьому треба визначитися, який саме тип керування (ручне керування, автоматизоване керування, автоматичне керування) може або не може бути застосований до того чи іншого процесу або системи. У випадку, коли можлива повна або часткова автоматизація, слід спробувати визначитися з засобом керування (програмне керування, керування за принципом зворотного зв'язку, керування за принципом компенсації збурень або гібридне керування).</p> <p>Існуючі математичні моделі вищезазначених процесів і систем при можливості мають бути вдосконалені або розвинені. В протилежному випадку треба намітити шляхи побудови принципово нових моделей.</p> <p>Зважаючи на те, що в більшості випадків задачу керування буде зведено до побудови системи підтримки прийняття рішень (СППР), то в кожному конкретному випадку буде визначено, яка саме модель прийняття рішень</p>		
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				<p>(класична, в умовах ризику або в умовах невизначеності) має бути застосована.</p> <p>Буде також здійснено аналіз сучасного стану застосування інформаційних технологій для керування вищезазначеними процесами та системами. Як результат, з урахуванням застосування певних математичних моделей, мають бути рекомендовані для застосування або розроблені відповідні інформаційні моделі.</p> <p><i>Очікувані практичні результати:</i></p> <p>БУДЕ ОПУБЛІКОВАНО: Методичні посібники – 2. Методичні вказівки – 1. Статті у виданнях, що включені до переліку наукових фахових видань України категорії Б – 2; статті у ін. вітчизняних виданнях – 1; тези доповідей – 2.</p> <p>Публікації за участю студентів – 2, з них тез доповідей – 2.</p> <p>БУДЕ ЗАХИЩЕНО за тематикою НДР: магістерські роботи – 3.</p> <p>Результати НДР будуть апробовані на Міжнародних і Всеукр. науково-практ. конференціях, в тому числі на конф. професорсько-викл. складу і наукових</p>		
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					<p>працівників ОНУ імені І. І. Мечникова.</p> <p>БУДЕ ПРОВЕДЕНО: конференції – 1. Результати НДР будуть впроваджені в освітній процес – 1 акт впровадження</p> <p>Буде надано анотований звіт за науково-дослідною роботою №349 за 2023 рік</p>		
FACULTY OF INTERNATIONAL RELATIONS, POLITICAL SCIENCE AND SOCIOLOGY							
32.	Global, regional and local factors of formation of the modern system of international relations	189	№72-18 from 17.01.19	<p>Igor KOVAL, Doctor of Political Sciences, Full Professor</p> <p>brusylovska@gmail.com ira.maksymenko@gmail.com</p>	<p>The geopolitical, economic and internal political components, which shape the foreign policy strategy of Ukraine and determine its subjectivity within the system of international relations at the regional and global level, will be investigated during the 5th stage of the research work titled "The place and role of Ukraine in the modern system of international relations: factors, problems, forecasts".</p> <p><i>Expected practical results:</i></p> <p>Implementation of the obtained results into the educational process; publication of academic articles on the subject of the stage; publication of one collective monograph; defense of a doctoral dissertation on the subject of the research work.</p>	0118U000500	01.01.2019-31.12.2023
33.	The study of social solidarity as a path to a social contract	194	№274-18 from 18.02.19	<p>Vitaliy ONISCHUK, Doctor of Social Sciences,</p>	<p><i>Expected scientific results:</i></p> <p>At the V stage /"Search for ways of a new social contract and development of recommendations"/of the research project</p>	0119U102432	01.03.2019-31.12.2023

				Full Professor	<p>the ways of a new social contract in modern conditions will be determined. Concepts will be improved: social solidarity, social contract; search for ways of a new social contract.</p> <p><i>Expected practical results:</i> The following will be published: articles in publications included in the list of specialized scientific publications of Ukraine - 2; articles in other publications – 1; report abstracts – 2; teaching and methodical aids - 1.</p> <p>On the topic of the scientific project, bachelor's theses will be defended - 2; master's works - 1; coursework - 2.</p> <p>Participation in 5 conferences is planned; holding 1 seminar, 1 conference, 2 round tables.</p>		
34.	Financial policy as a factor of socio-economic development of countries	317	№2015-18 from 08.10.21	<p>Serhiy YAKUBOVSKIY, Doctor of Economic Sciences, Full Professor</p> <p>yonik@ukr.net</p>	<p><i>Expected scientific results:</i> A comparative analysis of the effectiveness of all effective instruments of financial policy on the socio-economic development of countries will be conducted. An analysis of expansionary and restrictive financial policy instruments will be carried out.</p> <p><i>Expected practical results:</i> The most effective models of the influence of various financial policy instruments on the socio-economic</p>	0121U113869	01.10.2021-31.12.2026

				<p>development of each of the leading groups of countries will be tested in practice through simulation modeling.</p> <p><i>The following will be published:</i> articles in journals indexed in the Scopus scientometric database – 1; materials of conferences indexed in the Scopus scientometric database – 1; articles in publications included in the list of specialized scientific publications of Ukraine category B - 4; articles in foreign publications included in other databases (Index Copernicus) – 1; articles in other domestic publications – 4; abstracts of reports – 9; dictionaries – 1; reference books - 1.</p> <p>Will be defended on the subject of the Research project: Ph.D. theses - 1; Master's theses – 2.</p> <p>Planned testing of the obtained scientific results at scientific and practical conferences of various levels – 2 conferences.</p> <p>Texts of lectures and plans of seminar classes for the academic discipline "International Monetary and Financial Relations" will be prepared.</p> <p>It is planned to hold: conferences – 1; round tables - 1.</p> <p>Recommendations will be prepared for state regulatory bodies of financial and socio-economic development - 1</p>		
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					<p>recommendation.</p> <p>According to the results of the Research project, it is planned to receive 1 implementation (into the practical activities of domestic enterprises or institutions of higher education).</p>		
35.	The local political processes dynamics in conditions of global world-system transformation	344	№742-18 from 04.05.23	<p>Scientific head:</p> <p>Vasyl POPKOV,</p> <p>Doctor of Philosophical Sciences, Professor</p> <p>Responsible executor:</p> <p>Yevhen OHARENKO,</p> <p>Candidate of Philosophical Sciences, Associate Professor</p>	<p>Will be carried out an analysis of the world-system theory evolution from the end of the 20th century 60s to the present time. In the context of this theory, it will be studied: what world-system changes occurred in the first quarter of the 21st century, how these changes affected political processes in individual states; the world-system "background" of the Russian-Ukrainian war has been clarified. New approaches to the representation of the essence of world-system transformations and their impact on the nature of socio-political transformations in individual countries are proposed. Special attention will be paid to European integration processes. New criteria for world wars as consequences/factors of the world-systemic process will be developed. It is planned to analyze the latest research of the world-system analysis school.</p> <p>Based on the results of the research, it is planned to publish a collective monograph "World-System Shift: Global and Local Consequences" and hold an international scientific conference.</p>	0123U102703	01.05.2023-31.12.2027

					<p>WILL BE PUBLISHED: articles in journals indexed in scientometric databases Scopus and/or WoS – 1; articles in publications included in the list of scientific specialized publications of Ukraine (category "B") - 5; articles in other publications – 2; theses of reports - 8. Educational manuals, teaching-methodical manuals - 1. Methodological recommendations, methodical instructions - 1. Publications with the participation of students - 2 of them Abstracts of reports - 2. Publications with the participation of graduate students - 2 of them articles – 1, theses of reports – 1.</p> <p>WILL BE PROTECTED on the subject of the GDR: theses for obtaining a degree doctor of philosophy (candidate of sciences) – 1; master's theses - 3.</p> <p>SCHEDULED PREPARATION: texts (summaries) of lectures on disciplines in specialty 052 Political science – 1; plans for seminar and practical classes - 5. An annotated report will be provided for research paper No. 344 for 2023</p>		
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FACULTY OF PSYCHOLOGY AND SOCIAL WORK

36.	The study of the psychological health of the personal : sanocentric approach	319	№2782-18 from 30.12.21	<p>Nataliia RODINA, Doctor of Psychological, Professor</p> <p>natalia_rodina@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>The meaningful characteristics of the psychological health of the individual will be investigated in the paradigm of the health-centric approach. The features of the semantic and emotional values of a person aimed at the future will be revealed. The planned development of the methodology for assessing the image of the future world (psychosemantic).</p> <p>The individual and psychological characteristics of women in the period of age changes will be investigated; revealed the hierarchical structure of life orientations of women during menopause as systemic factors of life activity.</p> <p>Specific social and individual-personal determinants of life orientations will be revealed; the regularities of the actualization of the life orientations of women during the menopause in terms of reactions to stress are determined; a comparative analysis of psychological features and life orientations, coping strategies of women of different age periods was carried out.</p> <p>The mechanism for conducting research and implementing practical recommendations for correcting the reaction to stress, forming new competencies and skills for self-realization</p>	0122U000260	01.01.2022-31.12.2025
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				<p>and improving the psychological health of women in the climacteric period will be improved; the individual and psychological features of women during the period of age changes are revealed; actualization of the psychological structure of temporal competence as the basis of personal and professional success was carried out.</p> <p>The psychological features of the emotional well-being of the individual will be substantiated; the concepts of autarky, well-being, and psychological health are revealed; developed a system of psychological conditions for the formation of a prosperous, self-sufficient, successful and resilient personality; the mechanism for conducting research and implementing practical recommendations for the formation and self-realization of a prosperous, self-sufficient, successful and resilient personality has been improved.</p> <p>Practical recommendations will be developed for correcting the reaction to stress, forming new competencies and skills for self-realization and improving the mental health of women in the climacteric period.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals indexed in the scientometric database Scopus and/or Web of Science – 5;</p>		
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				<p>(3 articles in Scopus, 2 in Web of Science); articles in journals included in the list of scientific specialized publications of Ukraine – 5; articles in foreign publications included in other databases – 2 (Copernicus); theses of reports - 10.</p> <p>Publications with the participation of graduate students – 12, of them 7 articles, 5 report abstracts.</p> <p>Publications with the participation of students - 7, of them articles - 1, abstracts of reports - 6.</p> <p>Will be defended according to the subject of research project: candidate theses - 2; master's theses - 12.</p> <p>The following will be held: conferences – 1; round tables - 2.</p> <p>Approbation of the received scientific results at scientific and practical conferences of various levels is planned. Preparation of lecture texts and plans for seminar classes for the educational disciplines "Introduction to the specialty", "Emotional intelligence and emotional competence", "Fundamentals of cognitive-behavioral psychotherapy", "Visual psychodiagnostics" - 4.</p> <p>Implementation of the received scientific results in the practical activities of domestic enterprises or institutions of higher</p>		
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					education - 2. An annotated report on the research project for 2023 will be provided.		
37.	Genesis and Socio-psychological Determinants of Personality's Psychological Well-being	332	№16-18 from 06.01.23	Supervisor: Oksana KONONENKO, Doctor of Sciences in Psychology, Full Professor Responsible executor: Alisar HUDIMOVA, Ph.D. in Psychology, Associate Professor	<i>Expected scientific results</i> The theories put forth by scientists regarding how to deal with the issue of social-psychological factors affecting an individual's psychological well-being will be supported and examined. The theoretical and methodological principles of personal and group factors of psychological well-being will be summarized; the criteria for researching the psychological conditions of personal well-being in the context of virtual self-presentation, the causes of eating disorders, the determinants of personal autarky, and psychological aspects of personal success based on time management will be determined. The efficiency parameters of the proposed corrective and training programs will be determined. In the context of transactional analysis theory, approaches to psychological support with the goal of ensuring the psychological well-being of the individual in conditions of uncertainty and change in today's surrounding reality will be	0123U101274	01.01.2023-31.12.2027

					<p>substantiated.</p> <p>Individuals' psychological well-being will be considered in the context of modern society's changes.</p> <p>Social and stressful factors will be considered as mechanisms of influence on an individual's psychological well-being.</p> <p><i>Expected practical results:</i></p> <p>Publishing of: Articles in scientometrics databases Scopus or Web of Science - 3 (Web of Science - 3); Articles in journals included in Ukraine's list of scientific specialized publications category B - 11; Articles in other domestic publications - 2; Abstracts of reports - 21; Methodical recommendations, methodical instructions - 16; Monographs - 1 (in Ukraine). Publications with postgraduates' participation – 11, including 5 articles and 6 report abstracts. Publications with the participation of students – 14, including abstracts of reports – 14. According to the subject of scientific research work, the following will be defended:</p> <p>- PhD theses - 1, of which young</p>		
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					<p>scientists - 0;</p> <p>-Master's theses - 10.</p> <p>The findings of the research project will be tested at international and all-Ukrainian scientific and practical conferences, including Odesa I.I. Mechnikov National University's conferences for professors, teaching staff, and scientific workers. The following events are planned: two conferences and four round tables.</p> <p>Planned preparation of: lecture texts, plans for seminar/practical classes, tasks for practical work, independent work of applicants for the academic disciplines: "Introduction to the Psychology", "Social Psychology", "Extreme Psychology", "Methodology and Organization of Scientific Research", "Health Psychology", "Management Psychology", "Family Psychology", "Pedagogical Psychology", "Psychology of Education", "Psychology of Work", "Engineering Psychology and Ergonomics of Software Systems", "Psychology of Creativity", "Cyberpsychology", "Methodology and Theory of Psychology", "Psychology of Mature Personality", "Psychological Well-being in Organizations", "Organizational Psychology", "Psychology", "Basics of Psychological Counseling", "Psychology of Communication", "Psychology of Conflict",</p>	
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					<p>“Media Psychology”, “Social Dimensions of Modern Society”, “Personology”.</p> <p>Acts of introduction into the educational process will be received - 2.</p> <p>An annotated report on the Scientific Research Project for 2023 will be presented.</p>		
38.	<p>PRESERVATION, RESTORATION AND DEVELOPMENT OF HUMAN CAPITAL OF UKRAINE IN THE CONDITIONS OF EUROPEAN INTEGRATION</p>	340	<p>№741-18 from 04.05.23</p>	<p>Larisa DUNAYEVA, Doctor of Political Science, Professor larisa-dunayeva@onu.edu.ua</p>	<p><i>EXPECTED SCIENTIFIC RESULTS:</i></p> <p>The essence of the categories of «human capital», «human capital development», «human capital formation» and their relationship with the concepts of «human development», «human potential», «resource potential» will be studied; the relevance of human capital development issues for Ukraine in the context of the impact of integration processes will be proved.</p> <p>It is planned to find out the current state and prospects for the development of human capital in Ukraine in the context of European integration; to analyze the trends that affect the formation of human capital, the dynamics of its growth and identify the means of its effective use; to explore various contexts of the problems of formation, development and use of human capital in Ukraine.</p> <p>It is expected to reveal the theoretical and methodological foundations of the</p>	0123U102505	01.05.2023-31.12.2027

				<p>formation and use of human capital, its role in the economic and social systems of the state, regions, in achieving the integration dynamics of reforms; to substantiate the importance of human capital development, its role in increasing Ukraine's innovativeness in the context of European integration, in achieving competitive advantages and ensuring the quality parameters of economic growth; to study the conditions under which the formation and development of human capital will ensure technological and social progress; consider human capital as the main driver of long-term stable development and recovery of Ukraine.</p> <p>Based on the results obtained, priority tasks for the development of Ukraine's human capital will be identified to ensure economic growth, radical structural changes and a sustainable high level of competitiveness.</p> <p>It is planned to define Ukraine's human capital as a progressive imperative of social development in the course of European integration transformations.</p> <p><i>EXPECTED PRACTICAL RESULTS:</i></p> <p>WILL BE PUBLISHED: articles in journals indexed in the scientometric database Scopus or Web of</p>		
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					<p>Science – 1; articles in publications included in the list of scientific professional publications of Ukraine (cat. "B") – 7; abstracts – 10.</p> <p>Publications with the participation of students – 25, including 25 abstracts.</p> <p>Publications with the participation of PhD students – 2, including articles – 2, abstracts – 2.</p> <p>THE RESEARCH PROJECTS WILL BE DEFENDED ON THE TOPICS OF THE RESEARCH: Master's degree theses – 14, Bachelor's degree theses – 16.</p> <p>The results of the research work will be tested at the International and All-Ukrainian scientific and practical conferences, including the conference of the academic staff and researchers of the I. I. Mechnikov ONU.</p> <p>WILL BE HELD: conferences – 1.</p> <p>WILL BE UPDATE the educational and methodological support of the disciplines of the bachelor's cycle of professional training.</p> <p>PLANNED PREPARATION OF: plans of</p>		
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					<p>seminars and/or practical tasks in the disciplines «Psychohygiene of social work», «Career design in the social sphere», «Formation and development of personality in social work»...- 10.</p> <p>WILL BE DEVELOPED AND PUBLISHED methodological recommendations and guidelines for the disciplines «Management of professional documents», «System of social protection of the population», «Social pedagogy», «Formation and development of personality in social work», «Introduction to the specialty», «Fundamentals of social counselling», «Psychology of stress», «Social prevention» ...- 10.</p>		
39.	Psychological resources of a personality in the conditions of today's challenges	341	№750-18 from 05.05.23	<p>Zoia KIREIEVA, Doctor of Psychological Sciences, Full Professor z.kireeva@gmail.com</p>	<p><i>Expected scientific results:</i> Resilience resources and coping with chronic stress will be explored; an analysis of life-creating resources will be carried out personalities; music preferences as spiritual resources in the conditions of war will be studied; features of psychological resources in persons with addictions features will be generalized.</p> <p>Changes in the resource sphere during the first year of the war will be summarized; features of resilience and coping strategies in the conditions of military operations in Ukraine will be defined; motivational resources will be investigated (meanings,</p>	0123U102605	01.05.2023-31.12.2027

					<p>values, life goals) in individuals middle adulthood; psychological factors are substantiated well-being as criteria of mental health in adults will be generalized.</p> <p>Possibilities of assistance development of adaptation potential and personal resources will be explored.</p> <p><i>Expected practical results:</i></p> <p>The following will be published:</p> <p>Monographs - 1.</p> <p>Articles in the journals from the list of specialized scientific publications of Ukraine category B – 3.</p> <p>Abstracts of reports - 2.</p> <p>Educational and methodological manuals, methodological recommendations and/or methodical instructions - 1.</p> <p>It will be defended:</p> <p>master's theses – 3;</p> <p>bachelor's works – 3.</p> <p>Publications with the participation of graduate students – 1, of which sections in the collective monograph - 1.</p> <p>The received scientific results will be approbated at scientific and practical conferences of various levels, including conference of teaching staff and researchers of Odesa I.I. Mechnikov National University.</p> <p>An annotated report on the research work No. 341 for 2023 will be provided</p>		
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40.	Psychological and social hygiene and psychoprophylaxis in the protection of mental health and psychological well-being of the personality	348	№1158-18 from 29.06.23.	Eduard PSYADLO, Doctor of Biological Sciences, Professor	<p><i>Expected scientific results:</i></p> <p>A patent information search will be conducted on the subject of the GDR. Conceptual approaches to ensuring, preserving and supporting the mental health of an individual will be analyzed.</p> <p>It is planned to create a system model of psychological and social hygiene and psychoprophylaxis of the individual in crisis periods of life.</p> <p>The model of psychological and social hygiene and psychoprophylaxis of the individual in stressful life conditions will be substantiated.</p> <p>Methodological approaches aimed at the study of psychological and social determinants of hygiene and psychoprophylaxis will be investigated.</p> <p>A set of preventive measures aimed at supporting the psychological well-being and mental health of the individual in conditions of psychosocial stress will be proposed.</p> <p>A set of PD tools will be proposed for studying the determinants of the psychological well-being of an individual in conditions of psychosocial stress.</p> <p>Recommendations will be developed on the possibilities of supporting individual psychological well-being in conditions of</p>	In process	01.07.2023-31.12.2027
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				<p>psychosocial stress.</p> <p>Training programs on the problems of social and psychological adaptation and psychological support of persons engaged in special activities and psychosocial stress will be developed and tested.</p> <p>Publications aimed at improving the effectiveness of psychohygiene measures and psychoprophylaxis against the harmful effects of stressful conditions of activity will be prepared.</p> <p><i>Expected practical results:</i></p> <p>WILL BE PUBLISHED:</p> <p>articles in journals indexed in scientometric databases Scopus and/or Web of Science – 1;</p> <p>articles in publications included in the list scientific and professional publications of Ukraine (category "B") – 4;</p> <p>articles in other domestic publications – 2; abstracts - 10.</p> <p>Educational manuals, teaching-methodical manuals - 1.</p> <p>Methodological recommendations, methodical instructions - 2.</p> <p>Publications with the participation of</p>		
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					<p>graduate students - 6 of them articles – 1, abstracts – 5</p> <p>Publications with the participation of students - 10 of them articles – 1, abstracts – 9</p> <p>WILL BE PROTECTED on the subject of the GDR:</p> <p>thesis for obtaining a scientific degree doctor of philosophy (candidate of sciences) – 1;</p> <p>master's degree theses - 8.</p> <p>The results of the GDR will be tested at the International and All-Ukrainian competitions. scientific and practical conferences, including at the conference of professors and teaching staff (PVS) and researchers of ONU named after I.I. Mechnikova.</p> <p>WILL BE HELD: conferences – 1; round tables - 1.</p> <p>WILL BE UPDATED educational and methodological support from disciplines 053 Psychology</p> <p>SCHEDULED PREPARATION: plans for seminar classes and/or practical tasks in the educational disciplines "Pedagogical psychology and psychology of</p>		
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					education", "Clinical psychotherapy"		
					The results of the NDR will be implemented in the educational process - 1 act of implementation.		
					An annotated report on research work No. 348 for 2023 will be provided		
FACULTY OF ROMANCE AND GERMANIC PHILOLOGY							
41.	Systemic-structural and discursive-cognitive studies of the English-language picture of the world	190	№614-18 from 26.03.19	Irina KOLEGAEVA Doctor of Philology, Full Professor lexiskafedra@onu.edu.ua	Structural aspects of semasiology will be developed. Modern directions of discursive research will be analyzed and proposed. Modern aspects of the study of linguistic semantics will be analyzed. Modern methods of analyzing the picture of the world as an object of linguistic research will be presented.	0119U002438	01.04.2019-31.12.2023
42.	Study of prosodic characteristics of oral English-language discourse	191	№618-18 from 26.03.19	Nina KRAVCHENKO, Doctor of Philology, Full Professor phoneticsdepartment@onu.edu.ua	A generalized tonal contour of textual fragments belonging to various institutional discourses will be created with the help of instrumental analysis. The data obtained by instrumental means will be interpreted and their scientific justification will be presented.	0119U002439	01.04.2019-31.12.2023
43.	Linguoculture and identity from the cognitive discursive research perspective.	198	№673-18 from 01.04.19	Olena MATUZKOVA, Doctor of Philological Sciences, Full Professor kafedra.perevoda@onu.edu.ua	A model of the system-structural organization of identity will be developed. The linguistic-cultural hyperconcept ENGLISH IDENTITY will be constructed as an example of cognitive-discursive description of ethno-cultural collective identity.	0119U002440	01.04.2019-31.12.2023

44.	Study of the variation of communicative units in the conditions of the German space	199	№674-18 from 01.04.19	Iryna KULINA, PhD in Linguistics, Associate Professor kafedranemfil@gmail.com	A mechanism for the system-structural organization of communicative units in a communicative situation will be developed. Models of the variation of communicative units in the German-speaking area will be constructed.	0119U002441	01.04.2019-31.12.2023
45.	The study of foreign literature in the system of literary knowledge schools	200	№675-18 from 01.04.19	Nataliia (Natalya) DOLGA, PhD in Linguistics, Associate Professor dollnat08@gmail.com	The problems of the interdisciplinary school of literary studies will be outlined. Methods of analysis of cross-system literary compounds in English, German, French and Spanish literature will be developed. Mythopoetic criticism and its modifications in modern literary studies will be described. The methods of analysis of fiction will be presented from the perspective of the mythopoetic paradigm.	0119U002442	01.04.2019-31.12.2023
46.	Education of adult in Ukraine and the world	201	№678-18 from 01.04.19	Olga TSOKUR, Doctor of Pedagogy, Full Professor kafedpedagog@onu.edu.ua scokur@ukr.net	The current state and prospects for the development of adult education in Ukraine and the world will be established. The specifics of innovative models of adult education implementation in Ukraine and the world will be revealed. Innovative domestic and foreign experience in the organization of adult education will be compared and summarized. Educational and methodological support for the process of organizing adult education will be developed.	0119U002443	01.04.2019-31.12.2023

47.	Semantic-cognitive and functional-pragmatic research of the French language	202	№721-18 from 03.04.19	<p>Malvina MARINASHVILI, PhD in Linguistics, Associate Professor</p> <p>malvimari@ukr.net francais@onu.edu.ua</p>	<p>The means of reproduction in Ukrainian translations of the individual author style of Raymond Queneau will be established.</p> <p>A system of translation transformations at different levels of equivalence will be presented.</p> <p>Factors determining translation transformations will be determined.</p>	0119U002444	01.04.2019-31.12.2023
48.	Cognitive and pragmatic aspects of the study of language units in different types of discourse	203	№731-18 from 03.04.19	<p>Elena KARPENKO, Doctor of Philology, Full Professor</p> <p>english.grammar.dept@onu.edu.ua</p>	<p>Cognitive and functional structure of the message in different spheres of communication will be described.</p> <p>A typology of contextual models will be created based on the synthesis of textual concepts and other structural-pragmatic parameters and speech genre.</p> <p>Invariant features of the structure and semantics of the texteme (text) will be identified and described; their implicit meaning will be fixed.</p> <p>The role positions of communicators, their idea, intention and interactive strategies in creating text material will be analyzed.</p>	0119U002445	01.04.2019-31.12.2023

49.	Comprehensive study of the formation of foreign language professionally oriented communicative competence	204	№730-18 from 03.04.19	<p>Olena VASYLCHENKO PhD in Linguistics, Associate Professor</p> <p>elena.vasylchenko@onu.edu.ua</p>	<p>The influence of innovative technologies and strategies in teaching foreign languages on the formation of foreign language professionally oriented communicative competence will be established.</p> <p>A complex of principles, approaches, methods, and technological techniques will be revealed regarding their implementation in the process of forming professionally oriented intercultural communicative competence.</p> <p>The implementation of the investigated competence will be studied through the development of skills and abilities in the main types of speech activities including reception, production, interaction and mediation.</p>	0119U002446	01.04.2019-31.12.2023
50.	Methods of teaching a foreign language for field-specific and academic purposes	205	№2076-18 from 14.11.22	<p>Natalia BIGUNOVA Professor, Doctor of Philological Sciences</p> <p>natalbig@ukr.net</p>	<p>Modern methods of teaching English, German, French and modern Greek languages of professional and academic direction will be researched.</p>	0119U002447	01.04.2019-31.12.2023
51.	Research on the Spanish language (the problems of translation and the innovations in	206	№723-18 from 03.04.19	<p>Lyudmila GRYNKO, Candidate of Sciences in Spanish</p>	<p>Competences of students regarding written and oral translation skills will be improved.</p>	0119U002448	01.04.2019-31.12.2023

	teaching methods)			Philology, Associate Professor catedra.espanol@onu.edu.ua			
FACULTY OF PHILOLOGY							
52.	Borderlands as a Phenomenon in a Work of Art and in Literary Methodology	312	№904-18 from 03.06.21	Valentina MUSII (MUSIY), Doctor of Philology, Full Professor valentinanew2016@gmail.com	<p><i>Expected scientific results:</i></p> <p>The phenomenon of borderland will be considered at the level of an artistic text / artistic work (several works); the boundaries of paratextual elements and the text itself, the phenomenon of the polygenre nature of the work, the opening of the boundaries of a separate text and the formation of intertextual unity, etc. will be investigated. Hypotheses will be formed regarding each individual artistic text. The selection of methods for researching the phenomenon of the border at the level of text components or intertextual unity will be carried out.</p> <p>The content of the "periphery" category will be determined at the level of intratextual and intertextual connections (text and its framework elements, intertextual unity, hypertext, etc.); such phenomena as "hypertext" and "intertextual unity" will be studied, which are related to opening the boundaries of a separate text and establishing its connections with other artistic texts.</p> <p>The theoretical basis of the question of</p>	0121U111788	01.06.2021-31.12.2026

				<p>the essence of the category "borderline" will be developed at the level of the internal structure of the work of art and those parts of it that are on the border (title, epigraph. dedication and the text of the work itself), the text and extratextual elements, what constitutes intertextual unity and others.</p> <p>The meaning of such categories will be revealed as "peritext" and "epitext" (according to Jeanet), "heterotopia" (according to Foucault), "third space" (according to Bayard) and so on, and their place in the study of overcoming the boundaries between the text and its frame (title, dedication, notes), the space of the characters and the space of the reader.</p> <p>It is planned to apply theoretical provisions in the study of both individual concrete works of art and those that make up the hypertext, intertextual unity.</p> <p><i>Expected practical results:</i></p> <p>Will be published: Articles in journals included in scientometric databases (Scopus or Web of Science) – 1; articles in foreign publications included in other databases (Copernicus database) – 2; articles in publications included in the list of specialized scientific publications of Ukraine - 6; articles in other domestic publications (which are not professional) – 9;</p>		
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					<p>abstracts of reports – 3; educational aids - 1.</p> <p>Will be defended according to the subject of research project: term papers – 11; master's theses - 5.</p> <p>It is planned: - preparation for publication on the topic of scientific research project of 2 articles by graduate students; 5 articles by students (co-authored with the authors of research project #312)</p> <p>An annotated report on the research project for 2023 will be provided.</p>		
53.	The study of discursive specifics of communicative influence	197	№1397-18 from 20.06.19	<p>Tetiana KOVALEVSKA (Tetiana, Tatyana)</p> <p>Doctor of Philology, Full Professor</p> <p>kafukrmoaonu@ukr.net tetiana.kovalevs kaya@gmail.com</p>	<p><i>Expected scientific results:</i></p> <p>At the final stage of the research project implementation, relevant results will be presented. The representativeness of the relevant data will be checked, the theoretical and factual basis of the training manuals will be systematized.</p> <p><i>Expected practical results:</i></p> <p>Collective monograph on the problems of communicative influence issues will be prepared for being published; data for the next issue of "Notes on Ukrainian Linguistics" will be formulated. Scientific articles will be published by the executors of the topic (6), participation in scientific conferences will be taken (6 reports), a</p>	0119U103569	10.06.2019-31.12.2023

					doctoral dissertation will be prepared for defense, and further preparation of a PhD dissertation will be carried out. Report data on the scientific topic implementation will be prepared.		
54.	The study of discursive practices in Ukrainian literature of the XIX-XXI centuries	195	№1301-18 from 12.06.19	Tetiana SHEVCHENKO (Tatiana, Tatyana) PhD in Linguistics, Associate Professor shtn75@ukr.net	<p><i>Expected scientific results:</i></p> <p>Systematization and description of discursive models of Ukrainian literature as a solid concept will be carried out. It is expected that the conceptual analysis, which in the model of discursive analysis will be defined as semantic-cognitive analysis in accordance with the structure of the discourse. It will allow to outline the paradigm of culturally and historically important concepts, their mental nature, the dynamics of development and, at the same time, constant national and cultural concepts, their place in the creativity of an individual writer or writers of a certain era, the role of literature in the development of the conceptual sphere of the national-linguistic-cultural community.</p> <p><i>Expected practical results:</i></p> <p>Publication of articles and methodological developments is planned. It is planned to deliver at international, all-Ukrainian, regional conferences by teachers - 25 reports, including 3 reports by graduate students, 5 reports by students; defense of 2 master's theses and 10 graduation theses,</p>	0119U103568	01.09.2019-31.12.2023

					10 course papers. Annotated and final reports.		
---	Linguoculturological and Lexicographical Aspects of Linguistic Training for Foreigners	324	№425-18 from 28.03.22 Research work is closed by order №1101-18 from 22.06.23	Nataliia AREFIEVA, Doctor of Philological Sciences, Associate Professor n.arefieva@onu.edu.ua	<p><i>The scientific outcomes are as follows:</i></p> <p>There will be given critical analysis of domestic and foreign studies in the field of linguistic and culturological as well as lexicographical approaches in the process of linguistic training for foreigners.</p> <p>There will be formed theoretical basis of using linguistic and culturological as well as lexicographical approaches in the process of teaching grammar, vocabulary and phraseology, stylistics for foreigners.</p> <p>There will be highlighted a number of problems, related to the improvement of modern domestic and foreign studies in the field of linguistics and culturology as well as lexicography in the aspect of linguistic training for foreigners.</p> <p>There will be developed a theoretical and methodological basis of the further formation of communicative competence of inophones.</p> <p><i>There will be published:</i></p> <p>1 article in a journal, indexed in the scientometric database Scopus or Web of Science;</p> <p>6 articles in the professional bulletins of category B;</p>	0122U002403	01.02.2022-31.12.2026

					<p>4 articles in foreign editions, which are included in other databases (Index Copernicus);</p> <p>6 articles in other editions of Ukraine;</p> <p>4 report theses;</p> <p>1 methodical manual;</p> <p>2 dictionaries;</p> <p>1 manual of methodical institutions (recommendations)</p> <p>There will be published (together with students):</p> <p>1 report theses</p> <p>A compendium of scientific articles «Contemporary problems of language teaching methods and training for foreigners in institutions of higher education» (Issue 3).</p> <p>It is planned to hold an inter-departmental seminar, devoted to the linguistic and culturological as well as lexicographical aspects of linguistic training for foreigners. There will be presented an annotated report on the scientific research works (for 2023).</p>		
55.	Actual problems of Slavic languages and literatures in synchrony and diachrony	327	№1027-18 from 30.06.22	Olena VOITSEVA, Doctor of Philology, Full Professor	<p><i>Expected scientific results:</i></p> <p>The ethnolinguistic paradigmatic and syntagmatic structure of several Slavic languages will be expanded, diversified, and</p>	0122U200726	01.07.2022-31.12.2026

				<p>vlen@meta.ua</p>	<p>proved:</p> <ol style="list-style-type: none"> 1) self-identification criteria of Ukrainian and other Slavic peoples will be identified and justified; 2) differences in the self-identification criteria of Ukrainians, other Slavic peoples, and non-Slavs will be identified and proven; 3) the current state of national and international Slavic linguistic, artistic, spiritual symbols, habits, rites, etiquette and behavioural customs will be determined and analysed; 4) a comparative diachronic analysis of artistic, spiritual symbols, rites, etiquette and behavioural traditions of various Slavic peoples will be held on the textual material in order to reveal the reasons and roots of these phenomena. <p><i>Expected practical results:</i></p> <p>The following will be published:</p> <p>articles in journals included in the metric databases Scopus or Web of Science - 2; articles in issues included to the list of scientific specialized Ukrainian issues of category B - 10; articles in foreign issues included in other databases (Copernicus database and others) – 6; articles in other editions in Ukraine – 9;</p>		
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					<p>chapters in the collective monograph in Ukraine – 1; chapters in the collective monograph abroad – 1; report abstracts – 2; handbook – 1; recommendations for courses (guidelines): - 2. Articles published together with students - 2. On the subject of the RP will be defended: PhD theses - 1, 1 of them by young scientists; master's theses - 3; course papers of bachelors – 4. Approbation of the scientific results at scientific and practical conferences of various levels is planned – 10 reports. The preparation of the scientific articles issue ("Language" journal) is planned - 2. The annotated report on the RP (for 2023) will be presented.</p>		
56.	Applied aspects of language communication research: cognitive and discourse parameters	334	№326-18 from 03.03.23	<p>Natalia KONDRATENKO, Dr Hab, Professor kondr_nat@ukr.net</p>	<p><i>Expected scientific results:</i></p> <p>The theoretical and methodological principles of the study of language communication in cognitive and discursive dimensions will be summarized. The European vector of the development of philological research will be considered. Features of communicative interaction in network, media and political discourses will be revealed. The specificity of the</p>	0123U102224	01.03.2023-31.12.2027

				<p>representation of verbal aggression in discursive interaction will be determined.</p> <p>The theoretical and methodological approaches of discourse, linguocognitive and linguopragmatic analysis of language communication will be summarized.</p> <p>The discourse of social networks will be considered in terms of the use of verbal aggression in posts and comments.</p> <p>A linguistic corpus of texts of presidential speeches will be created and the main speech genres of the presidential discourse will be analyzed.</p> <p>The dynamics of ethno stereotypes in the linguistic consciousness of Ukrainians will be traced.</p> <p><i>Expected practical results:</i></p> <p>Will be published:</p> <p>articles in journals indexed in the scientometric database Scopus or Web of Science - 2 (Scopus-1, Web of Science - 1); articles included in the list of specialized scientific publications of Ukraine category B - 10; articles in other national publications – 10; theses – 4; methodical recommendations - 2; monographs – 1; 2 part of monographs, 1 of which abroad.</p> <p>Publications with the participation of</p>		
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					<p>students - 4, of which articles - 3, theses of reports - 1. Publications with the participation of postgraduate students - 4, of which articles - 4.</p> <p>The scientific researches will be protected: PhD – 1, of which young scientists – 1; master's - 3. The results of the SRW will be tested at International and Ukrainian scientific and practical conferences devoted to linguistic issues in the conditions of European integration, including at the conference of professors and teaching staff and scientific workers of Odesa I.I.Mechnikov National University (2023).</p> <p>Planned preparation: lecture texts, plans for seminar/practical classes, tasks for laboratory and practical work, independent work of applicants for the academic disciplines "Linguopragmatics", "Sociolinguistics and the foundations of language policy".</p> <p>An annotated report on the SRW (for 2023) will be presented.</p>		
FACULTY OF GEOLOGY AND GEOGRAPHY							
57.	Features of the formation of regional recreational complexes in the	316	№1275-18 from 05.10.21	Oleksandr TOPCHYIV, Doctor of Geographical	<p><i>Expected scientific results:</i></p> <p>The functional taxonomy of recreational and tourist activities will be deepened. The place and role of residential recreation and</p>	0121U113483	01.09.2021-31.12.2025

	Ukrainian Black Sea region			Sciences, Full Professor	<p>its main forms will be determined. The population of the region will be studied as the main factor of recreational and tourist activity and a component of the recreational and tourist potential of the regional recreational complex of the Ukrainian Black Sea region. The component-sectoral classification of the components of the recreational and tourist potential of the Ukrainian Black Sea region also classification of the components of the recreational and tourist potential by types and forms of recreational and tourist activities will be substantiated.</p> <p><i>Expected practical results:</i> The following articles will be published: articles in journals indexed in the scientometric database Scopus or Web of Science – 2 (in particular, in the Scopus database – 1, in the Web of Science database – 1); conference materials indexed in the scientometric database Scopus or Web of Science – 1 (in particular, in the Scopus – 1 database); articles in journals included in the list of scientific professional publications of Ukraine of Category B – 3; articles in foreign publications included in other databases (PBN/POL-Index, Index Copernicus, etc.) – 1; abstracts – 4. Publications with the participation of students – 4, including</p>		
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					<p>articles – 1; abstracts – 3. Publications with the participation of graduate students – 6, including articles – 2; abstracts – 4. Will be defended on the subject of research: master's works – 2. Planned: conferences – 2; testing of the obtained scientific results at scientific and practical conferences of various levels – 2. An act of implementation in the educational process will be received – 1. An annotated research report (for 2023) will be provided.</p>		
58.	Anthropogenic changes on the coast of the classical liman type (on the example of the Black and Azov Seas within Ukraine)	328	№1128-18 from 12.07.22	<p>Yuri SHUISKY, Doctor of Geographical Sciences, Full Professor</p> <p>physgeo_onu@ukr.net</p>	<p><i>Expected scientific results:</i></p> <p>1.To continue the monitoring of coastal systems in the conditions of modern climate changes and the impact of anthropogenic activity on the coast of the Black and Azov seas within Ukraine.</p> <p>2.The collection and processing of material related to the hydrometeorological regime and the calculation of sediment movement on the underwater slope and coast from Cape Velikiy Fontan to the Danube Delta will be carried out.</p> <p>3.To continue data collection and analysis of the stationary observation stations in the study area.</p> <p><i>Expected practical results:</i></p> <p>Articles in journals indexed in the</p>	0122U201195	01.07.2022-31.12.2026

					<p>scientometric database Scopus or Web of Science - 2.</p> <p>Materials of conferences, which are indexed in the scientometric database Scopus or Web of Science (in particular in Scopus) – 1.</p> <p>Articles in journals included in the list of specialized scientific publications of category B of Ukraine – 4.</p> <p>Articles in foreign journals included in other databases BD (PBN/POL-Index, Index Copernicus, etc.) – 1.</p> <p>Theses of reports – 5.</p> <p>The publications involving students - 3: 1 article, 2 theses of reports.</p> <p>The publications involving postgraduates – 2: 1 article, 1 theses of reports.</p> <p>Master thesis defense on the subject of the SRW (scientific research work) - 11</p> <p>Scheduled: conferences – 1, approbation of the obtained scientific results at the various level conferences.</p> <p>An annotated report on the scientific research work will be provided (2023).</p>		
59.	Sustainable land use in the southern region of Ukraine: current problems and ways to solve them	330	№2078-18 from 14.11.22	Andrii BUIANOVSKYI, PhD (Geographer science), Associate Professor	<p><i>Expected scientific results:</i></p> <p>The theoretical and methodological approaches to defining the concepts of land use, sustainable land use will be summarized, methodological and practical aspects of ecologically safe land use will be added.</p>	0122U201820	01.01.2023-31.12.2027

				<p>The author will analyze the existing scientific literature, Internet and stock sources on the theoretical and methodological substantiation of the definitions of land use and sustainable land use, and will conduct a comparative analysis of the achievements of various scientific schools regarding methodological approaches (the essence of methods and techniques) to the study of sustainable land use.</p> <p>Sustainable land use will be considered: from the theory of environmentally sound to the practice of sustainable land use, and the factors of environmentally sound sustainable land use will be explored.</p> <p><i>Expected practical results:</i> To be published: articles in journals included in the list of scientific professional publications of Ukraine of category B - 3; articles in other domestic publications - 1; abstracts - 6; textbooks, manuals, dictionaries, reference books - 2.</p> <p>Publications with the participation of postgraduate students - 6, including articles - 2, abstracts - 4.</p> <p>Publications with the participation of students - 2, including abstracts - 2.</p> <p>To be defended on the topic of Scientific Research Work: master's theses - 7.</p>		
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					<p>The results of the Scientific Research Work will be tested at International and All-Ukrainian scientific and practical conferences, including presented at the conference of the teaching staff and researchers of the Odesa I. I. Mechnikov National University.</p> <p>There will be held: conferences - 1; round tables - 1.</p> <p>It is planned to prepare: texts of lectures, plans of seminars / practical classes, tasks for laboratory and practical work, independent work of applicants for the disciplines "Soil Science with the basics of geology", "Soil Science with the basics of soil geography", "Biogeography with the basics of ecology".</p>		
FACULTY OF CHEMISTRY AND PHARMACY							
60.	Study of the structure and functional properties of nanostructured oxides and metal complexes of transition metals	310	№162-18 from 09.02.21	<p>Tatyana RAKITSKAY, Doctor of Chemical Sciences, Full Professor, Honoured Scientist of Ukraine, Academician of the Engineering Academy of Ukraine</p> <p>tlr@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>The conditions for the synthesis and investigation of the structure of manganese oxides of various structures and complexes of leucينات of 3d metals with thiosemicarbazide will be optimized, and the chemisorption-catalytic properties of Cu(II)-Pd(II)/vermiculite samples relative to SO₂ will be determined.</p> <p>Methods of synthesis of birnessite and hausmannite will be optimized and their structure, morphology and physicochemical properties will be investigated.</p>	0121U109168	01.03.2021 - 31.12.2025

				<p>The phase and elemental composition, morphology, adsorption and catalytic properties of vermiculite and copper-palladium catalysts based on it will be determined before and after the reaction with SO₂.</p> <p>Synthesis methods will be developed, the composition and structure of complexes of 3d-metal leucينات with thiosemicarbazide will be determined, and the spectral properties of the obtained compounds will be investigated.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals indexed in the scientometric database Scopus and/or Web of Science – 1 (Scopus); articles in journals included in the list of scientific specialized publications of Ukraine – 1; abstracts of reports – 3; teaching and methodical aids – 1 . Publications with the participation of graduate students – 2, of which articles – 1, abstracts of reports – 1. Publications with the participation of students – 4, of which articles – 1, abstracts of reports – 3. It will be defended according to the subject of research project: master's theses – 2. The results of research project will be</p>		
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					<p>presented at scientific and practical conferences of various levels (3 reports). Texts of lectures and plans of seminar classes will be prepared for educational disciplines, in particular for education. disciplines "New materials..." (masters) One Patent of Ukraine for an invention and an act of implementing the results of research project into the educational process will be received.</p>		
61.	<p>Synthesis and properties of condensation products of substituted naphthalic acid anhydrides with aromatic and aliphatic diamines</p>	301	<p>№566-18 from 24.03.20</p>	<p>Nadiia FEDKO (FED'KO), Ph.D. in Chemistry, Associate Professor</p> <p>fedko@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>Methods of synthesis of 1,8-naphthoylene-acenaphtho[4,5-d]imidazoles - condensation products of mono- and disubstituted naphthalic anhydrides with 4,5-acenaphthenediamine will be developed.</p> <p>Various options for the assembly of electron-donor substituted 1,8-naphthoylene-acenaphtho[4,5-d]imidazoles will be studied using cyclocondensation of the corresponding naphthalic anhydrides with 4,5-acenaphthenediamine and nucleophilic substitution of halogen atoms in halogen-substituted 1,8-naphthoylene-acenaphtho[4,5-d]imidazoles.</p> <p>The effect of the nature, number and position of substituents in the naphthalene fragment of condensation products on their color and luminescence intensity will be investigated.</p> <p>The physical and chemical properties of</p>	0120U102722	01.04.2020-31.12.2024

					<p>the obtained 1,8-naphthoylene-acenaphtho[4,5-d]imidazoles will be investigated and the possibility of using these compounds as luminescent materials will be studied.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals included in the list of specialized scientific publications of Ukraine - 1; theses of reports - 1.</p> <p>It will be protected according to the subject of research project: term papers - 1.</p>		
62.	Chemical transformation of synthetic mesosubstituted porphyrins and their metal complexes	315	№1252-18 from 08.07.21	Yuri ISHKOV, Doctor of Chemical Sciences, Full Professor	<p><i>Expected scientific results:</i></p> <p>The interaction of β-acroleinyl-meso-tetraphenylporphyrin metal complexes with aliphatic symmetrical ketones and the interaction of β-acroleinyl-meso-tetraphenyl-porphyrin metal complexes with aryl-alkyl ketones will be investigated. A convenient and effective method of obtaining 2-acetyl-meso-tetraphenylporphyrin will be developed and its synthesis will be carried out in the amount required for further research.</p> <p><i>Expected practical results:</i></p> <p>Articles will be published in journals included in the scientometric databases Scopus, Web of Science – 2 (Scopus); Articles in journals included in the list of scientific specialized publications of Ukraine</p>	0121U113266	01.07.2021-30.06.2026

					<p>of category "B" - 2; abstracts of reports – 2. Educational and methodological guide – 1. Publications with the participation of graduate students – 1, including articles – 1. Publications with the participation of students – 2, including abstracts of reports – 2. Will be defended on the subject of research project: coursework – 1.</p>		
63.	<p>Scientific substantiation and improvement of physicochemical methods for extracting and concentrating some valuable components and pollutants from solutions</p>	322	<p>№128-18 from 21.01.2022</p>	<p>Olena STRELTSOVA, Doctor of Chemistry, Professor</p> <p>elen_streltsova@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>The regularities of the association of polyelectrolytes and surfactants in solutions will be established.</p> <p>The mechanism of the formation of polymer-colloid complexes will be revealed by evaluating the contribution of competing interactions in the processes of association of a polyelectrolyte with an oppositely charged surfactant.</p> <p>Peculiarities of the process of self-organization of the resulting systems in water-organic environments will be investigated.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals indexed in the scientometric database Scopus and/or Web of Science - 1; articles in journals included in the</p>	0122U002300	01.01.2022-31.12.2025

					<p>list of specialized scientific publications of Ukraine - 1; educational and methodical and methodical manuals – 2; theses of reports - 1.</p> <p>The obtained scientific results of scientific research project will be tested at scientific and practical conferences of various levels. Publications with the participation of students - 2, of which articles - 1; theses of reports - 1.</p> <p>It will be defended according to the subject of research project: master's theses - 3; term papers - 1.</p> <p>Texts of lectures and plans for seminar classes will be prepared for the academic disciplines: "Physical Chemistry", "Colloidal Chemistry of Oil and Oil Products".</p> <p>The results of research project will be implemented in the educational process - 1 act of implementation.</p> <p>An annotated report on the research project for 2023 will be provided.</p>		
64.	Development and improvement of combined methods of quality control of pharmaceuticals, food products and environmental objects	323	№127-18 from 21.01.2022	Denys SNIGUR, Ph.D. in Chemistry, Associate Professor 270892denis@gmail.com	<p><i>Expected practical results:</i></p> <p>The features of production will be studied and the possibilities and prospects of using "green" supramolecular solvents for the purposes of analytical preconcentration of organic and inorganic analytes will be evaluated. Methods for determining the active components of pharmaceutical preparations will be</p>	0122U002302	01.01.2022-31.12.2026

					<p>developed and validated.</p> <p><i>Expected practical results:</i></p> <p>Articles will be published in journals included in the scientometric databases Scopus, Web of Science – 1 (Scopus); articles in journals included in the list of scientific specialized publications of category B - 2; abstracts - 3.</p> <p>Publications with the participation of graduate students - 3, including articles - 1, abstracts - 2.</p> <p>Publications with the participation of students - 2, including abstracts - 2.</p> <p>Will be defended master's theses - 3; bachelor's theses - 2.</p>		
65.	Pharmacological correction of simulated pathological conditions through the use of developed dosage forms	326	№920-18 from 27.06.2022	<p>Alona TSISAK (Alona KOBERNIK), Ph.D. in biology, Associate Professor</p> <p>kobernik@onu.edu.ua</p>	<p><i>Expected scientific results:</i></p> <p>Optimum technological conditions for the extraction of raw materials will be selected (solvent, solvent concentration, hydromodule, degree of grinding of plant raw materials, extraction method, etc.) in order to extract the maximum amount of biologically active substances.</p> <p>Scientific and technological substantiation of the composition of dosage forms (DF) and their standardization will be carried out.</p> <p><i>Expected practical results:</i></p>	0122U200545	01.07.2022-31.12.2026

					<p>Will be published: articles in journals included in the scientometric databases Scopus, Web of Science – 1 (1 article in Scopus); articles in journals included in the list of scientific specialized publications of Ukraine (category B) – 2; methodical recommendations or methodical instructions – 1; abstracts of reports at conferences – 5. The obtained scientific results of the research work will be tested at scientific-practical conferences of various levels. Publications with the participation of students - 2, including abstracts of reports – 2. Based on the results of the study, it is planned to defend course and diploma theses for obtaining the degrees of "Bachelor" and "Master"- 5 (including master's theses – 2). A conference will be held with the participation of employees of the department of pharmacology and drug technology of Odesa I. I. Mechnikov National University - 2: scientific conference of professors and teaching staff and scientific workers of Odesa I. I. Mechnikov National University; student scientific conference. An act of implementing the results of research work into the educational process will be received – 1.</p>		
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66.	Chemical construction of organo-inorganic ensembles of coordinating, supramolecular, polymeric nature for use as new materials and pharmaceuticals	329	№ 1579-18 from 16.09.2022	<p>Olena MARTSINKO, Doctor of Chemical Sciences, Full Professor</p> <p>martsinkoelena@gmail.com</p>	<p><i>Expected scientific results:</i></p> <p>The methods of synthesis will be developed, the supramolecular organization will be established, and the enzyme effector properties of double coordination salts with malatostane/germanate(IV) anions and complex cations Fe(II), Co(II), Ni(II), Cu(II) with 1,10- phenanthroline.</p> <p>The peculiarities of obtaining tartarto- and gluconatogermanates with organic cations and hybrid organic-inorganic ensembles based on hydroxyethylidenediphosphonatogermanates of 3d metals with 1,10-phenanthroline will be revealed, the influence of their composition and synthesis conditions on the supramolecular organization and functional properties will be investigated.</p> <p>N,N-diethyl-, N-pentamethylene-, N-oxydiethylenethiocarbamoyl-N'-cyclohexylsulfenamides and coordination compounds of copper(II) chloride with them will be synthesized and investigated by the methods of elemental analysis, conductometry, IR, electronic, EPR spectroscopy, magnetochemistry and derivatography.</p> <p>The formation conditions, structure, and biological properties of supramolecular salts based on hydrazide/hydrazone cations and chlorometalates Co(II), Zn(II), Fe(II, III),</p>	0122U201403	01.10.2022-31.12.2026
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				<p>Sn(IV) will be established.</p> <p>The influence of bimetallic complex compounds Ge(IV), Sn(IV) with hydroxocarboxylic acids on the kinetics and temperature coefficient of copolymerization with monomer - methyl methacrylate and oligomer - triethylene glycol dimethacrylate will be investigated.</p> <p><i>Expected practical results:</i></p> <p>The following will be published: articles in journals included in the scientometric databases Scopus, Web of Science – 4; articles in journals included in the list of scientific specialized publications of Ukraine - 2; educational and methodical manuals – 2; theses of reports - 3. Publications with the participation of graduate students – 4, including 2 articles, 2 report abstracts. Publications with the participation of students - 2, including abstracts of reports - 2. It will be defended according to the subject of research project: master's theses - 1. A Doctor of Philosophy thesis (postgraduate student O.O. Kiose) will be submitted for defense on the subject of research project.</p>		
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