

Ministry of Education and Science of Ukraine
Sumy National Agrarian University
Faculty of Economics and Management
Department of Public Management and Administration

Working program (syllabus) educational component

OK 2 Research Methodology and Upholding the Principles of Academic Integrity
(required OK)

Specialty	Management
Educational program	Administrative management
Level of higher education	second (master's)

Creators:



Tetyana Kharchenko, Doctor of Science (Public Administration), professor

Considered, reviewed and approved on the meeting of the department of **Public management and administration**

Protocol №19 dated May 11 2026

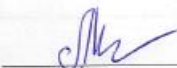
Head of Public Management and Administration Department



Alina BRYCHKO

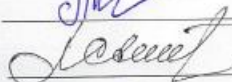
Approved by:

Guarantor of the Academic program



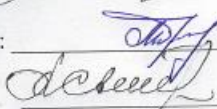
Larysa KALACHEVSKA

Dean of the Faculty

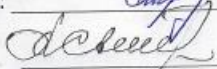


Svitlana LUKASH

Syllabus review (attached) is provided by:

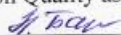


Alina BRYCHKO



Svitlana LUKASH

Representative of the Department of Education Quality assurance, licensing and accreditation



(N. Baranik)

Registered in electronic data base

24.06.

2026

Information on reviewing the work program (syllabus):

Academic year in which changes are made	Number of the appendix to the work program with a description of the changes	Changes reviewed and approved		
		Date and number of the minutes of the department meeting	Head of the Department	Educational program guarantor

1. GENERAL INFORMATION ABOUT THE EDUCATIONAL COMPONENT

1	Name OK	Discipline OK 2 Scientific Research Methodology and Maintaining the Principles of Academic Integrity		
2	Faculty/department	Faculty of Economics and Management/Department Public management and administration		
3	Status OK	Mandatory		
4	Program/Specialty(s) that include OK	OP "Administrative Management", specialty D3 "Management"		
5	The OK can be offered for (- filled in for selective OKs)			
6	NQF level	of Ukraine – level 7, FQ-EHEA – second cycle, EQF-LLL – level 7		
7	Semester and duration of study	1 semester, 15 weeks		
8	Number of ECTS credits	5		
9	Total hours and their distribution	Contact work (classes)		Independent work
		Lectures	Practical/seminar	Laboratory
	Full-time study	30	30-	-
	Correspondence form of study	90		
		Exam		
10	Language of instruction	Ukrainian		
11	Teacher/Educational Component Coordinator	Kharchenko Tetyana Oleksandrivna, Doctor of Public Administration, Associate Professor, Professor of the Department of Public Management and Administration		
11.1	Contact information	Auditorium 310, tel. +380661173497, E - mail : tetyana_22_82@ukr.net ; Consultation hours – every Tuesday at 12:15, room 310		
12	General description of the educational component	Research Methodology and Upholding the Principles of Academic Integrity , as an academic discipline, provides the formation of the ability to solve complex specialized tasks in the field of management with an understanding of the nature and content of sound knowledge about scientific research. The discipline is aimed at mastering the modern methodology of scientific knowledge and the latest methods of scientific research, expanding their general horizons and erudition, independent and creative use of general scientific methodology in the course of scientific research and practical activities. The educational component covers all thematic blocks necessary for the formation of modern scientific and ethical thinking and a system of special knowledge in masters regarding a holistic view of science as a system of knowledge and a tool of cognition, scientifically based views on the methodology of scientific knowledge, the essence of general scientific and special methods and principles of conducting research using modern information media and formatting the results obtained, their use in practical activities, as well as planning and organizing scientific research work, forming and substantiating scientific hypotheses, and basic concepts regarding the fundamental foundations of academic integrity and ethics of scientific research. The educational component is aimed at forming in higher education applicants a system of theoretical knowledge and applied skills regarding the use of a wide range of academic integrity and the organization of scientific research and the acquisition by the applicant of basic competencies regarding the conduct of educational and scientific activities, in particular when writing a qualification paper.		

13	Purpose of the educational component	Providing the necessary amount of fundamental theoretical and practical knowledge in the field of scientific research methodology and the formation and development of the ability to independently solve problems in the process of scientific activity, which will contribute to the development of creative thinking and the ability to apply the latest methodological tools in solving complex tasks and problems in the field of management and administration
14	Prerequisites for studying OK, connection with other educational components of OP	1. The educational component is the basis for internships and diploma design and defense of qualification work. 2. There are no restrictions on studying
15	Academic Integrity Policy	According to the Code of Academic Integrity of Sumy NAU, academic integrity is a set of principles and rules of conduct for participants in the educational process, aimed at forming an independent and responsible personality capable of solving problems in accordance with the educational level in compliance with the norms of law and public morality. Compliance with academic integrity by higher education applicants involves: independent completion of educational tasks, tasks of current and final control, learning outcomes; reference to sources of information when using ideas, developments, statements, information; compliance with the norms of legislation on copyright and related rights; provision of reliable information about the results of one's own educational activities, research methods used, and sources of information. It is expected that higher education applicants will adhere to the principles of academic integrity, being aware of the consequences of its violation, which is determined by the regulatory documents of Sumy National Agrarian University, in particular the Code of Academic Integrity, the Regulations on the Prevention and Detection of Academic Plagiarism at Sumy NAU (a full list of regulatory documents is posted on the university website https://snau.edu.ua/viddil-zabezpechennya-yakosti-osviti/zabezpechennya-yakosti-osviti/akademichna-dobrochesnist/). For violation of academic integrity, higher education applicants may be held accountable for the following academic responsibilities: retaking the assessment (test, exam, credit, etc.); retaking the course; expulsion from the university; (Part 5 of Article 48 of the draft Law of Ukraine "On Education"). Practical work on the discipline is performed according to individual tasks that students receive from the teacher. All works are checked for plagiarism and are allowed to be defended provided that the text borrowings are no more than 20%. In case of non-compliance with these requirements, the work is returned for revision. If a repeated violation of the requirements of academic integrity is detected, the student is not allowed to defend. In case of performing practical work not according to the received task, the results are canceled, and the student receives a new topic for study.
16	Link to the course in Moodle	https://cdn.snau.edu.ua/moodle/course/view.php?id=3700
17	Keywords	method, methodology, scientific research, theoretical approaches, conceptual foundations, scientific research, academic integrity, plagiarism

2. LEARNING OUTCOMES BY EDUCATIONAL COMPONENT AND THEIR RELATIONSHIP WITH PROGRAM LEARNING OUTCOMES

Learning outcomes for OK: After studying the educational component, the student is expected to be able to...	Program learning outcomes that the OC aims to achieve (indicate the number according to the numbering given in the OP) ¹			How is RND assessed?
	PR1. Critically evaluate, select, and use the necessary scientific, methodological, and analytical tools for management in unpredictable conditions.	PR11. Ensure personal professional development and time management.	PR16. Conduct marketing research on selected value chains using a range of relevant analytical tools and methods.	
DRN 1. Distinguish scientific knowledge from cognitive phenomena of a different kind, possess the categorical conceptual apparatus of the philosophy of science, including in the field of management and administration	x			Tests, individual survey
DRN 2. Demonstrate the necessary theoretical and practical knowledge of scientific research methods, the ability to determine priority areas for the development of management and administration	x		x	Abstract, tests
DRN 3. Based on knowledge of the methodology of scientific knowledge, choose and use methods of scientific research adequate to the object of research and interpret their results	x		x	Abstract, tests
DRN 4. Conduct information-analytical and information-bibliographic work using modern information technologies	x	x		Presentation of individual research, tests
DRN 5. Plan, organize and conduct scientific research		x		Scientific research calendar Analytical review of scientific research
DRN 6. Summarize the results of research and analytical work in the form of abstracts (articles)	x		x	Thesis (article)
DRN 7 Give a moral assessment of one's own actions, correctly rely on sources of information when borrowing ideas,	x			Plagiarism report theses (articles), review of the thesis (article) of

¹Must comply with the Matrix of ensuring program learning outcomes by the relevant components of the educational program, indicated for mandatory educational components of OP I and II levels, for all (mandatory and selective OK) OP III

statements, and information, being aware of the norms of academic integrity				another student in the group
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3. CONTENT OF THE EDUCATIONAL COMPONENT (COURSE PROGRAM)

Topic. List of issues to be addressed within the topic	Distribution within the total time budget (d/h)		Independent work	Recommended reading ²
	Classroom work			
	LC	Software		
	Daily	Daily		
<i>Topic 1. Science and scientific research in the modern world</i> 1. The concept of science and scientific research as components of culture. 2. Characteristic features, components of information systems and technologies as objects of scientific research and the main functions of science 3. Organization of scientific activity in Ukraine.	2	2	8	1-8, 23-32
<i>Topic 2. Understanding scientific research</i> 1. The concept of the object and subject of scientific research. 2. Scientific research as a process. 3. Classification of scientific research	2	2	8	1-8, 23-32
<i>Topic 3. Open Science</i> 1. The concept of open science (UNESCO). 2. Components of open science. 3. Values and principles of open science. 4. Benefits and risks of open science.	2	2	8	1-10
<i>Topic 4. General characteristics of scientific research methodology</i> 1. Broad and narrow understanding of methodology. Concepts of method, methodology, and levels of scientific research. 2. Structure of the content methodology 3. Basic methodological principles of scientific research. 4. Methodology of scientific research in the field of information systems and technologies .	4	4	7	1-8, 18
<i>Topic 5. Scientific knowledge as the basis of scientific research</i> 1. Scientific knowledge and its characteristics. Scientific knowledge as a relatively independent, purposeful cognitive activity. Components of scientific knowledge. 2. Principles of scientific knowledge. 3. Levels of scientific knowledge (theoretical, empirical).	2	2	8	1-8, 21
<i>Topic 6. Scientific research methods</i> 1. Method as a well-founded and effective system of actions to achieve certain goals 2. Functions of the method. The question of the dependence of research results on the method.	4	4	7	1-8, 18

²Specific source from the main or additionally recommended literature

3. Characteristics of theoretical and empirical methods of cognition.				
4. Types and forms of research work of masters of information systems and technologies.				
<i>Topic 7. System of organizing scientific activities</i> 1. The concept of relevance of scientific research. 2. Stages of determining the topic of scientific research. 3. Defining the goal, objectives, object and subject of research, understanding the difference between these concepts. 4. The concept of scientific novelty.	4	4	7	1-8, 22
<i>Topic 8. Search and processing of scientific information</i> 1. The essence, types, role and significance of scientific information. 2. The procedure for searching for scientific information. 3. Types of information sources. Search engines for scientific information. 4. Artificial intelligence in scientific research.	2	2	8	1-8, 14, 21
<i>Topic 9. Presentation of scientific research</i> 1. Literature review. 2. Participation in the development of state budget and economic contract topics of the department. Participation in competitions of scientific works of master's students, scientific and practical conferences. 3. Writing a scientific report, scientific article. 4. Planning research work by a master's student.	2	2	8	1-8, 23-32
<i>Topic 10. The essence of academic integrity and its fundamental values</i> 1. The essence and components of academic integrity. 2. Fundamental values of academic integrity. 3. Legal support for academic integrity. 4. Components of academic dishonesty and responsibility for violations of academic integrity.	2	2	7	1-8, 9-17
<i>Topic 11. Principles of the academic integrity system</i> 1. System for ensuring academic integrity . 2. The culture of a scientist and the principles of academic integrity. 3. Ethics of scientific activity. 4. Responsibility for violation of the principles of academic integrity.	2	2	7	1-8, 9-17
<i>Topic 12. Plagiarism, methods of its detection and preventive measures</i> 1. The essence and types of plagiarism. 2. Requirements for the uniqueness of scientific works and responsibility for plagiarism. 3. Methods and tools for detecting and preventing plagiarism.	2	2	7	1-8, 9-17
Total	30	30	90	

4. TEACHING AND LEARNING METHODS

DRN	Teaching methods (work that will be carried out by the teacher during classroom lessons, consultations)	Number of hours	Teaching methods (what types of learning activities should the student perform independently)	Number of hours
		Daily		Daily
DRN 1. Distinguish scientific knowledge from cognitive phenomena of a different kind, possess the categorical conceptual apparatus of the philosophy of science, including in the field of management and administration	Multimedia lecture Flipped classroom or learning through dialogue Discussion Classroom Response System (CRS) ("clicker") (gaming learning platforms: Socrative, Kahoot !)	12	Reading (studying theoretical material) Research the problem (library, online publications and recommended sources of information) Self-assessment of knowledge	17
DRN 2. Demonstrate the necessary theoretical and practical knowledge of scientific research methods, the ability to determine priority areas for the development of management and administration	Multimedia lecture Review and problem lectures, explanations, illustrations Flipped classroom or learning through dialogue Work in practical classes Classroom Response System (CRS) ("clicker") (gamified learning platforms: Socrative, Kahoot !)	10	Reading (studying theoretical material) Peer to peer learning Researching the problem, preparing an essay Self-assessment of knowledge	15
DRN 3. Based on knowledge of the methodology of scientific knowledge, choose and use methods of scientific research adequate to the object of research and interpret their results	Multimedia lecture, lecture-discussion, Case study method	8	Reading (studying theoretical material) Collection of information material (financial statements of the research object, the Internet), its analysis	14
DRN 4. Conduct information-analytical and information-bibliographic work using modern information technologies	Multimedia lecture Work in practical classes Classroom Response System (CRS) (clicker) (gaming learning platforms: Socrative, Kahoot!) Socrative, Kahoot !)	4	Reading (studying theoretical material) Performing practical work Self-assessment of knowledge	8

DRN	Teaching methods (work that will be carried out by the teacher <u>during classroom lessons</u> , consultations)	Number of hours	Teaching methods (what types of learning activities should the student <u>perform independently</u>)	Number of hours
		Daily		Daily
DRN 5. Plan, organize and conduct scientific research	Review lecture Dialogue, explanation	10	Drawing up a calendar plan for your own scientific research Analytical review on the topic of scientific research	14
DRN 6. Summarize the results of research and analytical work in the form of abstracts (articles)	Lecture - conference, illustrations, review of abstracts, articles	4	Writing a thesis (article) of the student's choice	8
DRN 7. Give a moral assessment of one's own actions, correctly rely on sources of information when borrowing ideas, statements, and information, being aware of the norms of academic integrity,	Review and problem-based lectures, exercises with explanations	10	Plagiarism check of own theses (articles), analysis of plagiarism report, writing a review of a thesis (article) of a student from a group of one's own choice	14
		60		90

Individual student learning is implemented through the distance education system (DES) using the Moodle platform. Materials for studying the discipline are presented on the course page “Methodology of Scientific Research and Maintaining the Principles of Academic Integrity” in accordance with the syllabus. For each topic, students are provided with lecture material, additional educational materials in the form of methodological recommendations for practical classes and independent work, as well as a list of tasks for seminar and practical work. To assess the work of students in seminar and practical classes on the topics of the discipline, a block of test questions and essays is provided. To assess independent work - individual scientific research, article (theses).

5. EVALUATION BY EDUCATIONAL COMPONENT

5.1.Diagnostic assessment (none)

5.2.Summative assessment

5.2.1. To assess the expected learning outcomes, there are

No.	Summative assessment methods	Points / Weight in the overall score	Date of compilation
1.	Analytical review of scientific research	25 points / 25%	Up to 12 weeks
2.	Presentation	15 points / 15%	By week 13
3.	Article (thesis)	30 points / 30%	Up to 14 weeks
4.	Multiple choice tests and interview	30 points / 30%	According to schedule

5.2.2. Evaluation criteria

Component	Unsatisfactorily	Satisfactorily	Good	Perfectly
Analytical review of scientific research	<15 points Partially completed work, design does not meet requirements	15-20 The work is completed in full; the student demonstrates elementary knowledge of individual provisions of the educational material, compares, summarizes and analyzes information processes and interprets data, obtained results, the design of the work partially meets the requirements	21-24 points The work is completed in full, the student reasonably presents the educational material, analyzes, synthesizes, summarizes and evaluates information, processes and logically interprets the data, the results obtained, the design of the text, tables, figures, literature meets the requirements	25 points The work is completed in full; the student freely, independently and with good reasoning presents the educational material, deeply and comprehensively reveals its content, searches, analyzes, synthesizes, summarizes and critically evaluates information, the design of the text, tables, figures, literature meets the requirements
Presentation (defense)	< 13 points the student is unable to argue the position of the work, is not familiar with the content of the work, makes significant errors in the answers or is unable to answer the questions posed	13 points The student has demonstrated an adequate level of knowledge regarding the topic of the scientific paper and its content, however, he/she does not always answer the questions correctly, makes inaccuracies in the definitions of legal categories, and does not always adequately substantiate the provisions of the paper.	14 points The student demonstrates an adequate level of knowledge regarding the topic of the scientific work, gives correct answers to the questions posed, but does not demonstrate free orientation in related topics of the academic discipline; knows the main provisions of his scientific work well, but is not always confident in the argumentation, or does not always formulate it correctly	15 points the student gives correct answers to all questions, demonstrates a high level of knowledge regarding the topic of the scientific work and related provisions of the relevant academic discipline, is well-oriented in the content of his work, confidently presents its main provisions and conclusions, and correctly argues his own position
Article	< 20 points	20-23 points	24-28 points	29-30 points

Component	Unsatisfactorily	Satisfactorily	Good	Perfectly
(abstract)	attempts to argue one's opinion, but not convincingly, theses were prepared for a student conference, the style of the article (thesis) is descriptive, the text is fragmentary, requires significant editing, there are text borrowings without references to the source, there are no conclusions	ideas are proposed, but without convincing justification, the presentation of the results of the research is descriptive in nature, there are no conclusions, the text of the article (thesis) is coherent, but requires significant editing, the theses were prepared for an all-Ukrainian conference, there are violations of the logic of the presentation.	the presentation of the results of the research is descriptive in nature, there are no independent conclusions, the text of the article (thesis) is coherent and logical, but requires some editing, the thesis was prepared for an international conference,	The article (thesis) is a one-person article, the theses are prepared for an international conference, the material is presented logically, the conclusions are independent, well-reasoned, convincing and meet the objectives, the style of the article is scientific, the text does not require editing
Multiple choice tests	< 20 points	20-23 points	24-28 points	29-30 points
	correct answers up to 30% , failed interview	correct answers from 30 to 50% , partially passed the interview	correct answers from 50 to 90% , partially passed the interview	correct answers from 90 to 100%, interview passed

5.3. Formative assessment:

No.	Elements of formative assessment	Date
1	Express survey after studying each topic	Every lesson
2	Exchange of ideas	2, 4, 6, 8, 10, 13 weeks
3	Abstract on the topic of independent study of the discipline, their discussion	In a week
4	Self-assessment of completed tasks	Week 7, Week 14
5	Review and discussion of the compiled scientific research calendar	12 week
6	Reviewing and discussing completed work	Week 6, 13
7	Oral feedback from the teacher while working on a research paper, article, or thesis during the semester	Every lesson

6. LEARNING RESOURCES (LITERATURE)

6.1 Main sources

6.1.1 Textbooks, manuals

1. Dzyoban O. P. Methodology, organization and technology of scientific research: a teaching aid for postgraduate students; DNU "In-t Information, Security and Law of the National Academy of Law. Sciences of Ukraine". Kyiv; Odesa: Phoenix, 2025. – 284 p.
2. Samsonov V.V., Silvestrov A.M., Tachynina O.M. Methodology of scientific research and examples of its use: Textbook. Kyiv: NUKHT, 2022. – 385 p.
3. Sydorenko Victoria. Methodology and methods of scientific research: a teaching and methodological manual. Bila Tserkva: BINPO, 2024. 150 p.
4. Shust O.A., Varchenko O.M., Svinous I.M., Paska I.M., Starychenko E.M., Hryshchenko O.Yu. Economic and statistical methods of scientific research in economics: a textbook. Bila Tserkva, 2021. 227 p.
5. Vakhovych I. M., Lipych L. G., Polinkych O. M., Kovalchuk N. V., Khilukha O. A. Methodology and organization of scientific research (fields of knowledge: 05 – social and behavioral sciences, 07 – management and administration, 28 – public management and administration): textbook. 2nd ed., supplemented and revised. Lutsk, Vezha-Druk, 2023. 283 p.
5. Bhattacherdzhi A., Sytnyk N. Methodology and organization of scientific research: research in socio-economic sciences. Textbook. 2nd ed., revised and supplemented. K.: NTUU "KPI named after Igor Sikorsky", 2022. 173 p.
6. Danylyan O. G., O. P. Dzyoban Methodology of scientific research: textbook. 2nd -ed., revised and supplemented. Kharkiv: Pravo, 2023. – 488 p .

6.1.2 Methodological support

7. Kharchenko T.O., Brychko A.M., Lukash S.M., Slavkova O.P., Stovolos N.B. Methodology of scientific research and support of the principles of academic integrity: a textbook. Sumy: "University Book", 2024. 200 p.
8. Koblyanska I.I., Kharchenko T.O. Academic research and writing: a textbook for students of economic and management fields of preparation for full-time and part-time forms of study for the educational degree "Master". Sumy, 2023. 100 p.

6.1.3 Other sources

9. Pivovarov V.M., Lysenko O.A., Melikhova Y.A. and others. Academic integrity: teaching aids. Ministry of Education and Science of Ukraine, Yaroslav the Wise National Law University. Kharkiv: Pravo, 2025. 240 p.
10. Pochinkova M. Academic integrity in higher education institutions: teaching and methodological manual. Poltava, 2022. 92 p.
11. Kulish, A. M., Duliba, E. V., Myrhorod-Karpova, V. V., & Avramova, O. E. “Academic integrity” in Ukraine: its place in the educational process and legislative regulation. *Scientific notes. Series: Law* , 2022. (12), 258-265. <https://doi.org/10.36550/2522-9230-2022-12-258-265>.
12. Dotsenko, I. O. (2022). Academic integrity in the system of quality assurance of higher education. *Pedagogical education: theory and practice* , (32), 31–42. <https://doi.org/10.32626/2309-9763.2022-32-31-42>
13. BOIAR A. Categorical and legal determination of plagiarism. *Ius Modernum* . 2025. 139, 2 (Jun. 2025), 106–116. DOI: [https://doi.org/10.31617/3.2025\(139\)09](https://doi.org/10.31617/3.2025(139)09).
14. ANILOVSKA, G., & POLYAKOVA, Y. Information technologies as a tool in conducting scientific research. *Herald of Khmelnytskyi National University. Economic Sciences* , 2022. 310 (5(1), 282-287. [https://doi.org/10.31891/2307-5740-2022-310-5\(1\)-46](https://doi.org/10.31891/2307-5740-2022-310-5(1)-46)

15. LEVCHENKO, N., & KOLYADA, N. (2025). Academic integrity is a component of the internal system of quality assurance of higher education. *Politeness. Humanitas* , 2025. (2), 86–91. <https://doi.org/10.32782/humanitas/2025.2.12>
16. Kovryga, O. Academic integrity as an important and specific type of quality assurance of higher education in Ukraine. *Adaptive management: theory and practice. Economics series* , 2025. 20 (40). [https://doi.org/10.33296/2707-0654-20\(40\)-16](https://doi.org/10.33296/2707-0654-20(40)-16)
17. Chopina I. Genesis of legal support of academic integrity. Bulletin of the Taras Shevchenko National University of Kyiv. Military and Special Sciences. 2020. Issue 1. Pp. 36-39.
18. Kharchenko T.O. Methodological support for assessing the development of the agricultural sector of the economy of Ukraine in terms of sustainable development indicators. *Current problems of public administration: collection of scientific. pr. ORIDU* . Issue 3(84), 2021. pp. 247-251. <https://doi.org/10.35432/1993-8330appa3842021246488>
19. Kharchenko T.O. Main approaches to forming the concept of sustainable development of the agricultural sector and rural areas through state regulation instruments. *Dnipro Scientific Journal of Public Administration, Psychology, Law* . 2022. No. 5. P. 38-44. DOI <https://doi.org/10.51547/ppp.dp.ua/2022.5.7>
20. Kharchenko T.O. Conceptual principles of the "green" economy in the mechanisms of state regulation of sustainable development of the agricultural sector: harmonization of policies of Ukraine and the EU. *Scientific notes of the V.I. Vernadsky Tavrichesky National University. Series: Public management and administration* . 2023. Vol. 34 (73) No. 5. P. 82-88 DOI <https://doi.org/10.32782/TNU-2663-6468/2023.5/14>
21. Kharchenko TO, Zhao Min SOCIAL MANAGEMENT TOOLS IN THE SYSTEM OF HUMAN RESOURCES AND INNOVATIVE DEVELOPMENT IN CHINESE ENTERPRISES. *Inclusive Economics* . 2025. 4 (10), 116-120. https://doi.org/10.32782/inclusive_economics.10-16
22. Ilychuk, L. Artificial intelligence and the quality of education: opportunities, challenges and threats. *Scientific and pedagogical studies* , 2024. (8), 232-248. <https://doi.org/10.32405/2663-5739-2028-8-232-248>

6.2 Additional sources

23. Requirements for publications and professional editions. URL : <http://vak.org.ua/fv/> .
24. Official website of the National Library named after V. I. Vernadsky. URL : <http://www.nbuv.gov.ua> .
25. On copyright and related rights: Law of Ukraine of 01.12 . 2022 No. 2811-IX URL: <https://zakon.rada.gov.ua/laws/show/2811-20#Text>
26. On Higher Education: Law of Ukraine dated 01.07.2014 No. 1556-VII. URL: <https://zakon.rada.gov.ua/laws/show/1556-18>
27. On Education: Law of Ukraine dated 05.09.2017 No. 2145-VIII. URL : <https://zakon.rada.gov.ua/laws/show/2145-19/page#Text>
27. On state forecasting and development of programs for economic and social development of Ukraine: Law of Ukraine dated 23.03.2000 No. 1602-III URL: <https://zakon.rada.gov.ua/laws/show/1602-14#Text>
28. On approval of the National Qualifications Framework: Resolution of the Cabinet of Ministers of Ukraine dated November 23, 2011 No. 1341. URL: <https://zakon.rada.gov.ua/laws/show/1341-2011-%D0%BF/sp:max100#Text> .
29. On the Concept of Scientific, Technical and Innovative Development of Ukraine: Resolution of the Verkhovna Rada of Ukraine dated 13.07.99 No. 916-XIV. URL: <https://zakon.rada.gov.ua/laws/show/916-14#Text>
30. On scientific and technical information: Law of Ukraine (dated 25.06.93. No. 3323-XII). *Bulletin of the Verkhovna Rada of Ukraine* . 1993. No. 33. URL: <https://zakon.rada.gov.ua/laws/show/3322-12#Text>
31. On scientific and scientific-technical activities: Law of Ukraine dated 26.11.2015 No. 848-VIII. URL: <https://zakon.rada.gov.ua/laws/show/848-19#Text>

3 2. On priority areas of development of science and technology: Law of Ukraine (dated 11.07.2002 No. 2623-III). *Bulletin of the Verkhovna Rada of Ukraine* . 2001. No. 48 URL: <https://zakon.rada.gov.ua/laws/show/2623-14#Text>

6.3 Software

3 3 . Research Methodology and Maintaining the Principles of Academic Integrity: Educational Materials on the SNAU MOODLE Platform. URL: <https://cdn.snau.edu.ua/moodle/course/view.php?id=3700>