

Educational institution
«Belarusian State University of Economics»

APPROVED

by the Rector of the educational
institution “Belarusian State University
of Economics”


A.V. Yegorov
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Registration number of UD 6767(a)-25 uch.

RESEARCH SEMINAR

Educational institution's curriculum
by academic discipline for the specialty
7-06-0421-01”Jurisprudence”

The curriculum is based on the educational standard of advanced higher education OSVO 7-06-0421-01-2023 and the curriculum for the specialty 7-06-0421-01 “Jurisprudence”.

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RECOMMENDED FOR APPROVAL:

Department of State and Legal Disciplines of the educational institutions “Belarusian State University of Economics”

(protocol no. 12 of 12 05 2025);

Methodological Commission on the specialty “Law”, “Jurisprudence” of the educational institution “Belarusian State University of Economics”

(protocol no. 9 of 15 05 2025);

Scientific and Methodological Council of the educational institution “Belarusian State University of Economics”

(protocol no. 6 of 25 06 2025)

EXPLANATORY NOTE

The curriculum of the academic discipline “Research Seminar” is aimed at the formation and development of the necessary theoretical knowledge and practical skills in the field of organizing and conducting scientific research, mastering the methodology and methods of scientific knowledge, developing the skills of formulating a scientific problem, setting research goals and objectives, selecting and justifying methodological tools, as well as analyzing and interpreting the results obtained.

The purpose of the “Research Seminar” is to develop in master's students a set of competencies and practical skills for conducting independent research activities necessary for preparing a master's dissertation, as well as to ensure a high level of research within the framework of the chosen topic.

Achieving this goal requires solving the following **tasks**:

- to develop a comprehensive understanding of the essence of scientific knowledge, the place and role of science in modern society, as well as the specifics of scientific and non-scientific knowledge and the structure of scientific knowledge;

- to acquire knowledge of the theoretical and empirical levels of scientific knowledge, their characteristics, interrelations, and roles in the formation of scientific facts, hypotheses, theories, and scientific principles;

- to develop an understanding of the development of science, the nature of scientific revolutions, their typology, and the impact of digital transformation and the knowledge society on scientific activity;

- to acquire knowledge of the methods and methodological tools of modern science, including methods of empirical and theoretical research, analytical procedures, and methods for substantiating the results of scientific research;

- to develop an understanding of the public administration system in the field of scientific activity in the Republic of Belarus, the main directions of state scientific and technical policy, and the powers of state bodies in this area;

- develop knowledge about the subjects and participants of scientific activity, the legal status of researchers, the system for training highly qualified scientific personnel, and the activities of scientific organizations;

- develop knowledge of the requirements for preparing a master's thesis as a final qualifying research project, the stages of scientific research, and the procedure for submitting, reviewing, and defending a thesis;

- develop an understanding of the preparation and publication of scientific papers, types of scientific publications, requirements for scientific articles, the specifics of peer review, and the use of scientometric indicators and scientific databases;

- develop knowledge of the forms and methods of organizing scientific communication, including participation in scientific events, rules for presenting scientific results, scientific ethics requirements, and mechanisms for protecting the results of scientific activity.

As a result of studying this course, the following competencies are developed:

universal:

apply scientific methods in research, generate and implement innovative ideas;
 ensure communication, demonstrate leadership skills, be capable of team building and developing strategic goals and objectives;
 develop innovative receptivity and the ability to innovate.

Upon completion of this course, the master's student should:

know:

- the fundamental theoretical and methodological foundations of scientific knowledge, the essence of science as a form of activity, a social institution, and a knowledge system;
- the characteristics of scientific knowledge, the structure of scientific knowledge, and the relationship between the empirical and theoretical levels of scientific research;
- the fundamental methods and methodological approaches of modern science, including methods of empirical and theoretical research, analytical procedures, and methods for substantiating scientific results;
- the system of public administration in the field of scientific activity in the republic of belarus, the main directions of state scientific and technical policy, and the functions of state bodies in this area;
- the legal status of a researcher, the system for training highly qualified scientific personnel, and the specific activities of scientific organizations and other entities engaged in scientific activity;
- the requirements for the preparation, design, presentation, and defense of a master's thesis as a final qualifying research work;
- the main types of scientific publications, requirements for the preparation of scientific articles and other scientific materials, the specifics of the functioning of scientific information resources and scientometric databases;
- forms and methods of organizing scientific communication, requirements of scientific ethics and legal mechanisms for protecting the results of scientific activity;

be able to:

- apply basic scientific research methods to solve scientific and applied problems;
- formulate the problem, goal, and objectives of scientific research, and determine the object and subject of the study;
- select and justify the research methodology, analyze, and interpret the results;
- search, analyze, and systematize scientific information using modern information resources and scientific databases;
- prepare scientific publications, formulate the title, abstract, keywords, and structure the scientific text;
- present the results of scientific research in accordance with established requirements for a master's thesis;

- present the results of scientific research in the form of a scientific report, presentation, and other forms of scientific communication;

- adhere to scientific ethics standards and correctly use the results of the scientific work of other researchers.

have the skill:

- formulating and solving scientific problems as part of preparing a master's thesis;

- applying methods of scientific analysis, generalization, classification, and interpretation of scientific data;

- preparing scientific publications, analytical materials, and presentations of research results;

- using modern information and communication technologies, scientific electronic libraries, and scientometric databases in research activities;

- participating in scientific communication (scientific seminars, conferences, symposia) and publicly presenting research results;

- critically analyzing scientific information and evaluating scientific results in terms of their reliability, novelty, and practical significance.

As part of the educational process in this academic discipline, the student must acquire not only theoretical and practical knowledge, skills and abilities in the specialty, but also develop their value-personal and spiritual potential, and develop the qualities of a patriot and citizen, ready for active participation in the economic, industrial, socio-cultural and public life of the country.

The academic discipline "Research Seminar" refers to the component of the educational institution.

The "Research Seminar" course is linked to the "Modern Problems and Methodology of Legal Science" course.

The course is offered full-time.

According to the university's curriculum, the following is allocated for the study of this discipline:

the total number of academic hours is 90, classroom hours - 42 hours, of which lectures - 18 hours, seminars - 24 hours.

Classroom time is distributed across courses and semesters:

Semester 1: Lectures – 12 hours, seminars – 16 hours.

Semester 2: Lectures – 6 hours, seminars – 8 hours.

Independent student work: 48 hours.

Workload: 3 credits.

The form of interim assessment is credit, differentiated credit.

CONTENT OF THE TRAINING MATERIAL

Topic 1. Theoretical and methodological foundations of scientific knowledge

The place and role of science in modern society. Science as an activity, a social institution, and a system of knowledge. Scientific and non-scientific knowledge. The specifics of scientific knowledge. The structure of scientific knowledge. The empirical and theoretical levels of scientific knowledge, their unity and differences. The structure of empirical research. Fact as a form of scientific knowledge. The specifics of empirical generalizations and patterns. The concept of scientific theory. Problem and hypothesis as forms of scientific inquiry and knowledge growth. Metatheoretical foundations of science. The scientific picture of the world. The concept of scientific thinking style. The development of science: scientific revolutions, their essence and typology. The impact of digital transformation and the development of a knowledge society on scientific activity.

Topic 2. Methodological tools of modern science

The concept of method and methodology. The essence of the systems approach as a general scientific methodological program. Empirical research methods: observation, description, measurement, experiment. Theoretical research methods: idealization, formalization, thought experiment, hypothetico-deductive method. Analytical procedures in scientific research. Justification of research results. Types of justification (proof, confirmation, interpretation, explanation, etc.). Methods of systematizing scientific knowledge (classification, typology, etc.). The language of science. Definitions and their role in the formation of scientific terminology.

Topic 3. Public administration in the field of scientific activity in the Republic of Belarus

The concept and features of public administration in the field of scientific activity. Legislative support for scientific activity in the Republic of Belarus (Law of the Republic of Belarus of 21.10.1996 No. 708-XIII “On Scientific Activity”, Law of the Republic of Belarus of 19.01.1993 No. 2105-XII “On the Fundamentals of State Scientific and Technical Policy”, Law of the Republic of Belarus of 05.05.1999 No. 250-Z “On Scientific and Technical Information”, etc.). Powers of the President of the Republic of Belarus and the Council of Ministers of the Republic of Belarus in the field of science. The main functions of the State Committee on Science and Technology of the Republic of Belarus. The Higher Attestation Commission is a government body that pursues state policy and implements the function of state regulation in the field of certification of scientific, including scientific and pedagogical, highly qualified workers. National Academy of Sciences of Belarus: history, objectives, structure and areas of activity at the present stage.

Topic 4. Subjects and participants of scientific activity

Subjects and participants of scientific activity: concept and general characteristics. Researcher: concept and legal status in the Republic of Belarus. Researcher qualifications. Training of highly qualified researchers. Academic degrees and academic titles. Scientific organizations: concept and types, requirements for scientific organizations. Temporary research team. The concept of “university science”, activities of scientific organizations (research and practical centers, etc.).

Topic 5. Master's thesis as a research-based final qualifying work

Requirements for master's thesis topics. Outline of the research: analysis of the problem in the dissertation research, justification of the relevance of the chosen topic; setting the goal and objectives of the research; defining the object and subject of the research; choosing the research methodology; description of the research process; discussion of the research results; formulation of conclusions and evaluation of the results obtained. Contents of the master's thesis. Requirements for the formatting of the master's thesis. Procedure for submission and examination of the master's thesis. Procedure for the defense of the master's thesis. Evaluation of the defense of the master's thesis.

Topic 6. Preparation of scientific publications

Types of scientific publications: monographs, articles, abstracts, conference proceedings, etc. Basic requirements for a scientific article. Specifics of formulating the title, abstract, keywords, and key phrases for publication in a scientific journal. Preparing the introduction, main body, and conclusion of a scientific article. Compiling a bibliography. Information retrieval. Functioning of electronic scientific libraries and databases. The peer-review procedure for publishing a scientific article in a specialized (scientific) publication. Scientometric and abstract databases, archives, scientific search engines. Publication activity in building a scientist's image. Key scientometric indicators. The use of modern information and communication services in shaping a scientist's image.

Topic 7. Forms and methods of organizing scientific communication

The importance of public presentation of scientific results for researchers. Types of scientific events: scientific seminars, scientific conferences, congresses, symposiums, scientific and technical exhibitions, etc. Stages of preparing and holding a scientific conference. Requirements for the scientific conference program. Forms of report presentation at a scientific event. Ethics in scientific communication. Violation of ethical rules and conflicts of interest as negative phenomena in scientific communication. Legal mechanisms for protecting scientific results..

EDUCATIONAL AND METHODOLOGICAL MAP OF THE ACADEMIC DISCIPLINE “RESEARCH SEMINAR”

Full-time advanced higher education program

Section number, topics	Section name, topics	Number of classroom hours							Literature	Form of knowledge control
		Lectures	Practical classes	Seminar classes	Laboratory classes	Number of hours USR				
						L	Pz/Sz	lab		
1 semester										
1	Theoretical and methodological foundations of scientific knowledge	2							[1-13]	Express survey
	Theoretical and methodological foundations of scientific knowledge			4					[1-13]	Express survey, preparation of papers and presentations
2	Methodological tools of modern science	2							[1-13]	Express survey
	Methodological tools of modern science			2					[1-13]	Express survey, preparation of papers and presentations
3	Public administration in the sphere of scientific activity in the Republic of Belarus	2							[1-13]	Express survey
	Public administration in the sphere of scientific activity in the Republic of Belarus			2					[1-13]	Express survey, test
4	Subjects and participants of scientific activity	2							[1-13]	Express survey
	Subjects and participants of scientific activity			4					[1-13]	Express survey, preparation of papers and presentations
5	Master's thesis as a research-based final qualifying thesis	4							[1-13]	Express survey
	Master's thesis as a research-based final qualifying thesis			4					[1-13]	Express survey, preparation of papers and presentations
	Total 1 semester	12		16						credit
2 semester										
6	Preparing scientific publications	4							[1-13]	Express survey
	Preparing scientific publications			4					[1-13]	Express survey, preparation of papers and presentations
7	Forms and methods of organizing scientific communication	2							[1-13]	Express survey
	Forms and methods of organizing scientific communication			4					[1-13]	Express survey, preparation of papers and presentations
	Total 2 semester	6		8						differential credit
	Total hours	18		24						

INFORMATIONAL AND METHODOLOGICAL PART

Literature

Main page:

1. Babosov, E.M. Philosophical and Methodological Foundations of Science: From Classics to High Technologies / E.M. Babosov, V.P. Starzhinsky. – 2nd ed., corrected. and enlarged. – Minsk: Bel. Navuka, 2025. – 501 p.
2. Zelenkov, A.I. Philosophy and Methodology of Science: Electronic Educational and Methodological Complex for All Specialties of Advanced Higher Education and Specialized Higher Education / A.I. Zelenkov [et al.]; BSU, Faculty of Philosophy and Social Sciences, Dept. of Philosophy and Methodology of Science. – Minsk: BSU, 2024. – 245 p.
3. History and Philosophy of Science: Textbook for the System of Postgraduate Professional Education / V.S. Stepin. - 6th ed. - Moscow: Academicheskyy Proekt, 2024. - 487 p.
4. Kalinin, S.A. Conceptual and Methodological Problems of Modern Jurisprudence: Monograph / S.A. Kalinin. – Minsk: BSU, 2024. – 311 p.
5. Master's Thesis: Research Methods and Organization, Design and Defense: Textbook / V. V. Belyaev, V. I. Belyaev, M. A. Belyaeva [et al.]; ed. V. I. Belyaev. – 2nd ed., revised. – Moscow: KnoRus, 2014. – 264 p.
6. Mishatkina, T. V. Philosophy and Methodology of Science: Textbook / T. V. Mishatkina, S. S. Mishuk. – Minsk Information and Center of the Ministry of Finance, 2019. – 451 p.
7. Synergetics and Hermeneutics in Jurisprudence and Social and Legal Regulation / D.B. Abushenko et al. – Moscow: Norma: Infra-M, 2021. – 214 p.
8. Modern Philosophy of Science: Monograph / S.A. Lebedev. – Moscow: Prospect, 2023. – 312 p.
9. Special and General Philosophy of Science: Encyclopedic Dictionary / V.A. Kanke. – Moscow: Infra-M, 2025. – 627 p.
10. Theoretical and Historical Legal Sciences in the System of Modern Legal Knowledge / [S.V. Biryukov et al.]. – Moscow: Norma: Infra-M, 2024. – 189 p.
11. Philosophy of Science: a textbook for universities / edited by A. I. Lipkin. — 2nd edition, revised and enlarged. – Moscow: Yurait Publishing House, 2026. – 512 p.
12. Philosophy of Legal Science: a textbook for master's and postgraduate students studying in the specialty “Jurisprudence” / V. I. Przhilensky. – Moscow: Norma, Infra-M, 2024. – 206 p.
13. Chestnov, I. L. Methodology and Methods of Legal Research: a textbook / I. L. Chestnov. – St. Petersburg, 2004. – 128 p.

Additional information:

1. Current Thoughts on Law: Monograph / E.V. Vinogradova, S.I. Zakhartsev. - Moscow: Yurlitinform, 2023. – 228 p.

2. Gromiko, V. V. Methodology of Writing a Dissertation / V. V. Gromiko // Bulletin of the Plekhanov Russian University of Economics. – 2016. – No. 3 (87). – Pp. 3–19.
3. Erokhina, P. V. Value Orientations of Scientists in the System of Social Determining Science: Abstract of a PhD Dissertation in Philosophy: 5.7.7 / P.V. Erokhina. – Chelyabinsk, 2025. – 23 p.
4. Kalinin, S. A. Methodology of the General Theory of Law (lecture) / S. A. Kalinin // Pravo.by. – 2011. – No. 2. – P. 7–17.
5. Kolyadko, I.N. Science in the Structure of Social Communication: Research Areas and Factors Influencing the Development of Society / I.N. Kolyadko // Science and Society in the Context of New Challenges: Proc. of the Int. scientific-practical. conf. (Minsk, September 26–27, 2024) / editorial board: N.L. Myslivets (editor-in-chief) [et al.]. – Minsk, 2024. – P. 102–106.
6. Conceptual Foundations for Improving the Legal Framework for Scientific, Scientific-Technical, and Innovative Activities in the Republic of Belarus / V.I. Belsky [et al.]; edited by V.I. Belsky, V.K. Ladutko. – Minsk: Belarusian Science, 2019. – 342 p.
7. Kuisch, A. Between Fundamental Science and Active Social Practice / A. Kuisch // Science and Innovation. – 2025. – No. 5. – Pp. 28–33.
8. Kuhn versus Popper: The Battle for the Soul of Science / Steve Fuller. – Moscow: Canon-plus, 2023. – 271 p.
9. Ladutko, V.K. The Contract System in Research and Development as a Mechanism for Improving Scientific and Scientific-Technical Activities / V.K. Ladutko, D.V. Shablinskaya // Scientific Works of the Belarusian State University of Economics: Collection of Scientific Papers. Volume Issue 15. – Minsk: Belarusian State University of Economics, 2022. – Pp. 565–571.
10. Ladutko, V.K. Prospects for the institutionalization of the provisions of the CIS model law “On target funds for the support of scientific, scientific-technical and innovative activities” / V.K. Ladutko, D.V. Shablinskaya // Intellectual Property in Belarus. – 2025. – No. 1 (110). – P. 10–15.
11. Scientific and practical commentary on the Law of the Republic of Belarus of October 21, 1996 “On Scientific Activity”: Scientific and practical commentary on the law / V.K. Ladutko, M.N. Satolina, S.S. Losev [et al.]. – Minsk: RUE “Publishing House “Belarusian Science”, 2020. – 235 p.
12. Organizational and legal foundations of the contract system in the field of research and development / N.S. Minko, V.K. Ladutko, D.V. Shablinskaya [et al.]. – Minsk: RUE “Publishing House “Belarusian Science”, 2020. – 225 p.
13. Palchik, G.V., Prokhorenko, O.G. Research seminar in the context of designing and preparing a master's thesis. / G.V. Palchik, O.G. Prokhorenko / University pedagogical journal. – 2024. – No. 2. – Pp. 10–15.
14. Rodina, V.A. Transformation of scientific communications in the process of formation of modern virtual space: philosophical and methodological analysis: author's abstract. dis. ... cand. philos. sciences: 5.7.6 / Rodina Valeriya Andreevna. – Moscow, 2024. – 21 p.

15. Satolina, M.N. Promising directions for improving the legislation on scientific, scientific-technical and innovative activities / M.N. Satolina, V.K. Ladutko, D.V. Shablinskaya // Modern statehood and law: theoretical and practical problems of formation and successful functioning: materials of the international scientific and practical conference dedicated to the 75th anniversary of the birth of the Honored Lawyer of the Republic of Belarus, Doctor of Law, Professor A. M. Abramovich, Minsk, May 24-25, 2019. – Minsk: Belarusian State University, 2019. – P. 150–156.

16. Hou, C. Cooperation between Belarus and China in Philosophy and Humanities / C. Hou // Intellectual Culture of Belarus: Problems of Interpretation of Philosophical Heritage and Modern Tasks of Humanitarian Knowledge: Proc. of the Sixth Int. sci. conf. (November 17-18, 2022, Minsk): in 2 volumes / editorial board: A. A. Lazarevich (chairman) [et al.]. – Minsk, 2022. – Vol. 2. – Pp. 221–224.

17. Shershneva, O.A. Science of Belarus in the Context of Globalization Trends / O.A. Shershneva // Science and Society in the Context of New Challenges: Proc. of the Int. sci. and practical. conf. (Minsk, September 26-27, 2024) / editorial board: N.L. Myslivets (editor-in-chief) [et al.]. – Minsk, 2024. – Pp. 170–172.

18. Shkorubskaya, E.G. Article as a form of scientific communication: genesis and meaning: author's abstract. diss. ... Cand. Philosophical Sciences: 5.7.7 / Shkorubskaya Elena Gennadyevna. – Simferopol, 2025. – 14 p.

Regulatory legal acts:

1. Education Code of the Republic of Belarus: Code of the Republic of Belarus of 13.01.2011 No. 243-Z (as amended on 09.12.2025) // ETALON: information retrieval system (accessed on 13.03.2026).

2. Civil Code of the Republic of Belarus: Code of the Republic of Belarus of 07.12.1998 No. 218-Z (as amended on 09.12.2025) // ETALON: information retrieval system (accessed on 13.03.2026).

3. On scientific activity: Law of the Republic of Belarus of 21.10.1996 No. 708-XIII (as amended on 17.07.2023) // ETALON: information retrieval system (accessed on 13.03.2026).

4. On the fundamentals of state scientific and technical policy: Law of the Republic of Belarus of 19.01.1993 No. 2105-XII (as amended on 17.07.2023) // ETALON: information retrieval system (accessed on 13.03.2026).

5. On scientific and technical information: Law of the Republic of Belarus of 05.05.1999 No. 250-Z (as amended on 17.07.2023) // ETALON: information retrieval system (accessed on 13.03.2026).

6. On the National Academy of Sciences of Belarus: Law of the Republic of Belarus of 05.05.1998 No. 159-Z (as amended on 04.01.2021) (as amended and supplemented, entered into force on 08.01.2021) // ETALON: information retrieval system (accessed on 13.03.2026).

7. On Copyright and Related Rights: Law of the Republic of Belarus of 17.05.2011 No. 262-Z (as amended on 09.01.2023) (as amended on 13.11.2023) // ETALON: information retrieval system (accessed on 13.03.2026).

8. On Patents for Inventions, Utility Models, and Industrial Designs: Law of the Republic of Belarus of 16.12.2002 No. 160-Z (as amended on 09.01.2023) // ETALON: information retrieval system (accessed on 13.03.2026).

9. On scientific, scientific-technical and innovative activities: Decree of the President of the Republic of Belarus of 27.05.2019 No. 197 (as amended on 07.05.2020) // ETALON: information retrieval system (date of access: 13.03.2026).

10. On the training and certification of highly qualified research workers: Decree of the President of the Republic of Belarus of 01.12.2011 No. 561 (as amended on 25.10.2022) (together with the “Regulation on the training of highly qualified research workers in the Republic of Belarus”) // ETALON: information retrieval system (date of access: 13.03.2026).

11. On the nostrification (equation) of documents on the award of academic degrees and the conferral of academic titles, recertification of persons holding academic degrees and academic titles titles (together with the Instruction on the procedure for nostrification (equation) of documents on awarding academic degrees and conferring academic titles, the Instruction on the procedure for recertification of persons holding academic degrees and academic titles): Resolution of the Higher Attestation Commission of the Republic of Belarus dated February 28, 2014, No. 4: with amendments and additions, entered into force on August 22, 2022 // ETALON: information retrieval system (date of access: March 13, 2026).

List of questions for conducting credit

1. Theoretical and methodological foundations of science
2. The concept of science and its role in modern society.
3. Science as an activity, a social institution, and a knowledge system.
4. Scientific and non-scientific knowledge: key differences. Specific features of scientific knowledge.
5. The structure of scientific knowledge. The empirical and theoretical levels of scientific knowledge.
6. Scientific fact: concept and characteristics. The concept of scientific theory.
7. Problem and hypothesis in scientific research.
8. Methodology of scientific research. The concept of method and methodology of science.
9. Systems approach in scientific research.
10. Observation as a research method.
11. Description and measurement in science.
12. Experiment as a method of scientific knowledge.
13. The concept of public administration in scientific activity.
14. Main directions of state scientific and technical policy.
15. The role of government agencies in regulating scientific activity.
16. Subjects and participants in scientific activity.
17. Researcher: concept and legal status. Researcher qualification.
18. System for training highly qualified researchers.
19. Academic degrees and academic titles.
20. Research organizations: concept and types.
21. University science and its importance.

List of questions for conducting differentiated credit

1. Science: Concept, Essence, and Role in Modern Society.
2. Science as an Activity, Social Institution, and Knowledge System.
3. Scientific and Non-Scientific Cognition: Relationships and Distinctive Features.
4. The Specifics of Scientific Cognition and Its Main Characteristics.
5. The Structure of Scientific Knowledge.
6. The Empirical and Theoretical Levels of Scientific Cognition: Their Unity and Differences.
7. The Structure of Empirical Research.
8. Scientific Fact as a Form of Scientific Knowledge.
9. The Concept of Scientific Theory and Its Role in the Development of Science.
10. Problem and Hypothesis as Forms of Scientific Research and Knowledge Growth.

11. The Impact of Digital Transformation and the Knowledge Society on Scientific Activity.
12. The Concept of Method and Methodology of Scientific Research.
13. The Systems Approach as a General Scientific Methodological Program.
14. Observation as a Method of Empirical Research.
15. Description and Measurement in Scientific Research.
16. Experimentation as a Method of Scientific Research.
17. Analytical Procedures in Scientific Research.
18. Methods of Systematizing Scientific Knowledge (Classification, Typology).
19. Concept and Features of Public Administration in Scientific Activity.
20. Legislative Support for Scientific Activity in the Republic of Belarus.
21. Powers of the President of the Republic of Belarus in Science.
22. Powers of the Council of Ministers of the Republic of Belarus in Scientific Activity.
23. State Committee on Science and Technology of the Republic of Belarus: Functions and Objectives.
24. Higher Attestation Commission of the Republic of Belarus: Status and Main Functions.
25. National Academy of Sciences of Belarus: History, Objectives, and Areas of Activity.
26. Subjects and Participants of Scientific Activity: Concept and General Characteristics.
27. Researcher: Concept and Features of Legal Status.
28. Qualifications of Researchers.
29. Training of Highly Qualified Researchers.
30. Academic Degrees and Academic Titles: Concept and Meaning.
31. Scientific Organizations: Concept and Types.
32. Requirements for Scientific Organizations.
33. Temporary Research Teams and Their Role in Research.
34. The Concept and Significance of University Science.
35. Master's Thesis as a Research Project.
36. Requirements for Master's Thesis Topics.
37. Key Stages of Research in Preparing a Master's Thesis.
38. Structure and Content of a Master's Thesis.
39. Requirements for the Format of a Master's Thesis.
40. Procedure for Submission, Review, and Defense of a Master's Thesis.
41. Types of Scientific Publications and Basic Requirements for a Scientific Article.
42. Scientometric indicators and scientific databases in the assessment of scientific activity.
43. Scientific communication: forms of scientific events and the ethics of scientific activity.

List of abstract topics

1. The Role of Science in the Context of the Digital Transformation of Society: New Opportunities and Risks for Scientific Activity.
2. The Problem of Distinguishing Scientific and Non-Scientific Knowledge in Modern Society.
3. Scientific Revolutions in the History of Science and Their Impact on Modern Scientific Thinking.
4. The Formation of a Scientific Worldview in the Context of the Development of Digital Technologies and Artificial Intelligence.
5. Methodological Pluralism in Modern Science: Advantages and Challenges.
6. A Systems Approach as a Universal Methodology for Scientific Research: Limits of Applicability.
7. The Role of Hypothesis in Scientific Research: Methodological Challenges in Proposing and Testing Scientific Hypotheses.
8. The Impact of Digital Technologies and Big Data on Scientific Research Methods.
9. State Regulation of Scientific Activity: Necessity, Limits, and Current Trends.
10. State Scientific and Technical Policy of the Republic of Belarus: Challenges and Development Prospects.
11. The Role of the National Academy of Sciences of Belarus in Shaping the Country's Scientific Potential.
12. The system for training highly qualified scientific personnel: current challenges and areas for improvement.
13. The legal status of a researcher: problems and development trends.
14. University science as a factor in the innovative development of society.
15. The master's dissertation as a form of scientific research: issues of quality and academic integrity.
16. Scientific publications in the system of scientific activity assessment: advantages and limitations of scientometric indicators.
17. Scientometric databases and their impact on the development of a researcher's scientific career.
18. Research ethics and the problem of academic dishonesty.
19. Scientific communication in the digital age: new formats of interaction between scientists.
20. Legal mechanisms for protecting the results of scientific activity in the context of the digitalization of science.

Organization of independent work of master's students

Independent work by master's students is an important step in acquiring competencies in the academic discipline.

Full-time students are allocated 48 hours for independent work.

Students' independent work includes all topics of the academic discipline listed in the “Content of the Academic Material” section.

The following forms of independent work are used in studying the academic discipline:

- in-depth study of sections, topics, individual questions, and concepts;
- preparation for test assignments;
- preparation of an essay on the chosen topic;
- preparation for the midterm assessment.

Quality control of knowledge acquisition

Diagnostics of the quality of knowledge acquisition is carried out within the framework of current control and intermediate certification.

Мероприятия *Ongoing* monitoring activities are carried out during the semester and include the following forms of monitoring:

test;

abstract;

express survey during classroom sessions.

The current assessment in the academic discipline is conducted three times a semester.

The results of the current assessment for the semester, obtained during the activities of the current assessment, are evaluated by a mark in points on a ten-point scale and are reflected in the statement of the current assessment in the academic discipline.

Requirements for students passing the intermediate certification.

Students are admitted to the intermediate certification in the academic discipline, provided that they successfully pass the current certification (implementation of current control measures) in the academic discipline provided for in the current semester by this curriculum.

Interim assessment is carried out in the form of credit, differentiated credit.

Methodology for forming a grade for an academic discipline

In accordance with the Regulation on the rating system for assessing the knowledge, skills and abilities of BGEU master's students.

PROTOCOL FOR APPROVING THE CURRICULUM
WITH OTHER ACADEMIC DISCIPLINES OF THE SPECIALTY

Name of the academic discipline to be studied approval required	Title departments	Offers about changes in the curriculum content institutions of higher education in the academic discipline	The decision made by the department that developed the curriculum (with the date and time of its publication). protocol numbers)
Modern problems and methodology of legal science	Department of State and Legal Disciplines	No comments or suggestions	

ADDITIONS AND CHANGES TO THE CURRICULUM
ON THE ACADEMIC DISCIPLINE "RESEARCH SEMINAR",
(Registration number _____ from "____" _____ 2026)
on ____/____/____ academic year

№ n/a	Additions and changes	Footing

The curriculum was reviewed and approved at the department meeting _____
(protocol no. _____ of _____ 2026)

Head of the Department,
PhD in Law, Associate Professor _____ V.K. Ladutko

APPROVING IT
Dean of the Faculty,
PhD in Law, Associate Professor _____ A. N. Shklyarevsky