Educational institution
«Belarus State Economic University»

APPROVED BY
Rector of Educational Institution
«Belarus State Economic University»

_____ A.V. Egorov
«19» 12 2024
Registration № 6347-24

STATE INNOVATION POLICY

The curriculum of the Educational Institution of the higher education
in the academic discipline
for the major 7-06-0311-01 «Economics»

2024

The curriculum is based on the educational standard for advanced higher education OSVO 7-06-0311-01-2023 and curriculum in the major 7-06-0311-01 « Economics» (profiling «State regulation of national and regional economy»).

COMPILERS:

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REVIEWERS:

N.P. Dragun, Head of the Center for Investment and Innovation Policy of the Research Economic Institute of the Ministry of Economy of the Republic of Belarus, PhD in Economics, Associate Professor.

A.A. Mozol, Associate Professor of the Department of Mathematical Methods in Economics of the Educational Institution «Belarus State Economics University», Ph.D. in Economics.

RECOMMENDED FOR APPROVAL BY:

Department of National Economy and Public Administration of Educational Institution «Belarus State Economics University»
(protocol № 4 from 14.11.2024).

Methodological commission on majors «National Economics», «Public administration», «Public Administration and Economics», «Economics » (profiling «State regulation of national and regional economy») of Educational Institution «Belarus State Economics University»
(protocol № 3 from 28.11.2024).

Scientific and methodological council of Educational Institution «Belarus State Economics University»
(protocol № 2 from 18.12.2024).

EXPLANATORY NOTE

The curriculum in the academic discipline «State innovation policy» is aimed at researching and systematizing the problems, limitations, and contradictions of the development of the innovation system of the Republic of Belarus, including those related to the behavior of key subjects of the innovation process – organizations of the real sector of the economy, as well as exploring the possibilities and directions of forming a modern state innovation policy.

The purpose of teaching the discipline is to form master' scientific knowledge and practical skills in the field of innovation theory and mechanisms of innovation policy of the state, the formation of innovation development policy among business entities of various forms of ownership in the conditions of building a national innovation system in the republic.

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

master the theoretical and methodological foundations of innovative development;

study multi-level innovation systems, structures and their impact on the growth of production efficiency;

study the world experience and trends in innovative development;

acquire the necessary skills for analyzing innovation policy and developing innovative strategies;

As a result of studying the academic discipline « State innovation policy» the following **competence** is formed:

universal:

1 Apply the methods of scientific cognition in research activities, generate and implement innovative ideas.

5 To develop an innovative receptivity and the ability to innovate.

specialized:

1 To evaluate the effectiveness of the implementation of innovative development programs, innovation activities in general at the company, region and country levels, to prepare analytical materials for evaluating measures in the field of innovation policy.

As a result of studying the academic discipline, the undergraduate must:

know:

features, patterns and mechanisms of innovative development of a country, region, company;

the role of innovation in ensuring economic growth;

the relationship between technological and commercial parameters of research and development;

institutional conditions conducive to the creation of innovations;

methods of construction, calculation and analysis of a system of indicators characterizing the technological level, innovative behavior of the company, the state and development of innovative systems at the macro and meso levels;

the main mechanisms of innovation policy;

the essence and significance of the national innovation system;

be able to:

theoretically substantiate the mechanisms of the state's innovation policy;

identify the elements of the national innovation system;

use analytical tools of the innovation economy;

analyze and interpret indicators of innovation activity at the level of the country, industry, region;

to identify the current directions of the vectors of innovative development using applied economic research;

have skill:

to develop an innovative development strategy;

to form the goals and objectives of an effective policy in the field of innovation;

to balance resources and mechanisms of the innovation process;

to identify networks of transfer mechanisms for the dissemination of new knowledge;

to form incentives for innovative development.

As part of the educational process in this academic discipline, the undergraduate must acquire not only theoretical and practical knowledge, skills and abilities in the specialty, but also develop his value-personal, spiritual potential, form the qualities of a patriot and a citizen ready to actively participate in the economic, industrial, socio-cultural and social life of the country.

The academic discipline «State innovation policy» belongs to the module «Mechanisms for innovative economic governance» of the component of a higher education institution.

The academic discipline «State innovation policy» is based on the knowledge gained by undergraduates while studying the academic disciplines «Forecasting of the national economy», «National Economy of Belarus», «Economic Theory», «Macroeconomics». Mastering the discipline «State innovation policy» is especially important for studying the disciplines «Macroeconomic analysis and policy», «Organization and management of entrepreneurial activity», «Business Economics and regulation of entrepreneurial activity».

Form of education: full-time.

In accordance with the university curriculum in the specialty

7-06-0311-01 «Economics» full-time higher education for the study of the academic discipline «State innovation policy» is assigned to:

Total amount of Academic load – 100, Classroom hours – 36, of which lectures – 18; seminars – 18 hours.

Year and Semester Distribution:

2 semester – lectures – 18; seminars – 18 hours;

Student's independent work – 64 hours.

Labor intensity – 3 c.

Interim certification form – offset.

CONTENT OF TRAINING MATERIAL

Topic 1. The basic concepts of innovation and modern innovations

The concept of innovation and innovative activity. J. Schumpeter and modern theories of innovation. Classification of innovations. New types of innovations. Inclusive innovation. Social innovation. Innovations in the service sector. Innovations in the public sector. Indicators of innovation. Formation of the knowledge economy: concepts and problems. Knowledge production is a crucial factor in the transition to an innovative development path. Measuring knowledge. The cumulative nature of technology and the learning process. Technology diffusion and organizational changes.

Topic 2. The economic theory of innovation

The historical aspect of the development of the theory of innovation. The paradox of modern post-industrial society. The Schumpeterian evolutionary theory. Technological structures, technological paradigms, N. Kondratiev's theory. Models of the innovation process (P. Roswell, B. Santo, S. Klein, N.Rosenberg). The theory of endogenous economic growth. Stages of the innovation process (R&D, R&D, PTR). Fundamental research: content, features, functions. The institutional approach in innovation theory. Directions of the impact of innovative activity on socio-economic systems in modern conditions.

Topic 3. The innovation sphere as a subject of economic analysis

The role of science and technology in ensuring sustainable development. Big challenges. Modern factors of scientific and technical development. The innovative environment and its characteristics. The role of the state in the development of innovations. Technology and globalization. Technological transfer Technological sovereignty, modern features. Innovation and knowledge as public goods. Features of the information market, technology market and government participation. Guidelines for the economic policy of innovative development. Support for national competitiveness in the global world.

Topic 4. The national innovation system as the basis for innovative development

National innovation system concept, structure and directions of development. National innovation potential. Globalization and the national innovation system. Regional innovation system. The experience of foreign countries in the formation of NIS. The European model of the innovation system. Innovative infrastructure and the tasks of its development. Development of venture financing of innovations.

Topic 5. Economic principles of innovation regulation

Stimulating innovation by the state. Direct and indirect methods. Patents and licenses. Cooperation in scientific research and development. The state and international technological alliances. Stimulating innovation at the regional level. The Law of the Republic of Belarus «On State Innovation Policy and Innovation Activity in the Republic of Belarus». State programs of innovative development. The role of

government programs in the development of innovations. Problems of financing science and innovation. The importance and features of the development of the high-tech sector. Clusters and innovative development of the territories of the state.

Topic 6. Innovation and public policy

Tools of the state scientific and technical policy. Country typology of innovative development. Mission-oriented countries. Countries focused on technology diffusion. Differentiation of innovation policy mechanisms. Financial and credit mechanisms. Tax mechanisms. The role of forecasting in determining the strategy of innovative development. Demand-driven innovation policy. The experience of Russia and the OECD countries in the development of innovative development strategies.

Topic 7. The effectiveness of the state's innovation policy

The effectiveness of the national innovation system. The main innovative challenges. International indicators of innovation and knowledge economy development. Institutions that provide innovative activities. The tasks of innovative development of Belarus. Innovative processes in the public sector and their assessment. Assessment of the formation of the results of innovation policy. New indicators of innovation and methods of their formation.

CONTENT OF EDUCATIONAL MATERIAL EDUCATIONAL AND METHODOLOGICAL MAP OF ACADEMIC DISCIPLINE
«STATE INNOVATION POLICY»
Full-time form of receiving advanced higher education

Section number, topic	Title of section, topic	Amount of Academic load						Literature	Knowledge control form
		Lections	Workshops	Seminars	Laboratories	Amount of hours SIW			
						Lections	W (S)		
1	2	3	4	5	6	7	8	9	10
2 semester									
Topic 1	The basic concepts of innovation and modern innovations	2						[1-6], [12]	
	Seminar (The basic concepts of innovation and modern innovations)			2				[1-6], [12]	express survey
Topic 2	The economic theory of innovation	2						[1-6], [10]	
	Seminar (The economic theory of innovation)			2				[1-6], [10]	survey, presentations
Topic 3	The innovation sphere as a subject of economic analysis	2						[7], [9], [11], [26]	
	Seminar (The innovation sphere as a subject of economic analysis)			2				[7], [9], [11], [26]	survey, presentations
Topic 4	The national innovation system as the basis for innovative development	2						[6], [8], [17], [19]	
	Seminar (The national innovation system as the basis for innovative development)			4				[6], [8], [17], [19]	express survey
Topic 5	Economic principles of innovation regulation	2						[9], [14], [16-17], [20-21], [27-28]	

Section number, topic	Title of section, topic	Amount of Academic load						Literature	Knowledge control form
		Lections	Workshops	Seminars	Laboratories	Amount of hours SIW			
						Lections	W (S)		
1	2	3	4	5	6	7	8	9	10
	Seminar (Economic principles of innovation regulation)			2				[9], [14], [16-17], [20-21], [27-28]	test
Topic 6	Innovation and public policy	4						[4], [13], [15],[17], [22-25], [29-33]	
	Seminar (Innovation and public policy)			4				[4], [13], [15],[17], [22-25], [29-33]	survey, presentations
Topic 7	The effectiveness of the state's innovation policy	4						[6],[18], [34-35]	
	Seminar (The effectiveness of the state's innovation policy)			2				[6],[18], [34-35]	presentation of the case
Total 2 semester		**18**		**18**					**Offset**
Amount of hours		**18**		**18**					

INFORMATIONAL AND METHODOLOGICAL PART

Literature

Main:

1. Economics of innovation: a handbook for students of higher education institutions / I.M. Vashko. - Minsk: Academy of Management under the President of the Republic of Belarus, 2021. - 175 p. (in Russian)

2. Fundamentals of scientific and innovative activity of industrial organizations: textbook / O.V. Avdeychik, G.A. Khatskevich, V. A. Struk, L. N. Nekhorosheva; ed.: V. A. Struk, G. A. Khatskevich. - Grodno: GGAU, 2021. - 367 p. (in Russian)

3. Lysenkova, M. V. Justification of investment and innovative projects: a textbook for students of institutions of higher education in the specialty of the master's degree in Economics / M. V. Lysenkova. – Minsk: RIHS, 2021. – 607 p. (in Russian)

4. Belarus: Science, Technology, Innovation / [T. G. Stolyarova et al.; edited by S. V. Shlychkov]; State Committee on Science and Technology of the Republic of Belarus. – Minsk: BelISA, 2023. – 60 p. (in Russian)

Additional:

5. Bohdan, N.I. B. 73 Innovation policy / N. I. Bohdan. – Minsk: Four Quarters, 2019. – 308 p. (in Russian)

6. Alekseeva, M.B. Analysis of innovative activity: textbook and workshop for undergraduate and graduate studies / M.B. Alekseeva, P.P. Vetrenko. — Moscow: Yurait Publishing House, 2019. — 303 p. (in Russian)

7. Innovative management: textbook / L.P. Goncharenko, B.T. Kuznetsov, T.S. Bulysheva, V. M. Zakharova; under the general editorship of L.P. Goncharenko. — 2nd ed., reprint. and an additional one. — Moscow: Yurait Publishing House, 2019. — 487 p. (in Russian)

8. Lapin, N.I. Theory and practice of innovation: textbook /N.I. Lapin, V.V. Karacharovsky. — 2nd ed. — Moscow: Yurait Publishing House, 2019. — 350 p. (in Russian)

9. The National Economy of Belarus: textbook / V.N. Shimov, Ya.M. Alexandrovich, A.V. Bogdanovich [et al.]; edited by Dr. of Economics, prof. V.N. Shimov. – 5th ed. – Mn.: BSEU, 2018. – 650 p. (in Russian)

10. Barancheev, V.P. Innovation management: Textbook / V.P. Barancheev, N.P. Maslennikova, V.M. Mishin. – M.:Yurayt, Yurayt Publishing House, 2011. – M.: Economics, 2012. – 359 p. (in Russian)

11. Kiseleva V.V. State regulation of the innovation sphere: studies. manual / Kiseleva V.V., Kolosnitsyna M.G. – M.: Higher School of Economics, 2008. – 402 p. (in Russian)

12. Science and Innovation: Choosing priorities, ed. – N.I. Ivanov, M., IMEMO RAS, 2012. – 235 p. (in Russian)

13. Scientific and innovative policy: Russia and the World, 2011-2012 / Edited by N.I. Ivanova and V.V. Ivanov. – M.: Nauka, 2013. – 480 p. (in Russian)

14. Innovative development: Economics, intellectual resources, knowledge management / under the ed. Milner B.Z. – M.: INFRA-M, 2010. – 624 p. (in Russian)

15. Kudashov, V.I. Intellectual property: economy. and organizational and legal mechanisms of management / V.I. Kudashov, Yu.V. Nechepurenko. — Minsk: Amalfea: Misanta, 2013. — 192 p. (in Russian)

16. Legal support of scientific, technical and innovative activities: [scientific ed.] / [comp.: I. V. Voitov et al.]; State com. in science and technology. Rep. Belarus. — Minsk: BelISA, 2012. — 227 p. (in Russian)

17. Shimov, V.N. Innovative development of the Belarusian economy: driving forces and national priorities / V.N. Shimov, L.M. Kryukov. – Minsk: BSEU, 2014. – 199 p. (in Russian)

18. The State program of innovative development of the Republic of Belarus for 2021-2025. – Minsk: BelISA, 2022. (in Russian)

19. Shumilin, A.G. National innovation system of the Republic of Belarus: monograph / A.G. Shumilin. – Minsk: Academy of Management under the President of the Republic of Belarus, 2014. – 255 p. (in Russian)

20. The results of the comprehensive forecast of scientific and technological progress of the Republic of Belarus for 2021-2025 and for the period up to 2040 / ed. by A.G. Shumilin. — Minsk: GU «BelISA», 2020. -92 p. (in Russian)

21. The mechanism of innovative development of the economy of the Republic of Belarus is the economy of the National Academy of Sciences of Belarus. - Minsk: Belarusskaya navuka, 2022.- 446c. (in Russian)

22. Bohdan, N.I. The effectiveness of the innovation policy of Belarus: problems and ways of development / N.I. Bohdan // Belarusian Economic Journal. – 2013. – No. 2. – pp.84-101. (in Russian)

23. Stepanenko, D. M. The functional role of the state in ensuring innovative development: monograph / D. M. Stepanenko. - Moscow: Akademichesky, 2023. – 393 p. (in Russian)

24. Mechanisms of innovative development of the economy of the Republic of Belarus / D.V. Mukha, E.V. Presnyakova, N.G. Lopatova [et al.]; scientific ed. D.V. Mukha; National Academy of Sciences of Belarus, Belarusian E. sh. - Minsk: Belarusian Science, 2022. - 447 p.:ill. - Access mode: by subscription. - URL: https:// biblioclub.ru/index.php?page=book&id=701540 (date of access: 12.11.2024). - Bibliography: pp. 426-443. – ISBN 978-985-08-2912-2. – Text: electronic. (in Russian)

25. Myasnikovich, M. V. Practical issues of Eurasian economic integration / M. V. Myasnikovich; National Academy of Sciences of Belarus, Department of Humanities and Arts. – Minsk : Belaruskaya Navuka, 2021. – 296 p. : diagrams, tables, ill. – Access mode: by subscription. – URL: https://biblioclub.ru/index.php? page=book&id=685914 (date of access: 11/12/2024). – Bibliography in the book. – ISBN 978-985-08-2755-5. – Text : electronic. (in Russian)

26. Levko, A. I. Sociocultural prerequisites for the innovative development of society: philosophical and methodological analysis / A. I. Levko; National Academy of Sciences of Belarus. - Minsk: Belaruskaya Navuka, 2019. - 509 p. - Access mode: by subscription. - URL: https://biblioclub.ru/index.php?page=book&id=576462

(date of access: 12.11.2024). - Bibliography in the book. - ISBN 978-985-08-2474-5. - Text: electronic. (in Russian)

Normative legal acts

27. Constitution of the Republic of Belarus 1994: as amended. and additional adopted for rep. referendums 24 Nov. 1996, Oct 17 2004 and Feb 27 2022 - Minsk: National Center for Legal Information of the Republic of Belarus, 2022. - 192 p. (in Russian)

28. On normative legal acts of the Republic of Belarus: Law of the Republic of Belarus dated January 10, 2000 No. 361-Z: with amendments and additions. [Electronic resource] / National Center for Legal Information of the Republic of Belarus. – Minsk, 2017. – Access mode: http://pravo.by. – Access date: 20.01.2024. (in Russian)

29. On the State Innovation Policy and Innovation Activity in the Republic of Belarus, Law of the Republic of Belarus No. 425-Z. dated July 10, 2012. The National Center for Legal Information of the Republic of Belarus. – Minsk, 2017. – Access mode: http://pravo.by. – Access date: 20.09.2024. (in Russian)

30. The lists of state and regional scientific and technical programs for 2021-2025 were approved by Resolution No. 173 of the Council of Ministers of the Republic of Belarus dated March 26, 2021 «On Lists of State and regional scientific and technical programs for 2021-2025». The National Center for Legal Information of the Republic of Belarus. – Minsk, 2023 – Access mode: http://pravo.by. – Access date: 20.09.2024 (in Russian)

31. From the State Program of Innovative Development of the Republic of Belarus for 2021-2025: Decree of the President of the Republic of Belarus. September 15, 2021 No. 348. National Center for Legal Information of the Republic of Belarus. – Minsk, 2021. – Access mode: http://pravo.by. – Access date: 20.09.2024. (in Russian)

32. On the priority directions of scientific, scientific, technical and innovative activities in the Republic of Belarus for 2021-2025. Decree of the President of the Republic of Belarus No. 156 dated May 7, 2020. National Center for Legal Information of the Republic of Belarus. – Minsk, 2017. – Access mode: http://pravo.by. – Access date: 20.09.2024. (in Russian)

33. National Strategy of sustainable socio-economic development of the Republic of Belarus for the period up to 2035 // Ministry of Economy of the Republic of Belarus [Electronic resource]. - 2023. - Access mode: https://economy.gov.by/uploads/files/ObsugdaemNPA/NSUR-2035-1.pdf. – Access date: 20.02.2024. (in Russian)

34. On the commercialization of the results of scientific and scientific-technical activities created at the expense of public funds: Decree of the President of the Republic of Belarus dated February 4, 2013 No. 59 [Electronic resource] / National Center for Legal Information of the Republic of Belarus. – Access mode: http://pravo.by. – Access date: 20.09.2024. (in Russian)

35. The results of the comprehensive forecast of scientific and technological progress of the Republic of Belarus for 2021-2025 and for the period up to 2040 / ed. by A.G. Shumilin. — Minsk: GU «BelISA», 2020. -92 p. (in Russian)

List of questions for offset

1. The concepts of innovation, innovation and innovation, their essential differences.
2. Classification of innovations. Types of innovations, signs of innovation.
3. The innovation process, its features.
4. Innovation activity, concept, structure.
5. Models of the innovation process, linear, chain, triple helix.
6. Hypotheses of «technological push» and «market pressure» in innovative development.
7. Open and closed innovations, advantages, disadvantages.
8. National innovation system: concept, composition, structure.
9. Innovative infrastructure, composition, characteristics of elements, role in innovative development.
10. Knowledge economy, concept, role in modern development.
11. The role of scientific research in modern development. Indicators of the scientific potential of the country.
12. The concept of technological structures. N. Kondratiev's long waves.
13. The concept of the innovation environment and its structure.
14. The concept of innovation potential and its structure.
15. Features of the scientific, technical and innovative potential of Belarus.
16. The concept and essence of intellectual property.
17. Ways to protect intellectual property objects.
18. Commercialization of intellectual property objects.
19. Licensing: the essence of the types of licenses, its role in the management of the IPO.
20. Technological transfer. Essence, types.
21. International technology transfer.
22. International technology alliances.
23. Innovative networks, concept, types.
24. Innovative strategies: principles and methods of development.
25. Innovation and technology clusters.
26. Cluster policy of the state.
27. Regional innovation systems.
28. High technologies and their role in modern development.
29. The basic principles of the state's innovation policy.
30. Direct and indirect methods of state regulation of innovation activities.
31. Instruments of state regulation of innovation activity.
32. State programs of innovative development of the Republic of Belarus.
33. Financing of innovations. Innovation funds.
34. The role of venture financing. Features of venture financing of innovations.
35. Tax incentives for innovation.
36. Education for innovative development. Lifelong learning.
37. External and internal factors determining the effectiveness of innovation policy.

38. Approaches to quantification and methods of measuring the effectiveness of innovations.

39. Innovations in the service sector, innovations in the public sector of the economy, inclusive innovations.

40. Rating assessments of innovative development of countries. Benchmarking of innovations.

41. The global index of innovative development, the methodology of its definition.

42. Demand-driven innovation policy.

43. The experience of countries in the development of innovative development strategies Features of the State Program of innovative development for 2021-2025.

An approximate list of tasks for students' guided independent work in an academic discipline

1. A paradigm shift in economic development and the transition to a «knowledge-based economy».

2. The founders of the theory of innovation (Schumpeter, Kondratiev, G.Mensch).

3. The founders of the concept of the national innovation system (K. Freeman, B.A. Lundval, N. Rosenberg).

4. International standards for describing innovations: The Frascati Manual and the Oslo Manual.

5. Kondratiev's Long Waves and modernity: the formation of the VI technological order.

6. Linear and chain models of innovation.

7. Open and closed innovations.

8. The triple helix model and its development.

9. Innovation potential and its structure.

10. Scientific, technical and innovative potential of the country.

11. The role of science in innovative development. Indicators of the scientific potential of the country.

12. Formation of national characteristics of innovation systems of different countries.

13. The main dimensions of national innovation systems.

14. The system of elements of innovation infrastructure, its functions and structure.

15. Types of technological transfer.

16. High technologies and their role in economic development

17. Indicators of high technology development by country.

18. Intellectual assets of the company: composition and classification

19. Means of individualization of legal entities, goods, works and services of the enterprise: trademarks, trade names and service marks.

20. Licensing of intellectual property: the concept, subject and types of licenses.

21. The legal framework of the state's innovation policy.

22. Instruments of state regulation of innovation activity.

23. Indicators of the procedure for monitoring the implementation of measures of the State Program of innovative development.

24. Direct and indirect methods of state regulation of innovation activity.

25. Available financial resources (sources of financing) of innovative companies at various stages of the life cycle.

26. Features of venture financing of innovations.

27. Tax incentives for innovation.

28. Public-private partnership in the field of innovation.

29. Stimulating innovation at the regional level. Regional innovation systems.

30. Innovation grants and vouchers to stimulate innovation.

31. External and internal factors determining the effectiveness of innovation policy.

32. Rating assessments of innovative development of countries.

33. The experience of OECD countries in developing innovative development strategies.

34. Innovations in the service sector, innovations in the public sector of the economy.

35. Modern mechanisms for the implementation of the innovation strategy.

36. Analytical notes on the assessment of the level of scientific, technical and innovative development.

37. Cases «Analysis of innovation activity and its results».

Organization of independent work of students

To obtain competencies in an academic discipline, an important stage is the independent work of students.

64 hours are allotted for independent work of a full-time student receiving advanced higher education in specialty 7-06-0311-01 «Economics».

The content of students' independent work includes all topics of the academic discipline from the «Content of educational material» section.

When studying an academic discipline, the following forms of independent work are used:

- study of the curriculum of the discipline with a list of literary sources on the discipline, methodological recommendations;
- participation in round tables;
- writing reports on problematic topics;
- study of topics and problems that are not brought to lectures in this discipline;
- completing research assignments, case studies;
- preparation for seminars;
- preparation for the offset.

Quality control of knowledge acquisition

Diagnosis of the quality of knowledge acquisition is carried out as part of ongoing monitoring and intermediate certification.

Current control activities are carried out throughout the semester and include the following forms of control:

test;

express survey in classroom sessions;

survey;

abstract;

educational task;

report on the implementation of research and creative tasks, laboratory research, scientific and technical developments;

other forms.

The result of ongoing monitoring for the semester is assessed by a mark on a ten-point scale and is derived based on the marks given during ongoing monitoring activities during the semester.

Requirements for students when passing intermediate certification.

Students are admitted to intermediate certification in an academic discipline, subject to successful completion of the current certification (implementation of ongoing control measures) in the academic discipline provided for in the current semester by this curriculum.

Interim certification is carried out in the form of an offset.

Methodology for forming a grade in an academic discipline

Grades for the academic discipline are formed in accordance with the Regulations on the rating system for assessing the knowledge, skills and abilities of BSEU students.

THE PROTOCOL OF THE COORDINATION OF THE CURRICULUM FOR THE STUDIED ACADEMIC DISCIPLINE WITH OTHER DISCIPLINES OF THE MAJOR

Title of the academic discipline with the current discipline should be endorse	Department	Suggestions about changes in the content of the curriculum institutions of higher discipline education	The decision taken by the department that developed the curriculum (indicating the date and protocol numbers)
1	2	3	4
Macroeconomic Analysis and Politics	Department of Economic Policy		

ADDITIONS AND CHANGES TO THE CURRICULUM FOR THE ACADEMIC DISCIPLINE «STATE INNOVATION POLICY»
(Registration № _____ from)
for_____/_____ academic year

№	Additions and changes	Basis

The curriculum was revised and approved at a meeting of the Department of National Economy and Public Administration
(protocol №___from_____20____)

Head of the department,
PhD in Economics, Associate Professor _____ T.V. Buhovets,

APPROVED BY
Dean of the Faculty
PhD in Economics, Associate Professor _____ E.V. Petrichenko