

Educational institution «Polotsk State University»

APPROVE

Vice-Rector for Academic
Affairs

of educational institution
“Polotsk State University”

_____ N.A. Boreyko

____ . _____ 2020

Registration № УД-_____/уч.

Module «Psychology of learning»

INNOVATIONS IN MODERN STUDENT EDUCATION

Study program of educational institution

“Polotsk State University” for the discipline and specialty

**1-08 80 02 «Theory and Methods of Education and Upbringing (by
fields and levels of education) »**

Field of specialty: Pedagogical psychology

2020

The study program is based on the educational standard for higher education specialty (OCBO) 1- 1-08 80 02-2019 and on the syllabus for specialty 1-08 80 02 «Theory and Methods of Education and Upbringing (by fields and levels of education)». Registration № № 61-20/до-и М-ГФ, 01.10.2020.

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IS RECOMMENDED TO BE APPROVED BY:

Department of Technology and Teaching Methods
of educational institution “Polotsk State University”
(minutes № __ dated from __ _____ _____);

Tutorial board of Human faculty of educational institution “Polotsk State
University”
(minutes № __ dated from __ _____ _____)

EXPLANATORY NOTE

The curriculum for the academic discipline «**Innovations in modern student education**» is aimed at forming students in the master's degree program in the specialty 1-08 80 02 «Theory and Methods of Education and Upbringing (by fields and levels of education)» (Speciality Profile Profession: Pedagogical psychology) ideas about innovations in education, modern innovative processes, innovative activities of a teacher, methods and technologies of teaching, the place of the university in innovative processes, the psychology of innovation.

The modern education system needs innovation, because it requires a dynamically changing social environment.

Pedagogical activity is a purposeful influence of the teacher, focused on the versatile development of the student's personality and preparing him for life in modern socio-cultural conditions. The socio-cultural environment constantly requires the teacher and the student to learn new things. That is why it is necessary to apply innovations in the modern education of students.

In the educational standard for the specialty 1-08 80 02-2019 «Theory and Methods of Education and Upbringing», the following terms are used to describe innovative processes in education:

Innovation – a new or improved product, a new or improved technology, a new service, a new organizational and technical solution of a production, administrative, commercial or other nature introduced into civil circulation or used for their own needs. Innovation activity – the activity of transforming innovation into innovation.

A specialist of the psychological and pedagogical profile in modern conditions must be able to introduce innovations in the educational environment, possess technologies for converting educational innovations into innovations.

The purpose of teaching the discipline: the development of students of the modern world experience in the introduction of innovations in education, innovative methods and technologies of teaching students, the principles and objectives of innovative activity of the teacher.

Achieving this goal involves solving the following tasks:

- formation of ideas about innovations in modern education;
- the development of innovative techniques and methods of pedagogical activity by students;
- mastering the ways of introducing innovative techniques and methods in the pedagogical process in order to create conditions for effective motivation of students;
- to study the world experience of innovative activity of the teacher;
- mastering strategies for building and implementing promising lines of professional self-development of a teacher, taking into account innovative trends in modern education;
- formation of an understanding of the essence of the tasks and methods of conducting a pedagogical experiment in the innovative activity of a teacher;

- study of innovative educational technologies in the modern pedagogical process.

As a result of studying the academic discipline «Innovations in modern student education», the student **must:**

know:

- the essence of innovative processes in modern education;
- basic concepts and principles of innovative education;
- innovative methods in teaching students;
- principles of innovative activity of the teacher;
- innovative educational technologies;
- the university's place in innovative pedagogical transformations;

can:

- apply innovative methods in teaching;
- to carry out innovative teaching activities;
- develop and implement innovative educational technologies;
- conduct a pedagogical experiment within the framework of pedagogical innovation activities;
- use psychological knowledge in the organization of innovative educational activities.

master:

- innovative methods in teaching students;
- innovative educational technologies;
- skills of analysis of innovative pedagogical activity;
- skills in solving problem situations related to the introduction of innovations in teaching practice.

In the course of studying the academic discipline, the student must develop the following **competencies:**

specialized competencies:

SK-2 Being able to use innovation teaching technologies taking into account the tasks of each age stage of student development. Being able to develop mechanisms for creating an innovative information and educational environment in an educational institution.

The academic discipline «Innovations in modern student education» is related to the following academic disciplines:

The academic discipline "Strategic and innovative management in education" (Module "Innovation management in education") - in terms of commercialization and the most effective use of educational innovations;

The academic discipline «Emotional intelligence and emotional creativity» (Module "Psychology of learning") - in terms of studying innovative methods of stimulating emotional creativity and intelligence in modern education of students.

The mode of study – full-time.

According to the curriculum for the study of the discipline there are:

total number of academic hours – 90, in-class hours – 36, including lectures – 16 hours, practical studies – 20 hours. Independent student work – 54 hours.

The discipline is studied in 1 semester. Form(s) of current assessment – credit.

THE CONTENT OF INSTRUCTION

Topic 1. The relevance of studying innovative processes in education

The importance of preserving and increasing intellectual capital. The role of modern education in the growth of intellectual capital. Modern global innovative trends in education. Changing the social role of education in the modern world. The difference between the traditional education system and innovative education. The importance of innovation in modern education. Innovations as a response to the challenges of the modern social environment. The relevance of the study of innovative processes in modern education. The relationship between globalization processes and innovation.

Topic 2. Basic concepts and principles of innovative education

The concept of "innovation". Innovations in education. Innovations in modern student education. The difference between the concepts: innovation, innovation, novelty, pedagogical innovation. The concept of pedagogical innovation.

Pedagogical innovation processes as a subject of study. Basic principles of innovation implementation. Innovation and the market. Commercialization of innovations in education. Principles of innovative education.

Topic 3. Innovative methods in the education of students

Concepts of method in training. Approaches and methods of training.

Innovative learning and its principles. Innovative methods in teaching. Cross-training. Learning through smart boards. The "inverted class" method. Learning through collaboration. Learning through virtual reality. Training using 3D printing technology. Training using cloud resources. Smart maps. Experimental training. Game methods in training. The project method. Feedback in innovative education.

Topic 4. The innovative activity of the teacher.

Innovative activity of the teacher. The sequence of stages of creative pedagogical activity. Approaches to the analysis of innovative activity of the teacher.

Acmeology as a science. Pedagogical acmeology: concept and subject. Professional acmeology. Factors of formation of professionalism of the teacher's personality. The process of individualization of the teacher in pedagogical work. Creative personality in teaching. Levels and stages of professional and personal maturity of the teacher.

Professional competence. Directions of professional competence research. Professional competencies of the teacher. Types of competencies. Professional knowledge and skills of the teacher. Value orientations of the teacher. Culture of speech. Styles of pedagogical communication. Problems of training modern teachers for innovation. Communicative, constructive, organizational skills of a modern teacher. Motivation of a modern teacher.

Topic 5. Development and implementation of innovative educational technologies in the pedagogical process

Educational technologies as a kind of social technologies. Social innovations as a driving force for changes in education. The concept of educational technology. Stages of the innovation process in pedagogy. Technologies in modern education: stages of implementation. The Morel Matrix: the emergence of technology in education, the application of technology, integration, and transformation. Information and digital technologies in education. Technology of problem-based learning. Multi-level learning technology. Game learning technology.

Topic 6. The place of the university in innovative pedagogical transformations

Theoretical approaches to innovation in higher education. The mutual influence of the university and the social environment as the engine of innovative transformations. The University as an innovation center of the region. University stakeholders.

The ratio of economic, social and scientific factors in the introduction of innovations in universities.

Examples of innovative activities of universities in different countries of the world. Examples of innovative activities of universities in Belarus.

Topic 7 Innovation process and pedagogical experiment

Pedagogical experiment, its characteristics. Pedagogical research. Basic research. Applied research. Scientific facts revealed during the experiment, their use. Stages of pedagogical research. The scientific apparatus of the study. Determining factors of a successful pedagogical experiment. Planning an experiment. Implementation of the experiment. Research pedagogical experience.

Qualitative and quantitative research methods. Opportunities, advantages and disadvantages of qualitative and quantitative research methods.

Topic 8. Psychology of innovative activity

The readiness of society for pedagogical innovations. The psychology of innovation and the psychology of personality: the correlation of concepts. The psychological context of changes in education.

Psychology of innovation and creativity. Psychology of the teacher-innovator. The value of feedback for the teacher-innovator. Basic identification of university teachers. The balance of wisdom, knowledge and creativity as a condition of innovative activity of the individual. Creativity as a process. The concept of the creative potential of the teacher. The emotional sphere of the teacher and creativity. Psychology of the creative teacher.

Course Topics

in Russian	in English
Тема 1. Актуальность изучения инновационных процессов в образовании	Topic 1. The relevance of studying innovative processes in education
Тема 2. Основные понятия и принципы инновационного образования.	Topic 2. Basic concepts and principles of innovative education
Тема 3. Инновационные методы в обучении студентов	Topic 3. Innovative methods in the education of students
Тема 4. Инновационная деятельность педагога.	Topic 4. The innovative activity of the teacher.
Тема 5. Разработка и внедрение инновационных образовательных технологий в педагогический процесс	Topic 5. Development and implementation of innovative educational technologies in the pedagogical process
Тема 6. Место университета в инновационных педагогических преобразованиях	Topic 6. The place of the university in innovative pedagogical transformations
Тема 7. Инновационный процесс и педагогический эксперимент	Topic 7 Innovation process and pedagogical experiment
Тема 8. Психология инновационной деятельности	Topic 8. Psychology of innovative activity

**Educational and methodical map of the discipline «Innovations in modern student education»
Full-time form of getting higher education**

Number of section, topic	Name of section, topic	Number of in-class hours					Literature	Skills control forms
		lectures	practical studies	seminars	laboratories	managed independent student work		
1	2	3	4	5	6	7	8	9
1 Semester								
Topic 1. The relevance of studying innovative processes in education								
1.1.	The relevance of studying innovative processes in education	2					Basic literature: [1], [2], [3], [4]. Additional literature: [1].	
1.2.	The relevance of studying innovative processes in education		2				Basic literature: [1], [2], [3], [4]. Additional literature: [1].	Test
Topic 2. Basic concepts and principles of innovative education								
2.1.	Basic concepts and principles of innovative education	2					Basic literature: [1], [2], [3], [4]. Additional literature: [3].	
2.2.	Basic concepts and principles of innovative education		2				Basic literature: [1], [2], [3], [4]. Additional literature: [4].	Test
Topic 3. Innovative methods in the education of students								

3.1.	Innovative methods in the education of students	2					Basic literature: [1], [2], [3], [4]. Additional literature: [15].	
3.2.	Innovative methods in the education of students		2				Basic literature: [1], [2], [3], [4]. Additional literature: [6].	Test
3.2.	Innovative methods in the education of students		2				Basic literature: [1], [2], [3], [4]. Additional literature: [6].	Test
Topic 4. The innovative activity of the teacher								
4.1.	The innovative activity of the teacher	2					Basic literature: [1], [2], [3], [4]. Additional literature: [3].	
4.2.	The innovative activity of the teacher		2				Basic literature: [1], [2], [3], [4]. Additional literature: [7].	Test
Topic 5. Development and implementation of innovative educational technologies in the pedagogical process								
5.1.	Development and implementation of innovative educational technologies in the pedagogical process	2					Basic literature: [1], [2], [3], [4]. Additional literature: [2].	
5.2.	Development and implementation of innovative educational technologies in the pedagogical process		2				Basic literature: [1], [2], [3], [4]. Additional literature: [10].	Test
Topic 6. The place of the university in innovative pedagogical transformations								
6.1.	The place of the university in innovative pedagogical transformations	2					Basic literature: [1], [2], [3], [4].	

							Additional literature: [7].	
6.2.	The place of the university in innovative pedagogical transformations		2				Basic literature: [1], [2], [3], [4]. Additional literature: [9].	Test
Topic 7 Innovation process and pedagogical experiment								
7.1.	Innovation process and pedagogical experiment		2				Basic literature: [1], [2], [3], [4]. Additional literature: [5].	
7.2.	Innovation process and pedagogical experiment		2				Basic literature: [1], [2], [3], [4]. Additional literature: [8].	Test
Topic 8. Psychology of innovative activity								
8.1.	Psychology of innovative activity		2				Basic literature: [1], [2], [3], [4]. Additional literature: [11].	
8.2.	Psychology of innovative activity		2				Basic literature: [1], [2], [3], [4]. Additional literature: [15].	Test
8.3.	Psychology of innovative activity		2				Basic literature: [1], [2], [3], [4]. Additional literature: [12].	Final Test*

* intermediate control activities

INFORMATION AND METHODOLOGICAL PART

LITERATURE

Basic:

1. Chand, V. S., Kuril S., Shukla A. Dialoguing with teacher-educators, valorizing teacher innovations / V. S. Chand, S. Kuril, A. Shukla // London Review of Education [Electronic resource]. – 2020. – № 18 (3). – p. 451–466. - Mode of access: <https://www.scienceopen.com/hosted-document?doi=10.14324/LRE.18.3.09>

2. Meissner, D., Kotsemir, M. Conceptualizing the innovation process towards the ‘active innovation paradigm’—trends and outlook / D. Meissner, M. Kotsemir // Journal of Innovation and Entrepreneurship [Electronic resource]. – 2016. – №14. – Mode of access: DOI 10.1186/s13731-016-0042-z

3. Mykhailyshyn, H., Kondur, O., Innovation of education and education innovation in conditions of modern higher education institution / H. Mykhailyshyn, O. Kondur // Journal of Vasyl Stefanyk Precarpathian National University, № 5 (1), 2018. [Electronic resource]. - Mode of access: <http://jpnu.pu.if>. UDC 37.034. doi: 10.15330/jpnu.5.1.9-16

4. Vincent-Lancrin, S., Urgel, J., Kar, S., Jacotin, G. Educational Research and Innovation Measuring Innovation in Education 2019. What has changed in the classroom? / S. Vincent-Lancrin, J. Urgel, S. Kar, G. Jacotin // OECD 2019. – 337 p. [Electronic resource]. – Mode of access: https://www.oecd.org/education/cei/Measuring_Innovation_16x23_ebook.pdf

Additional:

Biondi, G., Durando, M. Open Book of Educational Innovation / G. Biondi, M. Durando // European Schoolnet [Electronic resource]. – Mode of access: www.europeanschoolnet.org

2. Bortko T. G. Innovative educational technologies. Textbook. - Kostanay: KST Z. Aldamzhar. 2017. - 100 p. [Electronic resource]. - Mode of access: <http://www.kosstu.kz/static/uploads/library/gumanitar/english/2020/T.%20Bortko%20Innovative%20educational%20technologies.pdf>

3. Dvorak, I., Ciharova, K., Kosova, H., Valach, J. Innovative approaches to education in natural sciences at the Charles University in Prague / I. Dvorak, K. Ciharova, H. Kosova, J. Valach // Procedia - Social and Behavioral Sciences [Electronic resource] – 2015. Volume 176. - p. 546 – 551. - Mode of access: DOI 10.1186/s13731-016-0042-z DOI: 10.1016/j.sbspro.2015.01.509

4. Groff, J. Technology-Rich Innovative Learning Environments / J. Groff // OECD Working Paper. - 2014. [Electronic resource] - Mode of access: <https://www.media.mit.edu/publications/technology-rich-innovative-learning-environments>

5. Ilić, M., Jerković, L. Scientific and methodological soundness of experiments in pedagogical research / M. Ilić, L. Jerković // European Journal of

Education Studies [Electronic resource] – Vol. 3. - Issue 1. - 2017. - p. 112 – 122.
Mode of access: <https://core.ac.uk/download/pdf/236102572.pdf>

6. Innovating Pedagogy 2019 // Open University Innovation. Report 7. – 2019. [Electronic resource]. - Mode of access: <https://iet.open.ac.uk/file/innovating-pedagogy-2019.pdf>

7. Jónasson, Jón Torfi Educational change, inertia and potential futures. Why is it difficult to change the content of education? / J. T. Jónasson // European Journal of Futures Research. – 2016, Volume 4, № 7. [Electronic resource]. DOI 10.1007/s40309-016-0087-z. – Mode of access: https://www.researchgate.net/publication/309335113_Educational_change_inertia_and_potential_futures_Why_is_it_difficult_to_change_the_content_of_education

8. Martin, P., Potocnik, K., Fras, A.B. Determinants of students' innovation in Higher Education / P. Martin, K. Potocnik, A.B. Fras // Studies in Higher Education [Electronic resource] – 2017. Volume 42. - Issue 7. – Mode of access: <https://doi.org/10.1080/03075079.2015.1087993>

9. Moulaert, F., Mehmood, A., MacCallum, D., Leubolt, B. Social Innovation as a Trigger for Transformations - The Role of Research / F. Moulaert, A. Mehmood, D. MacCallum, and B. Leubolt / European Commission. [Electronic resource]. - 2017. - Mode of access: https://www.researchgate.net/publication/321654382_Social_Innovation_as_a_Tri_gger_for_Transformations_-_The_Role_of_Research

10. Mynbayeva, A., Sadvakassova, Z., Akshalova, B. Pedagogy of the Twenty-First Century: Innovative Teaching Methods / Pedagogy of the Twenty-First Century: Innovative Teaching Methods - 20 p. [Electronic resource]. – Mode of access: <http://dx.doi.org/10.5772/intechopen.72341>

11. Nzama, M.V., Maphalala, C. The Proliferation of Cell Phones in High Schools: The Implications for the Teaching and Learning Process / C. Maphalala, M.V. Nzama // Mediterranean Journal of Social Sciences. - Vol 5. № 3. - 2014. [Electronic resource] - Mode of access: Doi:10.5901/mjss.2014.v5n3p461

12. Revathi, G., Elavarasi, S. and Saravanan, K. Innovative methods of teaching and learning for education / Journal of Emerging Technologies and Innovative Research. [Electronic resource]. – 2019. - Volume 6, Issue 5. - Mode of access: www.jetir.org (ISSN-2349-5162) JETIR1905L23

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14. Sato M., Loewen S. Do teachers care about research? The research-pedagogy dialogue / M. Sato, S. Loewen // ELT Journal [Electronic resource] – V. 73, Issue 1. – 2019. – p. 1–10. – Mode of access: doi:10.1093/elt/ccy048

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- 2019. - № 10 (2). - p. 131-144. - Mode of access: <https://jsser.org/index.php/jsser/article/view/916>

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17. Westmore, B. Policy incentives for private innovation and maximising the returns / B. Westmore // OECD Journal: Economic Studies. [Electronic resource]. Vol. 2013/1. – 2014. – p. 121 – 163. Mode of access: http://dx.doi.org/10.1787/eco_studies-2013-5k3trmjlxzq

18. Xuarros, I. K., Madrazo, A.A., Ciganda, M.B., Armijo, P.C. Innovative pedagogical experiences at basque country inclusive schools / British Journal of Educational Studies [Electronic resource]. Volume 68. - Issue 6 - 2020. - p. 773 - 770. - Mode of access: <https://doi.org/10.1080/00071005.2020.1719032>

19. Yew, E.H.J., Goh, K. Problem-Based Learning: An Overview of its Process and Impact on Learning / Health Professions Education [Electronic resource]. - 2016. – №2. – p. 75 – 79. - Mode of access: <https://www.sciencedirect.com/science/article/pii/S2452301116300062>

THE LIST OF PRACTICAL STUDIES

Topic of the practical study 1.

Relevance of the study of innovative processes in education

Topic of practical study 2.

Basic concepts and principles of innovative education

The topic of the practical study 3.

Innovative methods in teaching students.

The topic of the practical study 4.

Innovative methods in teaching students

Topic of the practical study 5.

Teacher-innovator at the present time

Topic of the practical study 6.

Development and implementation of innovative educational technologies in the pedagogical process.

The topic of the practical study 7.

The place of the university in innovative pedagogical transformations.

Topic of the practical study 8.

Innovation process and pedagogical experiment.

Topic of the practical study 9.

Psychology of innovation activity.

Topic of the practical study 10.

Psychology of innovation activity.

THE LIST OF PASS/FAIL EXAMINATION QUESTIONS

1. The concepts of innovation and innovation activity.
2. Innovative activity in education: essence, interpretations.
3. Modern world innovative trends in education.
4. Differences between traditional and innovative education systems.
5. The difference between the concepts: innovation, innovation, novelty, pedagogical innovation.
6. Approaches in innovative teaching of students.
7. Methods of innovative training.
8. Relevance of the study of innovative processes in education.
9. Basic concepts and principles of innovative education.
10. The link between globalization and innovation.
11. Innovative methods in teaching students.
12. Pedagogical acmeology.
13. Factors of formation of professionalism of the teacher's personality.
14. Teacher-innovator at the present time.
15. Creative personality of the teacher and innovative
16. Styles of pedagogical communication.
17. Communication and organizational skills of an innovative teacher.
18. Innovative technologies. Development and implementation of innovative educational technologies in the pedagogical process.
19. The University's place in innovative pedagogical transformations.
20. Innovation process and pedagogical experiment.
21. Psychology of innovation activity.
22. Project method.
23. Information technologies in education.
24. Technology of problem-based learning.
25. Technology of multi-level training.
26. Game learning technologies.
27. Feedback in innovative learning.
28. Experimental training.
29. Smart cards in innovative learning.
30. The technology of teaching "inverted class".

THE LIST OF TOPICS FOR REPORTS

1. International experience of educational innovations.
2. Innovations in the education systems of European countries.
3. Innovations in pedagogy: pros and cons.
4. Innovative education system as a response to the challenges of our time.
5. Traditional and innovative education: various and general.
6. Qualitative and quantitative methods of scientific research.
7. Pedagogical experiment.
8. Innovative activity of universities.
9. Science and innovations in education.
10. Economics and scientific innovations.
11. Innovative activity of the teacher.
12. Pedagogical acmeology.
13. Innovative methods.
14. Innovations in general education schools.
15. Innovations in higher education.
16. Technologies of problem-based learning.
17. Feedback in the implementation of innovations.
18. Project method.
19. The method of game training.
20. The "inverted class" method.

ORGANISATION OF INDEPENDENT STUDENT WORK

When studying the discipline, the following forms of independent work are applied:

- Independent work in the form of preparation for tests on each topic.
- Self-study of issues topics.

Additional information and methodological support of independent student work:

Web sources:

1. Mynbayeva A., Sadvakassova Z., Akshalova B. Pedagogy of the Twenty-First Century: Innovative Teaching Methods. 2018. DOI: 10.5772/intechopen.72341 /

https://www.researchgate.net/publication/326217933_Pedagogy_of_the_Twenty-First_Century_Innovative_Teaching_Methods

2. Revathi, G., Elavarasi, S. and Saravanan, K. Innovative methods of teaching and learning for education / Journal of Emerging Technologies and Innovative Research. 2019 JETIR May 2019, Volume 6, Issue 5. / www.jetir.org (ISSN-2349-5162) JETIR1905L23

The content of independent student work (full-time form of getting higher education)

Type of independent work	Thematic content and sources used	Number of hours
		1st Semester
In-depth study of individual topics of the discipline	Topic 1. The relevance of studying innovative processes in education Basic literature: [1], [2]. Additional literature:[1], [3], [4]	2 h.
	Topic 2. Basic concepts and principles of innovative education Literature: refer to Topic 1.	2 h.
	Topic 3. Innovative methods in the education of students Literature: refer to Topic 1.	4 h.
	Topic 4. The innovative activity of the teacher Basic literature: [1], [2]. Additional literature:[2], [3], [5]	4 h.
	Topic 5. Development and implementation of innovative educational technologies in the pedagogical process	4 h.

	Basic literature: [1], [2], [3].	
	Topic 6. The place of the university in innovative pedagogical transformations Basic literature: [1], [2], [3] Additional literature: [3], [5], [8]	2 h.
	Topic 7. Innovation process and pedagogical experiment Basic literature: [1], [3], [2] Additional literature: [2], [3], [6].	2 h
	Topic 8. Psychology of innovative activity Basic literature: [1], [2], [3] Additional literature: [2], [3], [6].	2 h
Preparing for the test on the topic	Topic 1. The relevance of studying innovative processes in education Basic literature: [1], [2], [3] Additional literature:[1], [3], [2]	2 h.
	Topic 2. Basic concepts and principles of innovative education Literature: refer to Topic 1.	2 h.
	Topic 3. Innovative methods in the education of students Literature: refer to Topic 1.	2 h.
	Topic 4. The innovative activity of the teacher Basic literature: [1], [2].	2 h.
	Topic 5. Development and implementation of innovative educational technologies in the pedagogical process Basic literature: [1], [2].	2 h
	Topic 6. The place of the university in innovative pedagogical transformations Basic literature: [1], [2], [3]. Additional literature: [3], [5], [8]	2 h.
	Topic 7. Innovation process and pedagogical experiment Basic literature: [2], [3], [3] Additional literature: [8], [10]	2 h.
	Topic 8. Psychology of innovative activity Basic literature: [1], [2], [3] Additional literature: [2], [3], [6].	2 h.
	Topic 1. The relevance of studying innovative processes in education Basic literature: [1], [5], [6] Additional literature:[1], [3], [9]	2 h.
	Topic 2. Basic concepts and principles of innovative education Literature: refer to Topic 1.	2 h..

Preparing for the Final test	Topic 3. Innovative methods in the education of students Literature: refer to Topic 1.	2 h.
	Topic 4. The innovative activity of the teacher Basic literature: [1], [2].	2 h
	Topic 5. Development and implementation of innovative educational technologies in the pedagogical process Basic literature: [1], [2].	2 h
	Topic 6. The place of the university in innovative pedagogical transformations Basic literature: [1], [2], [3]. Additional literature: [3], [5], [8]	2 h
	Topic 7. Innovation process and pedagogical experiment Basic literature: [2], [3], [3] Additional literature: [8], [10]	2 h.
	Topic 8. Psychology of innovative activity Basic literature: [2], [3], [4] Additional literature: [8], [10]	2 h.
Total:		54

CONTROL OF SKILLS ACHIEVEMENT QUALITY

Requirements for students during the current assessment:

The student must be able to do the following:

- apply innovative methods in teaching;
- to carry out innovative teaching activities;
- develop and implement innovative educational technologies;
- conduct a pedagogical experiment within the framework of pedagogical innovation activities;
- use psychological knowledge in the organization of innovative educational activities.

Diagnostics of the skills achievement quality is carried out in the form of intermediate control and current assessment.

The intermediate control activities are carried out during semester and include the following forms of control: tests for each of the topics and the final test for the course.

The result of the intermediate control for the semester is evaluated by the ten-point scale and is aggregated from the marks in the course of intermediate control activities during the semester according.

The test for each topic of the course must be passed for a score above 4 points. If all the tests on the course topics are passed for grades above 4 points, the student receives a credit automatically for the work in the semester.

If the tests on some topics are not passed or passed for grades less than 4 points, the student must take the final test. A student receives a credit if they have completed the final test tasks correctly by more than 60%.

Current assessment is carried out in the form of credit.

THE DESCRIPTION OF INNOVATIVE TEACHING APPROACHES

An innovative approach to teaching means the introduction and use of pedagogical innovations.

Pedagogical innovations are:

a) purposeful changes that introduce innovations into the educational environment, improving the characteristics of individual parts, components and the educational system itself;

b) the process of mastering innovations (new tools, methods, technologies, training programs, etc.);

c) the search for new methods and programs, their implementation in the educational process and creative rethinking.

The innovative approach of this course consists in the use of information technologies in teaching, the use of a modular rating system, and the interdisciplinarity of the course material.

This course examines modern global innovations in education.

**PROTOCOL FOR COORDINATING THE CURRICULUM
WITH OTHER DISCIPLINES OF THE SPECIALTY**

Name of the discipline to be coordinated with	Name of department	Proposals for changes in the curriculum of the institution of higher education	Decision taken by the department, which developed the academic program (with date and number of the minutes) *
1	2	3	4
Graduating department	Department technologies and methods of teaching	No offers	

Head of the department
 technologies and methods of teaching
 Candidate of Sciences, docent _____ N. Dauhiala

**ADDITIONS AND CHANGES TO THE STUDY PROGRAM OF THE
INSTITUTION OF HIGHER EDUCATION**

dated from ____/____ academic year

№ п/п	Additions and changes	Basis

The study program is reviewed and approved on the department meeting

_____ (minutes № _____ dated from _____ 202__)

Head of the department

technologies and methods of teaching

Candidate of Sciences, docent _____ N. Dauhiala

APPROVE

Dean of the Faculty of Humanities

Candidate of Sciences, docent _____ A. Kirienko