

Документ подписан простой электронной подписью
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Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University

Higher School of Management

(the name of the main educational unit (OUP)-the developer of the postgraduate program)

Department of Innovation Management and Foreign Economic Activity

(the name of the basic educational unit (BUP)-the developer of the postgraduate program)

COURSE SYLLABUS

Economics of Innovation

(course title)

Scientific specialty:

5.2.3. Regional and sectoral economy

(scientific speciality code and title)

The course instruction is implemented within the PhD programmes:

Economics of Innovation

(PhD program title)

2026 г.

1. DISCIPLINE (MODULE) GOAL

The objective of mastering the discipline "Economics of Innovation" is the formation of students' methodological and scientific culture, a system of knowledge, skills and abilities in the field of organizing and conducting scientific research, in particular, during the performance of dissertation work.

Tasks:

- mastering the logic of dissertation research by students
- mastering by students the structure of the study, the terminological apparatus, the necessary attributes of the dissertation research.
- familiarity with the ways and sources of obtaining information
- mastering information processing methods.
- mastering the methodology of registration and presentation of the results of scientific research.

2. REQUIREMENTS TO PHD-STUDENTS ON FINISHING THE COURSE

As a result of completing the discipline " Methodology of Scientific Research ", a graduate student must:

- to study the methodology of teaching economic disciplines; independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies.
- to learn how to analyze and evaluate modern scientific achievements, generate new ideas when solving scientific and scientific-educational tasks.
- to master the terminology and necessary attributes of the dissertation research.

3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

The overall workload of the discipline « Economics of Innovation» is 3 credit units (108 academic hours).

Types of activities	Total ac. hrs.	Semesters
<i>Classroom activities (total), including:</i>	60	60
в том числе:		
Lectures (LC)	30	30
Laboratory activities (LA)	–	–
Practical lessons/Seminars (PC)	30	30
<i>Independent work</i>	30	30
<i>Intermediate certification (test with assessment/exam)</i>	18	18
Overall workload	ac. hrs.	108
	credits	3

4. THE CONTENT OF THE DISCIPLINE

Name of the discipline section	Contents of the section (topic)	Type of study work
Section 1. Introduction to the "Economics of Innovation"	Topic 1.1. Introduction to the course "Economics innovations"	LC /SC
Section 2. Presentation and design of the dissertation research	Topic 2.1. Theoretical foundations of innovation economics	LC /SC
Section 3. Trends of innovative development in the world	Topic 3.1. Trends of innovative development in the world	LC /SC
Section 4. Russian experience	Topic 4.1. Russian experience of innovative development	LC /SC

Name of the discipline section	Contents of the section (topic)	Type of study work
of innovative development		
Section 5. National innovation systems	Topic 5.1. National innovation systems	LC /SC
Section 6. The best global development practices	Topic 6.1. The best global practices	LC /SC
Section 7. Innovation management tools and mechanisms	Topic 7.1. Tools and mechanisms of innovation management	LC /SC
Section 8. The innovative potential of the organization	Topic 8.1. The innovative potential of the organization	LC /SC
Section 9. Innovation strategy	Topic 9.1. Innovation strategy	LC /SC
Section 10. Innovation Marketing	Topic 10.1. Innovation marketing	LC /SC
Section 11. Life cycle Innovation	Topic 11.1. The life cycle of innovation	LC /SC
Section 12. From an innovative idea to a business model	Topic 12.1. From an innovative idea to a business model	LC /SC
Section 13. Innovation Project Management	Topic 13.1. Innovative project management	LC /SC
Section 14. Risks of innovation management	Topic 14.1. Risks of innovation management	LC /SC
Section 15. Organizational culture of an innovative company	Topic 15.1. Organizational culture of an innovative company	LC /SC
Section 16. Intellectual Property Management	Topic 16.1. Management intellectual property	LC /SC
Section 17. Commercialization of innovative technologies and promotion of innovative products	Topic 17.1. Commercialization of innovative technologies and promotion of innovative products	LC /SC
Section 18. Assessment of the effectiveness of innovative development	Topic 18.1. Assessment of the effectiveness of innovative development	LC /SC

5. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Type of audience	Equipping the audience	Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)
Lecture hall	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a blackboard (screen) and technical means of multimedia presentations.	The graduate student's individual workplace must be equipped with a personal device with Internet access. A mobile phone is not a device capable of technically
Seminar room	An auditorium for conducting seminar-type classes, group and individual consultations,	

Type of audience	Equipping the audience	Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)
	ongoing monitoring and intermediate certification, equipped with a set of specialized furniture and multimedia presentation equipment.	providing access to all information resources and services for mastering modules. Computer
Computer class	A computer classroom for conducting classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with personal computers (in the amount of ___ pcs.), a blackboard (screen) and multimedia presentation equipment.	classes/classrooms should be equipped with multimedia and computer equipment with Internet access.
For students to work independently	An auditorium for students to work independently (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to EIOS.	

6. METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

Main readings:

1. Alekseev, A. A. Innovation management: textbook and practical course for universities / A. A. Alekseev. – 2nd ed., revised. Moscow: Yurait Publishing House, 2023. – 259 p
2. Barancheev, V. P. Innovation management: a textbook for universities / V. P. Barancheev, N. P. Maslennikova, V. M. Mishin. — 3rd ed., reprint. and add. Moscow: Yurait Publishing House, 2023. 747 p. (Higher education). — URL: <https://urait.ru/bcode/488625>.
3. Vasilevskaya, I. V. Innovation management: a textbook / I. V. Vasilevskaya. – 3rd ed. — Moscow: RIOR, 2023. — 129 p.
4. Innovative economics: a textbook for universities / under the general editorship of E. Y. Sidorova. Moscow: Yurait Publishing House, 2025. 334 p. (Higher education). — ISBN 978-5-534-15480-1. — Text: electronic // Educational platform Yurayt [website]. — URL: <https://urait.ru/bcode/568192> (date of request: 02/21/2025).
5. Matveeva, L. G. Innovation management in the digital economy: textbook / L. G. Matveeva, A. Y. Nikitaeva; Southern Federal University. - Rostov-on-Don; Taganrog: Southern Federal University Publishing House, 2024. - 178 p. - ISBN 978-5-9275-4626-8. - Text: electronic. - URL: <https://znanium.ru/catalog/product/2180502> (date of notification: 02/21/2025). – Access mode: by subscription.
6. Nizhegorodtsev R.M. Economics of innovation: a textbook / Nizhegorodtsev R.M. – 4th ed.- Moscow: Yurait Publishing House- 2023.-153 p.
7. Fundamentals of innovation activity: a textbook for secondary professional education / executive editor S. V. Maltseva. Moscow: Yurait Publishing House, 2025. 517 p. (Professional education). — ISBN 978-5-534-17989-7. — Text : electronic // Yurayt educational platform [website]. — URL: <https://urait.ru/bcode/566728> (date of request: 02/21/2025).
8. Khotyasheva, O. M. Innovative management: textbook and workshop for universities / O. M. Khotyasheva, M. A. Slesarev. – 3rd ed., revised. and additional – Moscow: Yurayt Publishing House, 2023. – 326 p.
9. Chursin A.A. Competitiveness management in ensuring national technological security / A.A.Chursin. Moscow: Ekonomika Publ., 2024. 543 p.
10. Innovative economics: a textbook for universities / E. Y. Sidorova [et al.]; under the general editorship of E. Y. Sidorova. Moscow: Yurait Publishing House, 2023. 334 p. (Higher education). — URL: <https://urait.ru/bcode/507880>

Additional readings:

1. Agarkov, A. P. Innovation management: Textbook for use in the educational process of educational organizations implementing higher education programs in the fields of Management and Innovation (Bachelor's degree) / A. P. Agarkov, R. S. Golov. – 2nd edition. – Moscow: Publishing and Trading Corporation "Dashkov and K", 2020. – 204 p.
2. Bolonin A.I., Ragulina Yu.V. Innovations in the development of the economy and society. Monografiya / Moscow, 2019.
3. Innovation management. Harvard Business Review: 10 best articles. Moscow: Alpi-na Publisher, 2020.
4. Formation of the digital economy in Russia: Challenges, prospects, risks: a monograph / ed. by E. B. Lenchuk. St. Petersburg: Aletya Publ., 2020, 320 p.
5. Glazyev S.Y. A leap into the future. Russia in new technological and world economic structures. Moscow: Knizhny Mir, 2019. 768 p.
6. Gokhberg L. M., Ditkovsky K. A., Evnevich E. I., Kuznetsova I. A., Martynova S. V., Ratai T. V., Fridlyanova S. Yu., Rosovetskaya L. A. Indicators of innovation activity: 2020: statistical collection. Moscow: National Research University "Higher School of Economics", 2020.
7. Lebedeva, S. R. On some aspects of modern innovation management: challenges, tools, methods / S. R. Lebedeva, N. N. Pokutnaya // Innovations in the management of socio-economic systems (RCIMSS-2020) : Proceedings of the national (All-Russian) scientific and practical conference. – Moscow: Rusains Limited Liability Company, 2020. pp. 86-94.
8. Murashova, A. P. Innovative approach in enterprise management / A. P. Murashova // Tribune of the Scientist. – 2020. – No. 11. – pp. 567-577.
9. Jeon S., Kenmuk L. Samsung's path: Change management strategies from a world leader in innovation and design / translated from English by O. Shevel. Moscow: Olymp-Business, 2020. 368 p.
10. Dranaeva A.A., Kokuitseva T.V., Rusinov A.A. Innovation potential as a condition for economic growth in the region: a monograph; edited by Professor, Doctor of Economics A.A. Chursin. Moscow: Spektr, 2012. - 277 p. ISBN 978-5-209-10845-0 – 96 p.
- 11 Spiridonova, E. A. Innovation management: textbook and workshop for universities / E. A. Spiridonova. Moscow: Yurait Publishing House, 2022. 298 p. (Higher education). — URL: <https://urait.ru/bcode/494062>.

Internet sources:

ELS RUDN University and third party EBS, to which university students have access based signed contracts:

- RUDN Electronic Library System - EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
- EBS "University Library Online" <http://www.biblioclub.ru>
- EBS - "Yurait Educational Platform" <http://www.biblio-online.ru>
- EBS "Student Consultant" www.studentlibrary.ru, integrated into the EBS of the RUDN

Databases and search engines:

* information about universal and specialized information bases for selection and inclusion in the program must be taken from the UNIBC (NB) website, link to the section <https://lib.rudn.ru/8>

- <https://rosstat.gov.ru/> - Portal of the Federal State Statistics Service
- <https://www.e-disclosure.ru/> - portal of the Center for Corporate Information Disclosure of Interfax
- SCOPUS is a scientometric, abstract database with organized access to open access publications <http://www.elsevierscience.ru/products/scopus/>
- WOS is a scientometric, abstract database with organized access to open access publications webofscience.com
- Google Academy (English Google Scholar) - <https://scholar.google.ru/>
- NEB, RSCI on the platform eLibrary.ru - <https://elibrary.ru/>

- The RUDN Repository - <https://repository.rudn.ru/>

3. Search engines:

- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- the Yandex search engine <https://www.yandex.ru/>

- Google search engine <https://www.google.ru/>
Educational and methodological materials for students' self-work studying the discipline / module:

A course of lectures on the discipline «Economics of Innovation».

7. ASSESSMENT TOOLKIT AND GRADING SYSTEM FOR MIDTERM ATTESTATION OF STUDENTS IN THE DISCIPLINE (MODULE)

Assessment toolkit and a grading system to evaluate the level of competences (competences in part) formation as the course results are specified on the TUIS platform.

DEVELOPERS:

Candidate of Physico-mathematical

Sciences, Associate Professor


of the ISVE Department

 A. S. Semenov

HEAD OF THE PROGRAM:

Doctor of Economics, Professor,

Head of the ISVE Department

 A. I. Kashirin