

**Federal State Autonomous Educational Institution of High Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University**

High School of Management

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

Department of Innovation Management and Foreign Economic Activity

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

COURSE SYLLABUS

Economics of Innovation (Advanced)

(name of discipline/module)

Scientific specialty:

5.2.3 Regional and sectoral economics

(scientific speciality code and title)

The course instruction is implemented within the PhD programmes:

Economics of innovation

(PhD program title)

1. DISCIPLINE (MODULE) GOAL

The objective of mastering the discipline "Economics of Innovation" is to prepare for the candidate's examinations, as well as the development of competencies:

(AC - academic competencies, RC - research competencies).

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the discipline "Economics of Innovation" is aimed at preparing for the candidate's examinations, as well as mastering the following competencies:

AK - academic competencies:

RC - research competencies:

3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

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

Types of activities		Total ac.h.	Course			
			1	2	3	4
1.	Contact work, ac.h	60	60			
	Including:					
1.1.	Lesson (LS)	30	30			
1.2.	Laboratory work (LW)					
1.3.	Practical / seminar sessions (SS)	30	30			
2.	Individual work	48	48			
	Including:					
2.1.	Individual work of students, ac.h.					
2.2.	Coursework (test with assessment),ac.h.					
	<i>Other types of individual work</i>					
3.	Total labor intensity (academic hours)	108	108			
	<i>Total labor intensity (CU)</i>	3	3			

4. DISCIPLINE CONTENTS

Name of the discipline section	Contents of the section (topic)	Type of study work
Section 1. Introduction to the course "Economics of Innovation"	Theme 1.1. Introduction to the Economics of Innovation course	LS
Section 2. Theoretical Foundations of the Economics of Innovation	Theme 2.1. Theoretical Foundations of the Economics of Innovation	LS
Section 3. Trends in innovative development in the world	Theme 3.1. Trends in innovative development in the world	LS, C3

Section 4. Russian experience of innovative development	Theme 4.1. Russian experience of innovative development	LS, C3
Section 5. National innovation systems	Theme 5.1. National innovation systems	LS, C3
Section 6. The best world practices of innovative development	Theme 6.1. The best world practices of innovative development	LS, C3
Section 7. Tools and mechanisms for innovation management	Theme 7.1. Tools and mechanisms for innovation management	LS, C3
Section 8. Innovative potential of the organization	Theme 8.1. Innovative potential of the organization	LS, C3
Section 9. Innovation strategy	Theme 9.1. Innovation strategy	LS, C3
Section 10. Innovation Marketing	Theme 10.1. Innovation Marketing	LS, C3
Section 11. Life cycle of innovation	Theme 11.1. Life cycle of innovation	LS, C3
Section 12. From innovative idea to business model	Theme 12.1. From innovative idea to business model	LS, C3
Section 13. Innovation project management	Theme 13.1. Innovation project management	LS, C3
Section 14. Innovation management risks	Theme 14.1. Innovation management risks	LS, C3
Section 15. Organizational culture of an innovative company	Theme 15.1. Organizational culture of an innovative company	LS, C3
Section 16. Intellectual Property Management	Theme 16.1. Intellectual Property Management	LS, C3
Section 17. Commercialization of innovative technologies and promotion of innovative products	Theme 17.1. Commercialization of innovative technologies and promotion of innovative products	LS, C3
Section 18. Evaluation of the effectiveness of innovative development	Theme 18.1. Evaluation of the effectiveness of innovative development	LS, C3

5. EQUIPMENT REQUIREMENTS AND TECHNOLOGY SUPPORT

- Electronic teaching materials used in the educational process, multimedia presentations, a bank of test items, etc. are presented in TUIS.
- The following equipment is used to conduct classes:
 - classroom board - 1 p.;
 - multimedia projector - 1 p.;
 - screen - 1 p.;
 - personal computers (laptops, tablets) for practical training;
 - Microsoft Teams and TUIS for conducting classes using distance learning technologies.

6. METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

a) Microsoft Office software, Mentor

b) databases, reference and search systems

1. <http://lib.rudn.ru/> - site of the RUDN University library

Sections:

a) electronic catalog - a database of books and periodicals in the collection of the RUDN University library.

b) electronic resources - including Licensed resources of UNIBC (NB):

University Library ONLINE, LexisNexis, SPRINGER, RUDN Bulletin, Columbia International Affairs Online (CIAO), East View, eLibrary.ru, Grebennikon, Library PressDisplay, Polpred.com, SwetsWise, Swets Wise online content, University of Chicago Press Journals, Alpina Publishers Books, BIBLIOPHIKA, Electronic Library of Dissertation of the RSL

Main literature

1. Gokhberg L.M., Ilyenkova N.D., Kuznetsov V.I., Masyakin B.V., Pudich V.S., Yagudin S.Yu., Popov N.D., Tikhomirova N.P. Innovative management // Textbook for university students studying in the specialty "Management", specialties of economics and management (080100) / Edited by SD Ilyenkova. Moscow, 2007. (3rd edition, revised and expanded)

2. Innovation management / ed. V. Ya. Gorfinkelya and others. M.: Vuzovsky textbook, 2019.

3. Innovation management. Harvard Business Review: Top 10 Articles. Moscow: Alpina Publisher, 2020.

4. N. A. Kravchenko, S. A. Kuznetsova, V. D. Markova, E. A. Solomennikova, V. V. Titov, T. P. Cheremisina, A. T. Yusupova, and N. P. Baldina, Khalimova S.R. Innovations and competitiveness of enterprises // edited by V.V. Titov; Institute of Economics and Organization of Industrial Production of the Siberian Branch of the Russian Academy of Sciences. Novosibirsk, 2010.

5. Formation of the digital economy in Russia: challenges, prospects, risks: monograph / ed. E. B. Lenchuk. - St. Petersburg: Aletheya, 2020. - 320 p.

6. Formation of the digital economy in Russia: challenges, prospects, risks: monograph / ed. E. B. Lenchuk. - St. Petersburg: Aletheya, 2020. - 320 p.

Additional literature

1. Bolonin A.I., Ragulina Yu.V. Innovations in the development of the economy and society. Monograph / Moscow, 2019.

2. Glazyev S.Yu. Leap into the future. Russia in the new technological and world economic structures. M.: Knizhny Mir, 2019. - 768 p.

3. 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 innovation activity: 2020: statistical compendium. M.: National Research University "Higher School of Economics", 2020.

4. Jeyeon S., Kyungmuk L. The Samsung Way: Change Management Strategies from the World Leader in Innovation and Design / transl. from English. O. Shevel. M.: Olimp-Business, 2020. - 368 p.

5. Dranaeva A.A., Kokuytseva T.V., Rusinov A.A. Innovative potential as a condition for the economic growth of the region: monograph; ed. prof., d.e.s. A.A. Chursin. – M.: Spektr, 2012. – 277 p.

6. Efremov V.S. Strategic management in the context of innovative development // Management in Russia and abroad. 2014. S. 13.

7. Kokuytseva T.V. Innovation management (textbook) Moscow: RUDN University, 2021. ISBN 978-5-209-10661-6 - 87 p.

8. Kokuytseva T.V. Ensuring a balanced development of innovative and investment activities of economic systems (textbook) Moscow: RUDN University, 2021. ISBN 978-5-209-10845-0 - 96 p.

9. Modernization of Russia: conditions, prerequisites, chances. Collection of articles and materials. Issue 1 / Ed. V.L. Inozemtseva. — Moscow, Center for Post-Industrial Society Studies, 2009.

10. Prosvirkina E.Yu., Prosvirkin N.Yu., Subbocheva A.A. Management of innovation motivation of companies in Russia: a guide for top managers. M.: Biblio-globus, 2017.

10. Analysis of Management Strategies for the Aircraft Production Ramp-up. — URL: <https://www.anylogic.com/resources/case-studies/analysis-of-management-strategies-for-the-aircraft-production-ramp-up/>
11. Andersen, T.J. Making Risk Management Strategic: Integrating Enterprise Risk Management with Strategic Planning / T.J. Andersen // European Management Review. — 2019. — Vol. 16. — Issue 3. — P. 719–740.
12. AS/NZS Risk Management Standart 4360:1999. — URL: <http://www.riskmanagement.com.ua>
13. Barton, T. Improving Board Risk Oversight / T. Barton, W. Shenkir, P. Walker. Through Best Practices. — Institute of Internal Auditors Research Foundation, 2011. — 81 p.
14. Brown, B. Enterprise risk management. 2008 / B. Brown. — URL: www.resourcesusa.com
15. BS 31100:2011 Risk Management: Code of practice and guidance for the implementation of BS ISO 31000 OCEGRedBook. — URL: <http://www.oceg.org/category/resources/standards/>
16. Chiappori, P.A. Testing for Asymmetric Information in Insurance Markets / P.A. Chiappori, B. Salanié // The Journal of Political Economy. — 2000. — Vol. 108. — No. 1. (Feb.). — P. 56–78.
17. Corporate risk management. Edited by Donald H. Chew. — Columbia University Press. Kindle Edition, 2012.
18. COSO Enterprise Risk Management — Integrated Framework. 2004. COSO.
19. Dubrovsky, V.Zh. Changes in the product portfolio of defence contractors: global experience and opportunities for Russia / V.Zh. Dubrovsky, Ye.M. Ivanova // Journal of new economy. — 2018. — No. 19 (2). — P. 75–87.
20. Fayol, H. Administration industrielle et générale / H. Fayol. — Dunod et Pinat, 1917. — 174 p.

Scientific journals

1. Bulletin of the Peoples' Friendship University of Russia. Series: Economics. Access mode: <http://journals.rudn.ru/economics>
2. Bulletin of St. Petersburg University. Management. Access mode: <http://www.vestnikmanagement.spbu.ru>
3. Bulletin of St. Petersburg University. Economy. Access mode: <http://economicsjournal.spbu.ru>
4. Issues of an innovative economy. Access mode: <http://vinec.creativeeconomy.ru>
5. Economic issues. Access mode: <http://www.vopreco.ru>
6. Innovation. Access mode: <http://www.maginnov.ru>
7. Innovation in management. Access mode: <http://innmanagement.ru/>
8. WORLD (Modernization. Innovation. Development). Access mode: <http://www.mir-nayka.com>
9. Foresight. Access mode: <http://foresight-journal.hse.ru>
10. Economy of the region. Access mode: <http://economyofregion.ru>

Internet sources:

1. <https://cyberleninka.ru/>
2. <https://scholar.google.ru/>
3. <https://webofknowledge.com/>
4. <https://www.researchgate.net/>
5. <https://www.sciencedirect.com/>
6. <https://www.scopus.com/>

Regulations legal acts:

1. National program "Digital Economy of the Russian Federation" (approved by the minutes of the meeting of the Presidium of the Council under the President of the Russian Federation for Strategic Development and National Projects No. 7 dated June 4, 2019). Access mode: <https://digital.gov.ru/ru/activity/directions/858/>
2. The main directions of the Government's activities for the period up to 2024, approved by the Government of the Russian Federation on September 29, 2018 No. 8028p-P13.
3. Decree of the Government of the Russian Federation of October 28, 2020 N 1750 "On approval

of the list of technologies used in the framework of experimental legal regimes in the field of digital innovations."Стратегия инновационного развития Российской Федерации, утвержденная распоряжением Правительства Российской Федерации от 8 декабря 2011 г. № 2227-р

4. The strategy of scientific and technological development of the Russian Federation, approved by the Decree of the President of the Russian Federation of December 1, 2016 No. 642,
5. Decree of the President of the Russian Federation of May 7, 2018 No. 204 "On national goals and strategic objectives of the development of the Russian Federation for the period up to 2024"
6. Federal Law of August 23, 1996 N 127-FZ "On Science and State Scientific and Technical Policy"
7. Federal Law of July 29, 2017 N 216-FZ "On Innovative Scientific and Technological Centers and on Amendments to Certain Legislative Acts of the Russian Federation" (with amendments and additions)
8. Federal Law of July 31, 2020 N 258-FZ "On Experimental Legal Regimes in the Field of Digital Innovation in the Russian Federation".
9. Federal Law of July 31, 2020 N 309-FZ "On Amendments to the Federal Law" On Science and State Scientific and Technical Policy ".

7. ASSESSMENT TOOLKIT AND GRADING SYSTEM FOR EVALUATION OF PHD STUDENTS' COMPETENCES LEVEL AS COURSE RESULTS

Assessment toolkit and a grading system to evaluate the level of competences (competences in part) formation as the course results are specified in the Appendix to the course syllabus. Materials for assessing the level of mastering the educational material of the discipline "Management of Economic Systems" (assessment materials), including a list of competencies indicating the stages of their formation, description of indicators and criteria for assessing competencies at various stages of their formation, description of assessment scales, standard control tasks or other materials necessary for assessing knowledge, skills, skills and (or) experience of activity, characterizing the stages of the formation of competencies in the process of mastering the educational program, methodological materials that determine the procedures for assessing knowledge, skills, skills and (or) experience of activities that characterize the stages of formation of competencies, developed in full and available for students on the discipline page at TUIS RUDN named after Patrice Lumumba.

The program has been drawn up in accordance with the requirements of the OS VO RUDN named after Patrice Lumumba.

DEVELOPERS:

Associate Professor of the Department
of Innovation Management and
Foreign Economic Activity,
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Semenov A.S.

(signature)

HEAD OF THE DEPARTMENT

Head of the department of innovation
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