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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

(educational division (faculty/institute/academy) as programme developer)

Department Innovative management and foreign economic activity

(department realizing the PhD program)

INTERNSHIP SYLLABUS

Pedagogical Training

(internship type)

Scientific specialty:

5.2.3. Regional and sectoral economy

(scientific speciality code and title)

The PhD student's internship is implemented within the PhD programmes:

Economics of Innovation

(PhD program title)

1. INTERNSHIP GOALS

The aim of the Internship is to develop professional competencies through direct participation in pedagogical work, as well as the acquisition of professional competencies necessary to work in the professional sphere.

2. REQUIREMENTS FOR LEARNING OUTCOMES

As a result of the internship, the graduate student must:

Know: basic methods of teaching economic disciplines; rules of academic ethics.

Be able to: organize the educational process; draw up programs of academic disciplines; develop lecture material and assignments for seminars.

Own (gain experience): development of teaching materials; assisting their supervisor or colleagues of the department to which the postgraduate student is attached in conducting lectures or seminars, as well as current, intermediate, final control activities for undergraduate and graduate students, developing and conducting independent special courses.

3. INTERNSHIP WORKLOAD

The overall workload of the internship is 5 credits (180 academic hours).

4. INTERNSHIP CONTENTS

Stages of internship	Content of the units (topics)	Workload, acad. hours
Section 1. Preparatory stage	Attending lectures and seminars of scientific supervisor of a graduate student or teaching staff from department to which it is attached graduate student, participation in events current, intermediate and final control, preparation of methodological materials, presentations, cases for lectures and/or seminars on disciplines departments. Visiting PhD defenses of graduate students, attached to the supervisor graduate student or teaching staff of the department. Preparing a practice report.	40
Section 2. Main stage	Conducting lectures and seminars on disciplines of the department, development and conducting own special courses, master classes, under the guidance of scientific head of the postgraduate student or teaching staff of the department, participation in current events intermediate and final control, preparation of methodological materials for lectures and/or seminars. Preparing a practice report	126
Preparation of a practice report		7
Preparation for defense and defense of the practice report		7
TOTAL:		180

* - the content of practice by sections and types of practical training is FULLY reflected in the student's report on practice.

5. INTERNSHIP EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

The place of internship shall comply with the current sanitary and epidemiological requirements, fire safety regulations and standards of health protection of the students.

It requires classrooms that meet the safety requirements for academic work, if necessary, a computer room with workstations that provide Internet connection, as well as classrooms with multimedia equipment.

Audience type	Audience equipment	Specialized educational / laboratory equipment, software and materials for mastering the discipline (if necessary)
Lecture	Auditorium 101 for conducting lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means of multimedia presentations	Asus F6A laptop, Casio XJ-S400UN multimedia projector, Casio XJ-V100W multimedia projector, GEHA 244*244 projection screen, Draper 203*1 electric cable screen, Defender Mercury 35 Mkl speaker system, Philip TV
Seminar	Auditorium 103 for conducting seminar-type classes, group and individual consultations, current control and intermediate certification, equipped with a set of specialized furniture and technical means for multimedia presentations.	Notebook Asus F6A, Multimedia projector Casio XJ-S400UN, Motorized screen Digis Electra MW DSEM - 1105
computer class	Computer class 19 for conducting classes, group and individual consultations, current control and intermediate certification, equipped with personal computers (in the amount of 21), a board (screen) and technical means of multimedia presentations.	Monoblock Lenovo Intel I5 10160T/8 GB/256 GB/audio, monitor 24", Multimedia projector Casio XJ-V100W, Motorized screen Digis Electra 200*150 Dsem-4303
For independent work of students	Auditorium 29 for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to EIOS.	Monoblock Lenovo AIO-510-22ISH Intel I5 2200 MHz/8 GB/1000 GB/DVD/audio, monitor 21", Multimedia projector Casio XJ-V100W, Motorized screen Digis Electra 200*150 Dsem-4303
computer class	Computer class 19 for conducting classes, group and individual consultations, current control and intermediate certification, equipped with personal computers (in the amount of 21), a board (screen) and technical means of multimedia presentations.	Monoblock Lenovo Intel I5 10160T/8 GB/256 GB/audio, monitor 24", Multimedia projector Casio XJ-V100W, Motorized screen Digis Electra 200*150 Dsem-4303

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6. INTERNSHIP LOCATION AND TIMELINE

Internship can be carried out both in structural subdivisions of RUDN University or in organizations of Moscow (stationary), and at bases located outside of Moscow (exit).

Conducting internship on the basis of an external organization (outside RUDN University) is carried out on the basis of an appropriate agreement, which specifies the terms, place and conditions for performing scientific research in the base organization.

The deadlines for the internship implementation correspond to the period indicated in the calendar academic schedule of the postgraduate program. Internship dates can be adjusted in coordination with the Department of Doctoral Studies of the RUDN University.

7. RESOURCES RECOMMENDED FOR INTERNSHIP

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. Baranchev, V. P. Innovation management: a textbook for universities / V. P. Baranchev, 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. Khotyashева, O. M. Innovative management: textbook and workshop for universities / O. M. Khotyashева, 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. Kokuitseva T.V. Innovation management (textbook) Moscow: RUDN University, 2021. ISBN 978-5-209-10661-6 – 87 p.
11. Theoretical innovation: textbook and workshop for universities / I. A. Brusakova [et al.]; edited by I. A. Brusakova. Moscow: Yurait Publishing House, 2024. 333 p.
12. Innovative economics: a textbook for universities / E. Y. Sidorova [et al.]; under the general editorship of E. Y. Sidorova. Moscow: Yurait Publishing House, 2022. 334 p. (Higher education). — URL: <https://urait.ru/bcode/507880>
13. Innovation policy: a textbook for universities / K. N. Nazin [et al.] edited by K. N. Nazin, D. I. Kokurin, S. I. Agabekov. Moscow: Yurait Publishing House, 2024. 232 p. (Higher education). — URL: <https://urait.ru/bcode/495044>
14. Economics of innovation: an educational and methodological guide for bachelors / Edited by N.P. Ivashchenko, Moscow: Faculty of Economics, Lomonosov Moscow State University, 2024, 194 p.

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: Aleteya Publ., 2022, 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., Evneyich 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, 2022. 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. 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 Resources:

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

- RUDN Electronic Library System, <http://lib.rudn.ru/MegaPro/Web> ;
- ELS University Library Online, <http://www.biblioclub.ru> ;
- EBS Urayt, <http://www.biblio-online.ru> ;
- ELS Student Consultant, <http://www.studentlibrary.ru> ;
- EBS Lan, <http://e.lanbook.com> ;
- EBS Trinity Bridge <http://www.trmost.ru>

Databases and search engines:

- Electronic fund of legal and normative-technical documentation, <http://docs.cntd.ru> ;
- Yandex search system [https:// www .yandex.ru](https://www.yandex.ru) ;
- Google search system <https://www.google.com> ;
- Reference database Scopus , <http://www.elsevier.com/locate/scopus>

1. RUDN ELS and third-party ELS, to which university students have access on the basis of concluded agreements:

- RUDN Electronic Library System - RUDN EBS <http://lib.rudn.ru/MegaPro/Web>
- ELS "University Library Online" <http://www.biblioclub.ru>
- EBS Yurayt <http://www.biblio-online.ru>


Educational and methodological materials for students' self-work studying the internship:
Instructions for labor protection and fire safety during practical training (initial instruction).
Guidelines for students to fill out a diary and prepare a report on internship.

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

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 Department
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 A. S. Semenov

PROGRAM MANAGER:

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 A.I. Kashirin