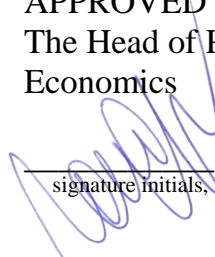


Ministry of Science and Higher Education of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"SIBERIAN FEDERAL UNIVERSITY"

APPROVED by  
The Head of Postgraduate School in  
Economics

 E.V. Zander  
signature initials, last name

**Internship program**

Pedagogical internship

Group of scientific specialties

**5.2 Economics**

Scientific specialty

**5.2.3 Regional and Sectoral economics (Environmental Economics)**

Krasnoyarsk 2024

## **1. Type of internship , methods and forms of its implementation**

This section is filled in accordance with Federal state requirements.

1.1 Types of internship - pedagogical.

1.2 Methods of conducting (if any) - stationary.

1.3 Forms of conducting - discretely.

Postgraduate students undergo pedagogical internship at the departments of the Siberian Federal University, which have the necessary human and scientific and technical potential in accordance with the area of training. The internship is carried out in accordance with an individual program compiled by a graduate student together with a supervisor.

Forms of internship for the disabled and persons with disabilities can be established taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

## **2. List of planned learning outcomes during internship, correlated with the planned results of mastering the postgraduate program**

Pedagogical internship is an obligatory section of the postgraduate educational program. This is a special type of training session focused on the professional and practical training of graduate students.

### **The goals of pedagogical internship are:**

- development of professional and pedagogical abilities;
- mastering the basics of pedagogical skills, the skills and abilities of independent conduct of educational and teaching work;
- acquiring the skills of a teacher-researcher who owns modern scientific tools for searching and interpreting information material in order to use it in pedagogical activities.

### **The tasks of pedagogical internship are:**

- the formation of a holistic view of pedagogical activity in a higher educational institution, in particular, the content of educational, educational-methodical and scientific-methodical work, forms of content and organization of the educational process, methods of teaching disciplines, the use of progressive educational technologies in the process of teaching students ;
- mastering the methods of teaching disciplines in a higher educational institution, as well as the practical skills and abilities of structuring and psychologically competent transformation of scientific knowledge into educational material, setting and systematizing educational and educational goals and objectives, oral and written presentation of subject material, conducting certain types of training sessions, implementing control of students' knowledge, preparation of educational and methodological materials on the disciplines of the curriculum;
- development of analytical and reflective activities of novice teachers;
- formation of skills for preparing and conducting training sessions with students using information technology;

- studying the methods of teaching, preparing and conducting lectures and seminars with students and consolidating theoretical knowledge in this area in internship ;
- formation of skills to guide the research work of students;
- realization of the possibility of combining pedagogical activity with research work, which contributes to an in-depth understanding by graduate students of the problems and content of the specialty being studied.

For the period of internship , graduate students:

- become members of the teaching staff of an educational organization and take part in all areas of its activities;
- are included in the educational and methodological process in order to implement pedagogical models, methods, technologies and teaching methods in internship in higher education organizations;
- cooperate with the teaching staff of an educational institution (study the organization of the educational process, the experience of highly qualified teachers, etc.).

### 3. Scope of internship, duration, content

Scope of internship: 3 credits

Duration: 2/108 weeks/acad. hours

Pedagogical internship takes place in the 4th semester 2 courses

No · p / n	Sections (stages) of internship	Types of educational work, in internship , including independent work of graduate students	Amount of work (in hours)	Forms of control
1.	Preparatory stage	Drawing up an internship	2	internship plan certified by the head of internship
2.		Study regulatory framework: Federal state educational standards of higher education. Curricula for training specialists, bachelors.	6	Report on the work with documents
3.	Main stage	Documentation of the educational process at the department, its analysis and principles of development	2	Development of a fragment of the curriculum (including ongoing classes)
4.		Material and technical equipment of the educational process. Planning the educational process in accordance with the material and technical base	2	Analysis of the material and technical equipment of the educational process of the department
5.		Experience in organizing training sessions in educational institutions of higher education	8	Protocols for visiting 4 classes by experienced teachers

6.		Characteristics of the use of IT technologies in the educational process	8	Analysis of the use of IT in 46
7.		planning, development and conduct of lectures, practical, seminars and laboratory classes	Methods	and abstracts of lectures, practical, seminars and laboratory-practical classes at least 10 classroom hours
8.		Participation in the verification of term papers / reports on the internships of SibFU students on the instructions of the supervisor	4	Presence as a member of the commission on the defense of the course work / internship report, giving comments, comments and recommendations on the student's course work / report
9.		Observation and analysis of classes as a method of monitoring the quality of the educational process and the effectiveness of individual teaching methods	4	2 classes based on the results of mutual attendance of graduate students' classes
10.		Information technologies for the activation and intensification of students' activities	10	Development of recommendations on information technologies for one lesson
11.		Methods of preparing and conducting educational activities	10	Methodological development of educational activities and a report on its implementation
12.	Final stage	Preparation report on teaching internship	6	Report, defense of the report
		Total	108	Differentiated credit

#### 4. Forms of reporting on internship

Final assessment based on the results of pedagogical internship is carried out by the supervisor based on the results of the evaluation of all reporting forms.

To receive a positive assessment, a graduate student must fully master the entire content of the internship, timely draw up current and final documentation and submit a written report to the supervisor.

Forms of reporting on pedagogical internship:

- an individual plan for the internship, approved by the supervisor of the postgraduate student and the head of the internship ;
- written internship report.

The written report on the internship consists of two parts:

The first part is the practical part, which is an analytical note of 15–20 pages.

1. Characteristics of the material and technical base of the department.
2. Characteristics of the methodological support of the educational process.
3. Characteristics of educational process planning documents.
4. Pedagogical analysis of 4 lessons.
5. Methods and abstracts of lectures, practical, seminars and laboratory classes (at least 10 classroom hours).
6. Analysis of the use of IT in the educational process. Development of recommendations on the use of information technology for one lesson.

The second part is a set of educational and methodological support for an economic discipline developed by a graduate student on one of the topics (lecture text, methodological instructions for practical exercises, methodological instructions for independent work) or a set of components of the same type for a number of topics of this discipline. The specific content of the educational and methodological development is determined by the head of internship. The scope of this part is not regulated.

The design of the report includes a title page, content, the above parts of the report with sequential continuous page numbering.

## **5. The list of educational literature and Internet resources necessary for the internship**

### *Basic literature*

1. Educational technologies in higher education. Access mode: <https://e.sfu-kras.ru/course/view.php?id=7631>
2. [Zhukov, G.N.](#) General and professional pedagogy: Textbook / G.N. Zhukov, P.G. Sailors. – M.: Alfa-M: NITs INFRA-M, 2013. – 448 p.: ill.; 60x90 1/16. - (PROFILE). (hardback) ISBN 978-5-98281-342-8. Book from EBS ZNANIUM.COM (Research Center "Infra-M").
3. Kravchenko, A.I. Psychology and Pedagogy: Textbook / A.I. Kravchenko. - M.: INFRA-M, 2013. - 400 p.: 60x90 1/16. - (Higher education). (hardback) ISBN 978-5-16-003038-8 Book from EBS ZNANIUM.COM (Research Center "Infra-M").
4. Kudryasheva, L.A. Pedagogy and psychology / Kudryasheva L.A. - M.: Vuzovsky textbook, NIC INFRA-M, 2015. - 160 p.: 84x108 1/32. - (Short Course)

(Cover) ISBN 978-5-9558-0444-6. [Book from EBS ZNANIUM.COM \(Research Center "Infra-M"\)](#).

5. [Pastyuk, O.V.](#) Psychology and Pedagogy: Textbook / O.V. Pastyuk. - M.: NITs INFRA-M, 2013. - 160 p.: 60x90 1/16 + (Additional mat. znanium.com). – (Higher education: Bachelor's degree). (hardback) ISBN 978-5-16-006300-3. [Book from EBS ZNANIUM.COM \(Research Center "Infra-M"\)](#).

6. [Simonov, V.P.](#) Pedagogy and psychology of higher education. Innovative course for the preparation of masters: Textbook / V.P. Simonov. - M.: Higher education textbook: NITs INFRA-M, 2015. - 320 p.: 60x90 1/16 + (Additional mat. znanium.com). (p) ISBN 978-5-9558-0336-4. [Book from EBS ZNANIUM.COM \(Research Center "Infra-M"\)](#).

#### *Additional literature*

1. Borytko, N. M. Pedagogy [Text]: textbook. manual for university students / N. M. Borytko, I. A. Solovtsova, A. M. Baibakov. - Moscow: Academy, 2007. - 492 p. - (Higher professional education). - 4000 copies. - ISBN 978-5-7695-3308-2 (in translation). (13 copies)

2. Gagarin, A. V. Psychology and pedagogy of higher education [Text]: a course of lectures, teaching materials and recommendations, workbooks / A. V. Gagarin. - Moscow: ID MPEI, 2010. - 239 p. - Bibliography. at the end of sect. - ISBN 978-5-383-00540-8 (in translation). (10 copies)

3. Pedagogy. Theories, systems, technologies [Text]: textbook for higher and secondary educational institutions / I. B. Kotova, E. N. Shiyanov, S. A. Smirnov; ed. S. A. SMIRNOV - 8th ed., erased. - Moscow: [b. and.], 2008. - 510 p. - (Higher professional education. Pedagogical specialties). - Lists of lit. at the end of ch. - ISBN 978-5-7695-5155-0. (15 copies)

4. Podlasy, I.P. Pedagogy [Text]: textbook / I.P. Podlasy. - Moscow: Higher education, 2008. - 540 p.: ill. - (Fundamentals of Sciences). - ISBN 978-5-9692023-7-5. (40 copies)

5. Smirnov, S. D. Pedagogy and psychology of higher education: from activity to personality [Text]: textbook [for universities] in the direction and specialties of psychology / S. D. Smirnov. - 3rd ed., erased. - Moscow: Academy, 2007. - 394 p. - (Higher professional education. Psychology). - Bibliography: p. 364-377; Item decree: p. 378-385; Decree. names: s. 386-390. - ISBN 978-5-7695-4139-1 (in translation). (4 copies)

6. Smirnov, S. D. Pedagogy and psychology of higher education: from activity to personality [Text]: textbook / S. D. Smirnov. - 2nd ed., stereotype. -

Moscow: Academy, 2007. - 394 p. - (Higher professional education. Psychology). - Bibliography: p. 364-377. - ISBN 978-5-7695-4139-1 (in translation). (9 copies)

***Databases, search engines, libraries and catalogs of literature***

1. State Archives of the Krasnoyarsk Territory (GAKK):  
<http://Krasnoyarsk-arkhivy.rf>;
2. East View (EastView): <http://www.ebiblioteka.ru>;
3. Scientific electronic library (eLIBRARY.RU): <http://elibrary.ru>;
4. Presidential Library B.N. Yeltsin: <http://www.prlib.ru>;
5. University Information System RUSSIA (UIS RUSSIA):  
<http://uisrussia.msu.ru>;
6. Electronic library of dissertations of the RSL: <http://dvs.rsl.ru> (access to the full text);
7. Electronic library of the Grebennikov publishing house:  
<http://grebennikon.ru>;
8. Electronic library of the Russian State University of Oil and Gas. THEM. Gubkin: <http://elib.gubkin.ru>;
9. Electronic library system "INFRA-M": <http://www.znaniyum.com>;
10. Electronic library system "Lan": <http://e.lanbook.com>;
11. Electronic library system "National digital resource" Rukont "":  
<http://rucont.ru>;
12. Prospekt Electronic Library System: <http://ebs.prospekt.org>;
13. Electronic library system "Electronic library of a technical university":  
<http://www.studentlibrary.ru>;
14. Electronic library system "ibooks.ru": <http://ibooks.ru>;
15. Elsevier: (<https://www.elsevier.com/>);
16. POLPRED.COM Media overview: <http://www.polpred.com>;
17. Cambridge University Press: <http://www.journals.cambridge.org>;
18. DOAJ <http://www.doaj.org>;
19. EBSCO Publishing: <http://search.ebscohost.com>;
20. Henry Stewart Talks: [www.hstalks.com](http://www.hstalks.com);
21. IEEE/IEL Database: <http://ieeexplore.ieee.org>;
22. Oxford Russia Fund eContent library: <http://lib.myilibrary.com>;
23. ProQuest: <http://search.proquest.com/>;
24. Sage <http://online.sagepub.com>;
25. Scopus <http://www.scopus.com>;
26. Springer <http://www.springerlink.com>;
27. Web of Science: <http://isiknowledge.com>.

## *Journals*

1. Bulletin of international organizations: education, science, new economy (<http://iorj.hse.ru/>);
2. Bulletin of the Moscow University. Series: Economics ([www.econ.msu.ru/science/economics/](http://www.econ.msu.ru/science/economics/));
3. Issues of State and Municipal Administration (<http://vgmu.hse.ru/>);
4. Educational issues (<http://vo.hse.ru/>);
5. Issues of economic regulation (<http://hjournal.ru/journals/journal-of-economic-regulation>);
6. Economic Issues ([www.vopreco.ru/](http://www.vopreco.ru/));
7. Issues of Economics and Law (<http://law-journal.ru/>);
8. Money and credit ([www.cbr.ru/publ/?Prtid=moneyandcredit\\_sub](http://www.cbr.ru/publ/?Prtid=moneyandcredit_sub));
9. Journal of Institutional Studies (<http://hjournal.ru/journals/journal-of-institutional-studies>);
10. Journal of Social Policy Research (<http://jsps.hse.ru/>);
11. Journal of the New Economic Association (<http://journal.econorus.org/>);
12. Journal of Economic Theory ([www.uiec.ru/zhurnal\\_yekonomicheskoi\\_teori/](http://www.uiec.ru/zhurnal_yekonomicheskoi_teori/));
13. Corporate Finance (<http://cfjournal.hse.ru/>);
14. World of Russia (<http://mirros.hse.ru/>);
15. World Economy and International Relations (<https://www.imemo.ru/jour/meimo>);
16. National interests: priorities and security ([www.fin-izdat.ru/journal/national/](http://www.fin-izdat.ru/journal/national/));
17. Social Sciences and Modernity (<http://ons2000.chat.ru/>);
18. Forecasting problems (<https://ecfor.ru/?from=logobtn>);
19. Problems of the modern economy (<http://m-economy.ru/>);
20. Region: economics and sociology (<http://region.socionet.ru/>);
21. Russian Foreign Economic Bulletin ([www.vavt.ru/journal/site/journal](http://www.vavt.ru/journal/site/journal));
22. Russian Journal of Management ([www.rjm.ru/](http://www.rjm.ru/));
23. Russian Economic Journal ([www.re-j.ru/](http://www.re-j.ru/));
24. Finance ([www.finance-journal.ru/](http://www.finance-journal.ru/));
25. Finance and credit ([www.fin-izdat.ru/journal/fc/](http://www.fin-izdat.ru/journal/fc/));
26. ECO ([www.ecotrends.ru/](http://www.ecotrends.ru/));
27. Economics and Mathematical Methods ([www.cemi.rssi.ru/emm/](http://www.cemi.rssi.ru/emm/));
28. Economics of the region ([www.uiec.ru/zhurnal\\_yekonomika\\_regiona/](http://www.uiec.ru/zhurnal_yekonomika_regiona/));
29. Economist ([www.economist.com.ru/index.htm](http://www.economist.com.ru/index.htm));
30. Economic policy ([ecpolicy.ru/](http://ecpolicy.ru/));
31. Economic Science of Modern Russia (<http://www.cemi.rssi.ru/ecr/>);



32. Economic Sociology (<http://ecsoc.hse.ru/>);
33. Economic Journal of the Higher School of Economics (<http://ej.hse.ru/>);
34. Expert (<http://expert.ru/>);
35. American Economic Journal: Applied Economics  
([www.aeaweb.org/aej/app/index.php](http://www.aeaweb.org/aej/app/index.php));
36. American Economic Review ([www.aeaweb.org/aer/index.php](http://www.aeaweb.org/aer/index.php));
37. Economic Policy, CEPR & CES & MSH  
([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1468-0327](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1468-0327));
38. Economic Studies Program, The Brookings Institution  
([www.brookings.edu/about/programs/economics](http://www.brookings.edu/about/programs/economics) );
39. European Economic Review ([www.journals.elsevier.com/european-economic-review](http://www.journals.elsevier.com/european-economic-review));
40. Experimental Economics (<http://link.springer.com/journal/10683>);
41. Journal of Business & Economic Statistics  
([www.tandfonline.com/toc/UBES20/current#.UwV9kuKVtzo](http://www.tandfonline.com/toc/UBES20/current#.UwV9kuKVtzo));
42. Journal of Development Economics  
([www.journals.elsevier.com/journal-of-development-economics](http://www.journals.elsevier.com/journal-of-development-economics));
43. Journal of Economic Growth (<http://link.springer.com/journal/10887>);
44. Journal of Economic Literature (<https://www.aeaweb.org/journals/jel>);
45. Journal of Economic Perspectives ([www.aeaweb.org/jep/](http://www.aeaweb.org/jep/));
46. Journal of Economic Surveys  
([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1467-6419](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1467-6419));
47. Journal of Finance (<https://www.afajof.org/default.aspx>);
48. Journal of Financial Economics ([www.journals.elsevier.com/journal-of-financial-economics](http://www.journals.elsevier.com/journal-of-financial-economics));
49. Journal of Labor Economics  
([www.press.uchicago.edu/ucp/journals/journal/jole.html](http://www.press.uchicago.edu/ucp/journals/journal/jole.html));
50. Journal of Law and Economics  
([www.press.uchicago.edu/ucp/journals/journal/jle.html](http://www.press.uchicago.edu/ucp/journals/journal/jle.html));
51. Journal of Monetary Economics ([www.journals.elsevier.com/journal-of-monetary-economics](http://www.journals.elsevier.com/journal-of-monetary-economics));
52. Journal of Political Economy  
([www.press.uchicago.edu/ucp/journals/journal/jpe.html](http://www.press.uchicago.edu/ucp/journals/journal/jpe.html));
53. Journal of the European Economic Association  
([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1542-4774](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1542-4774));
54. MEMS Journal (<http://www.memsjournal.com>);
55. Nature (<http://www.nature.com>);
56. Oxford Journals (<http://www.oxfordjournals.org>);
57. Science/AAAS (<http://www.sciencemag.org>);

58. Quarterly Journal of Economics (<http://qje.oxfordjournals.org/>);
59. Review of Economic Studies (<http://restud.oxfordjournals.org/>);
60. Review of Economics and Statistics ([www.mitpressjournals.org/loi/rest](http://www.mitpressjournals.org/loi/rest));
61. Review of Financial Studies (<http://rfs.oxfordjournals.org/>);
62. Russian Journal of Economics  
(<http://www.journals.elsevier.com/russian-journal-of-economics>);
63. TERRA ECONOMICUS (<http://te.sfedu.ru/>);
- World Bank Economic Review (<http://wber.oxfordjournals.org/>).

The program was compiled in accordance with the Federal State Requirements.

Head of the group of developers of the OP VO

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Developers

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