

**Report
on the results of the survey
Doctoral students' satisfaction with educational services
for 2023-2024 academic year in educational program
8D07103 Electric Power Engineering**

In February 2024, the Center of Quality Management and Accreditation conducted a survey on Doctoral students' satisfaction with educational services.

The purpose of the study is to measure consumer satisfaction with the quality of services provided by the University.

The subject of the study is doctoral students' ideas about organization of the educational process, the degree of satisfaction with its various characteristics.

The results of the survey were processed and presented in a generalized form with the guarantee of confidentiality of the personal opinions of doctoral students.

The object of the study is the 1st to 3rd year doctoral students.

In the survey, there took part 21 respondents; this amounted to 100% of the total number of doctoral students.

The following data were obtained during the survey

1. Are you satisfied with the research work?

1.1 Relevance and compliance of the proposed topic of the dissertation research with your scientific interests
1.2 The level of organizational, methodological and informational support for preparation of the dissertation research
1.3 Professionalism and competence of the scientific supervisor
1.4 Opportunities for testing and publishing the results of the dissertation research
1.5 Access to participation in the departmental research projects, including the funded ones
1.6 Promptness of the University response to your requests
1.7 Availability, completeness and reliability of the information of scientific events held at the University and beyond
1.8 General level of organization and implementation of the foreign internship
1.9 The effectiveness of the foreign internship for you

Other (write your answer option) _____

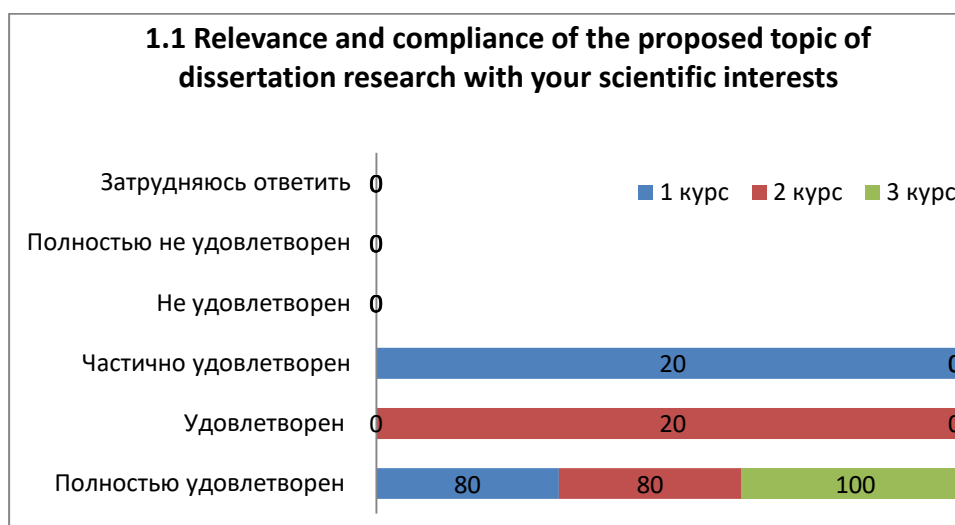
If you answered “Not satisfied or completely dissatisfied” to the previous question, please provide recommendations for improvement _____

Indicators:

1.1 Relevance and compliance of the proposed topic of dissertation research with your scientific interests

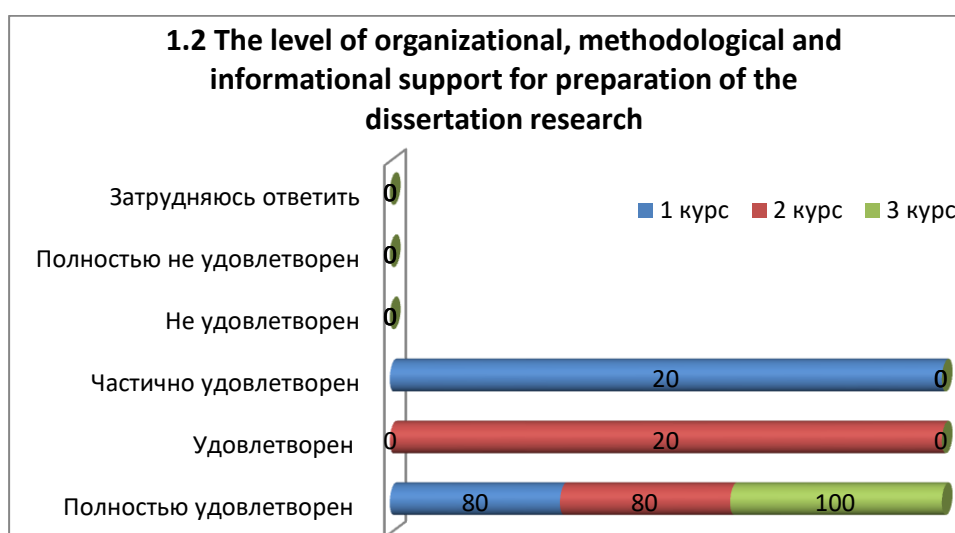
Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-

Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



1.2 The level of organizational, methodological and informational support for preparation of the dissertation research

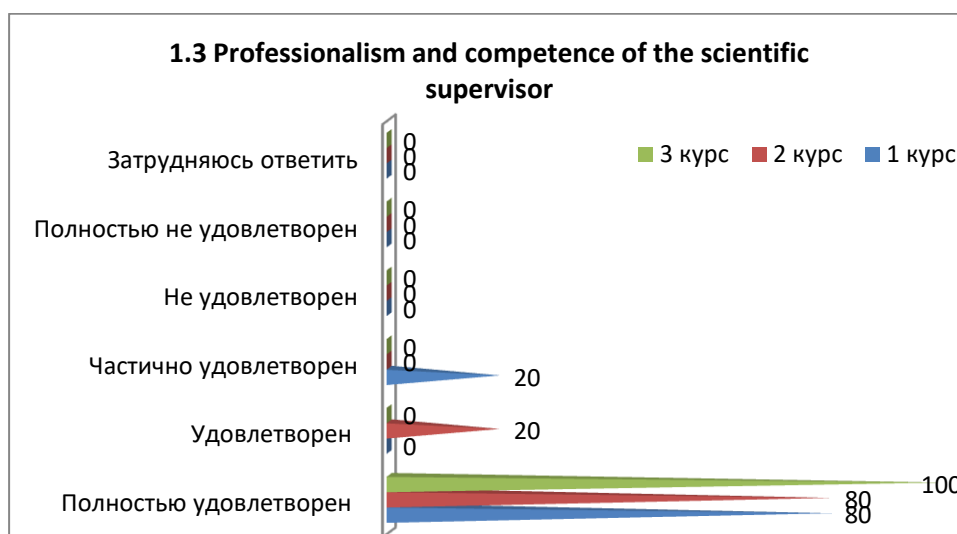
Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



1.3 Professionalism and competence of the scientific supervisor

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-

Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



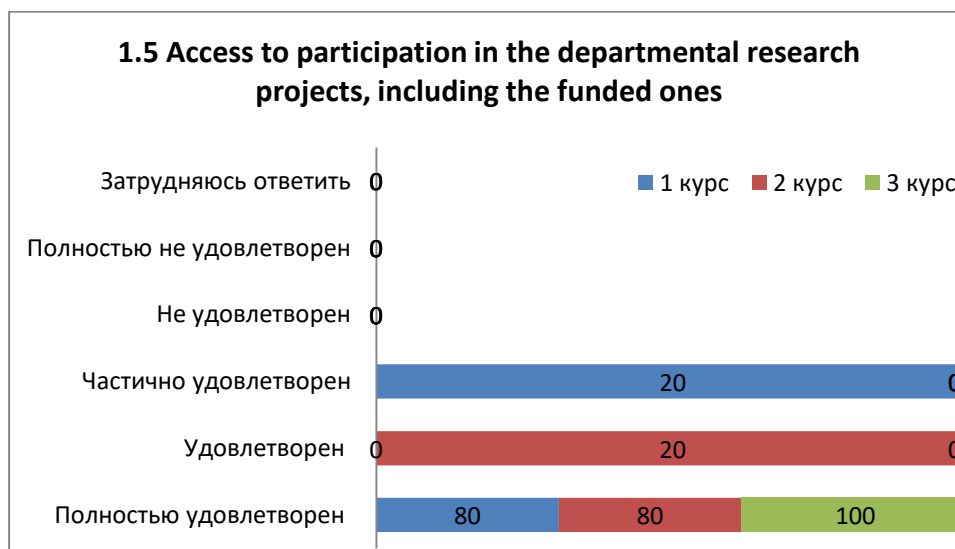
1.4 Opportunities for testing and publishing the results of the dissertation research

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



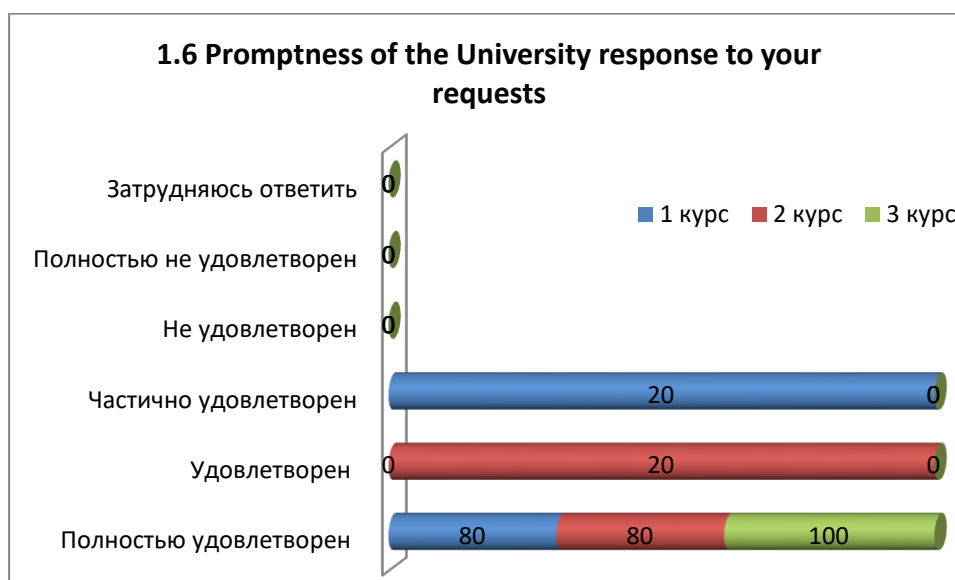
1.5 Access to participation in the departmental research projects, including the funded ones

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



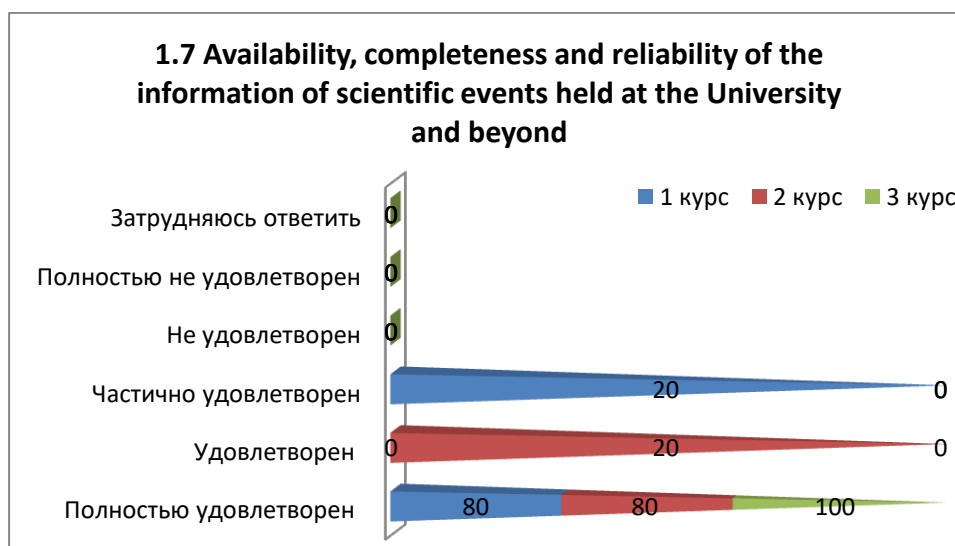
1.6 Promptness of the University response to your requests

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



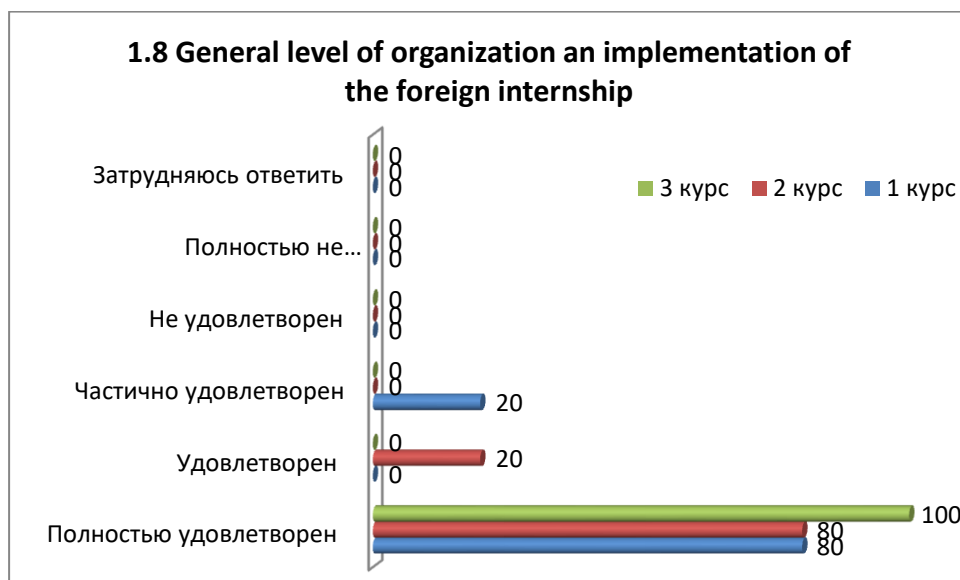
1.7 Availability, completeness and reliability of the information of scientific events held at the University and beyond

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



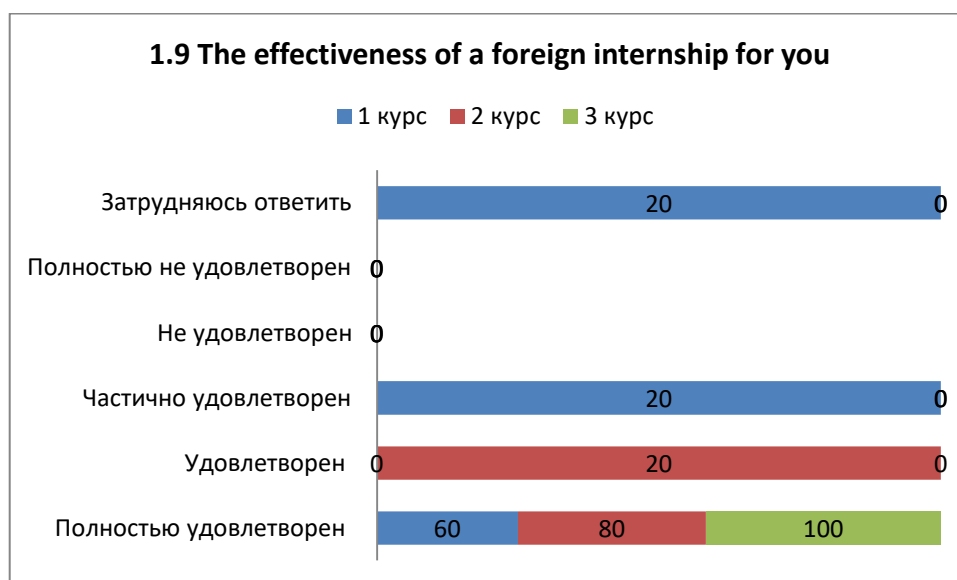
1.8 General level of organization and implementation of the foreign internship

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



1.9 The effectiveness of a foreign internship for you

Answer options	1 year	2 year	3 year
Completely satisfied	60	80	100
Satisfied	-	20	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	20	-	-



For the “Other” option, students indicated the following options*:
 - An overseas internship is planned for the next academic year.

2. Rate the professional skills of the domestic consultant in the field of research:

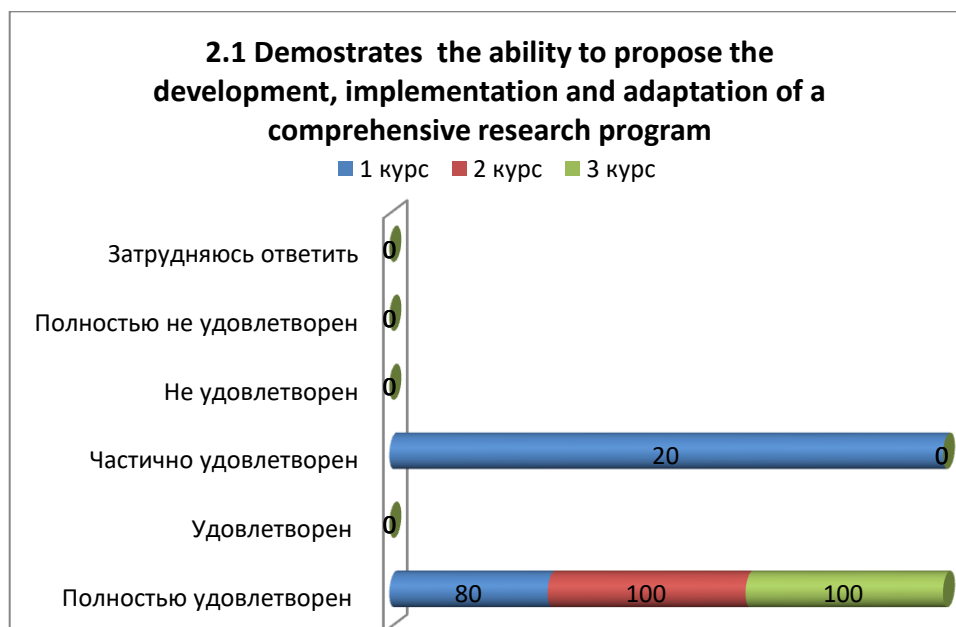
2.1 Demonstrates the ability to propose the development, implementation and adaptation of a comprehensive research program
2.2 Contributes to science through the research, which is reflected in cited national or international publications or patents
2.3 Has an international reputation in the research field, has contacts in scientific communities, and is able to present and to interpret research results
2.4 Makes a positive contribution to the development of scientific knowledge through cooperation and collaboration with the other scientists, including foreign ones
2.5 Publishes papers as the leading author-researcher, conducts scientific seminars and chairs sections at conferences
2.6 Defines acceptable research methodology, research techniques and approaches
2.7 Adheres to the standards of academic honesty and ethics in research and interpersonal communication

Other (write your option) _____

If you answered “Not satisfied or completely dissatisfied” to the previous question, please provide recommendations for improving the professional skills of domestic research consultants _____

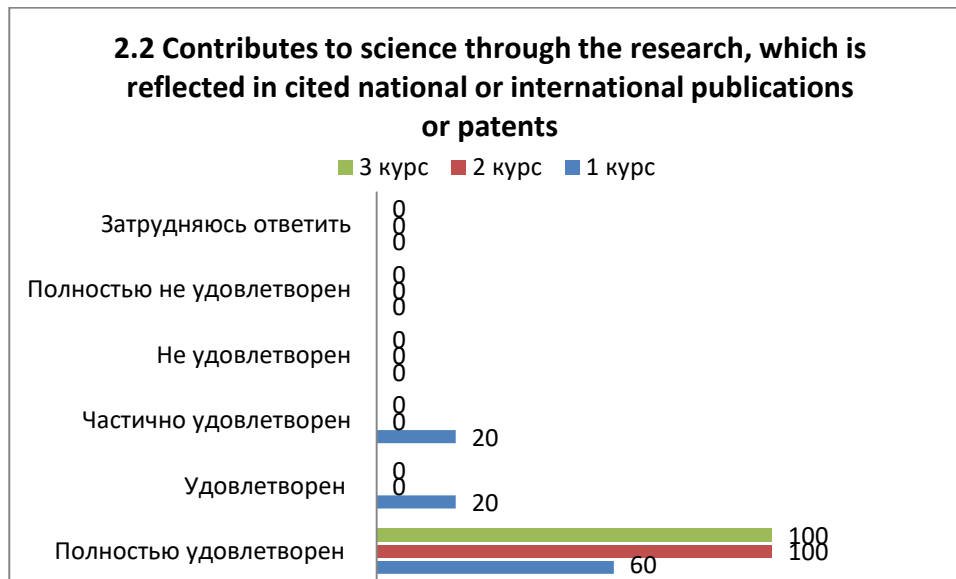
2.1 Demonstrates the ability to propose the development, implementation and adaptation of a comprehensive research program

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	100
Satisfied	-	-	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



2.2 Contributes to science through the research, which is reflected in cited national or international publications or patents

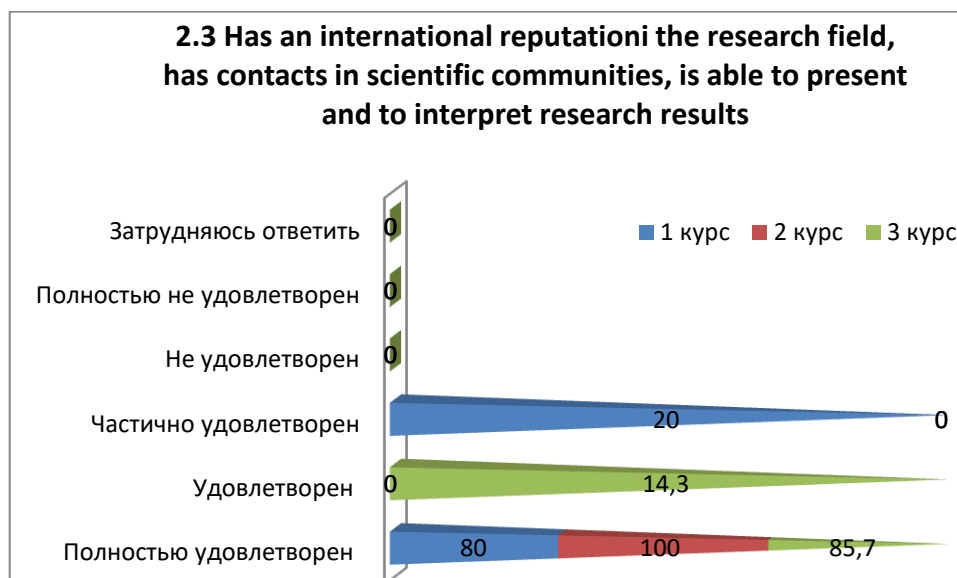
Answer options	1 year	2 year	3 year
Completely satisfied	60	100	100
Satisfied	20	-	-
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



2.3 Has an international reputation in the research field, has contacts in scientific communities, and is able to present and to interpret research results

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Satisfied	-	-	14,3
Partially satisfied	20	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-

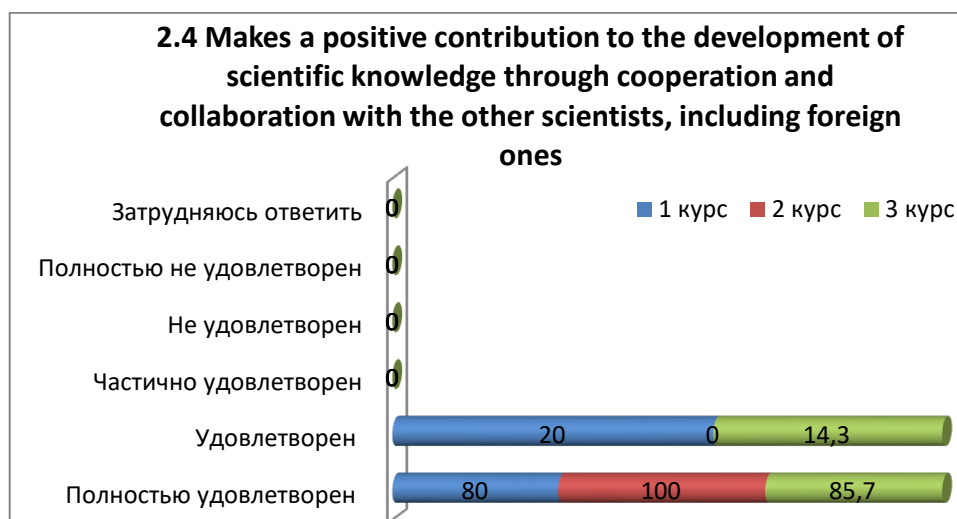
2.3 Has an international reputation in the research field, has contacts in scientific communities, is able to present and to interpret research results



2.4 Makes a positive contribution to the development of scientific knowledge through cooperation and collaboration with the other scientists, including foreign ones

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Satisfied	20	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-

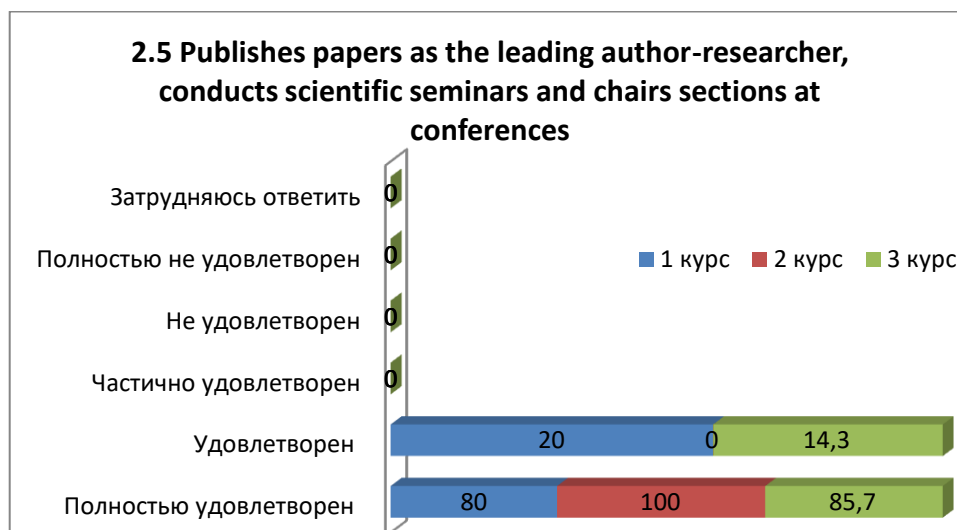
2.4 Makes a positive contribution to the development of scientific knowledge through cooperation and collaboration with the other scientists, including foreign ones



2.5 Publishes papers as the leading author-researcher, conducts scientific seminars and chair sections at conferences

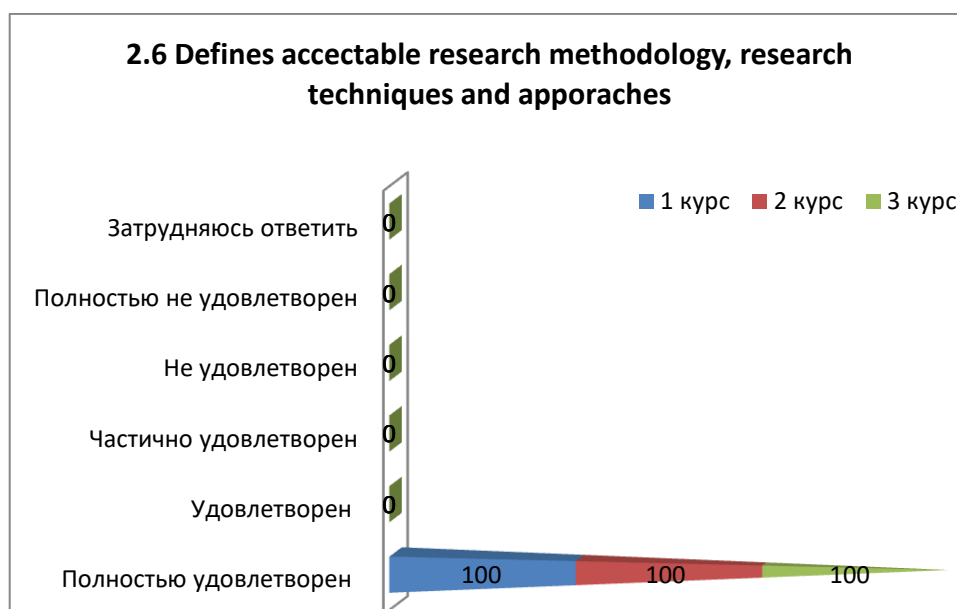
Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Satisfied	20	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-

Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



2.6 Defines acceptable research methodology, research techniques and approaches

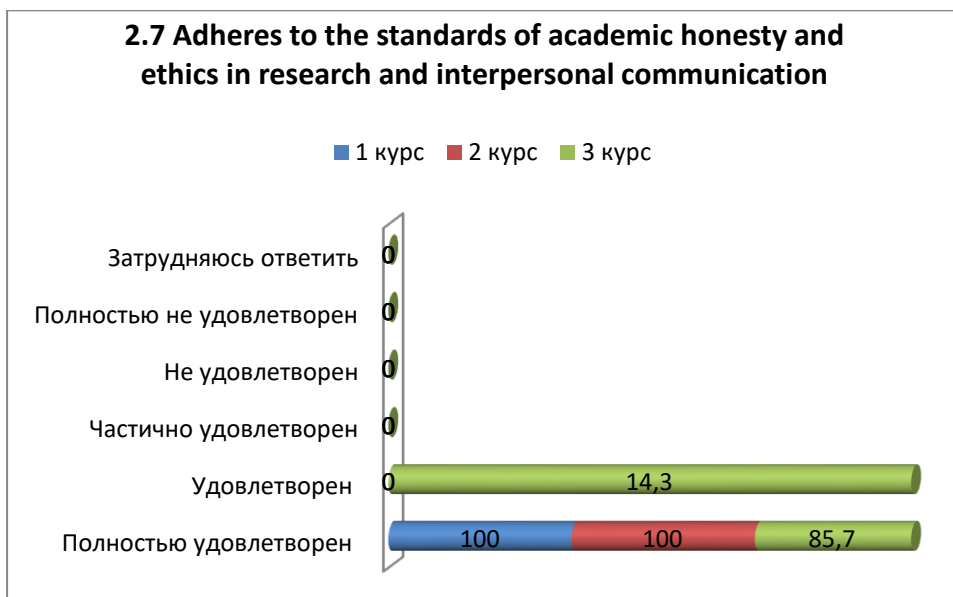
Answer options	1 year	2 year	3 year
Completely satisfied	100	100	100
Satisfied	-	-	-
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



2.7 Adheres to the standards of academic honesty and ethics in research and interpersonal communication

Answer options	1 year	2 year	3 year
Completely satisfied	100	100	85,7

Satisfied	-	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



3. Rate the professional skills of the foreign consultant in the field of research:

3.1 Provides practical advice and recommendations on the plan and content of the dissertation
3.2 Provides consultation on the research topic
3.3 Participates in organizing an overseas internship at research organizations
3.4 Received practical advice on writing and publishing an article in a journal with a non-zero impact factor included in the Scopus/Web of Science databases
3.5 Improved knowledge of a foreign language
3.6 Introduced to global trends in the field of research and experience of working with a foreign scientist
3.7 Has the opportunity to listen to lectures of a foreign supervisor during doctoral studies
3.8 Forms of work of a doctoral student with a foreign scientific supervisor: - online, including via the Zoom platform, email, Skype, WhatsApp and messaging by phone
3.9 Offline, including during an overseas internship, guest lectures by a foreign consultant and traditional consultations
3.10 Adheres to the standards of academic honesty and ethics in research and interpersonal communication

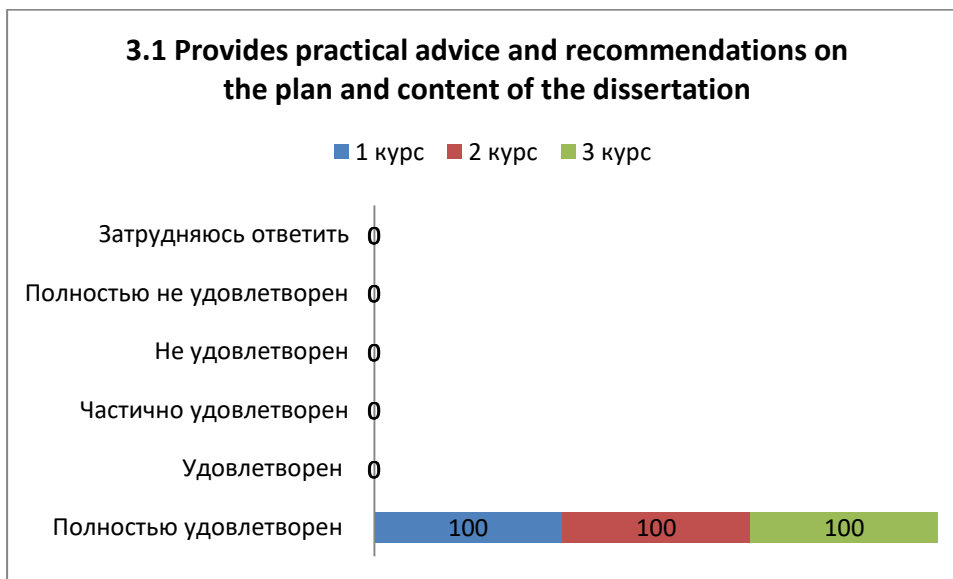
Other (write your answer) _____

If you answered “Not satisfied or completely dissatisfied” to the previous question, please provide recommendations for improving the professional skills of domestic consultants in the field of research _____

Indicators:

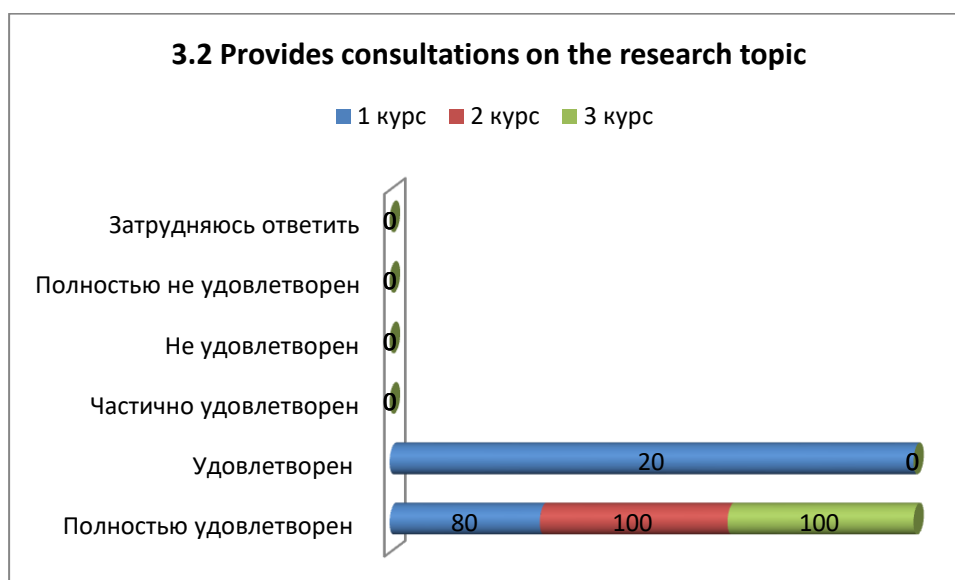
3.1 Provides practical advice and recommendations on the plan and content of the dissertation

Answer options	1 year	2 year	3 year
Completely satisfied	100	100	100
Satisfied	-	-	-
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



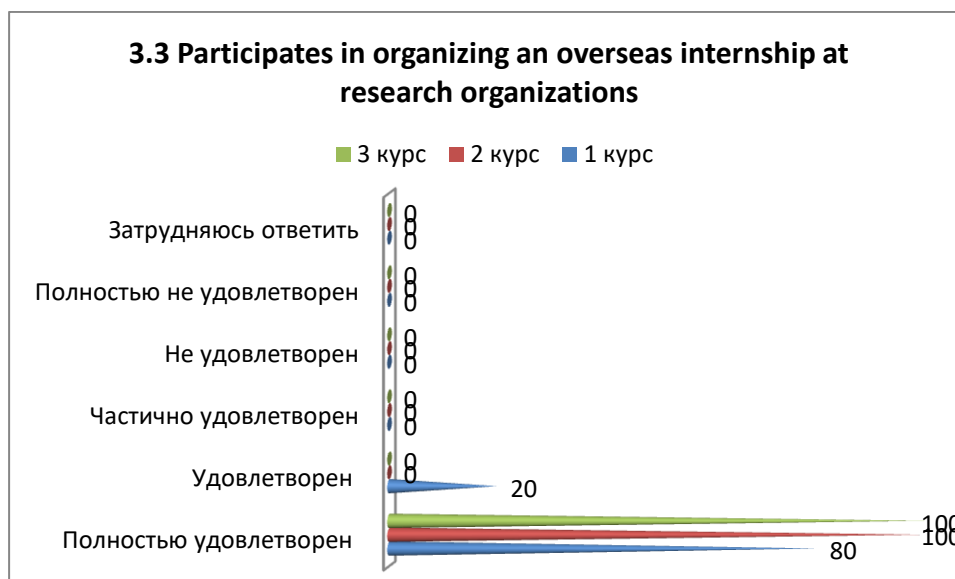
3.2 Provides consultations on the research topic

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	100
Satisfied	20	-	-
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



3.3 Participates in organizing an overseas internship at research organizations

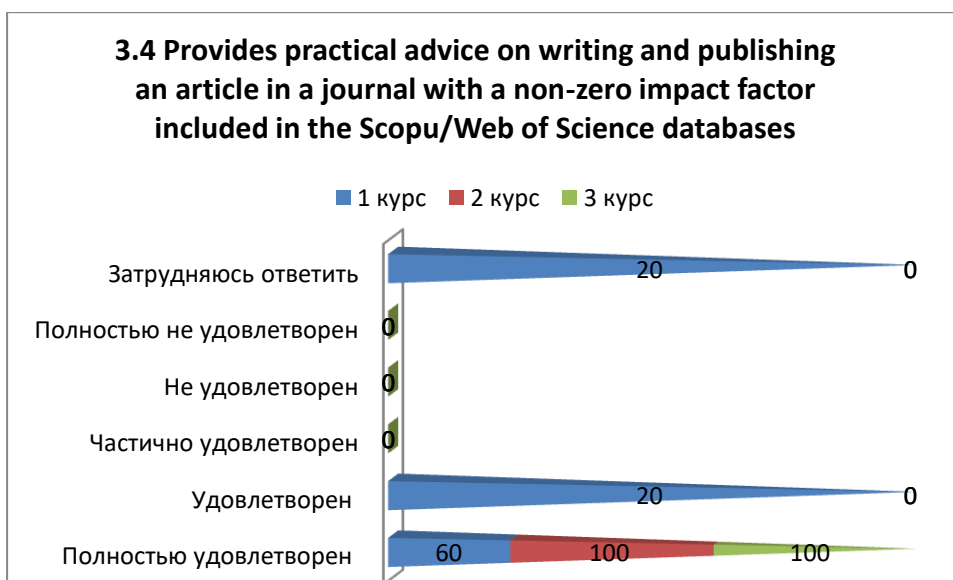
Answer options	1 year	2 year	3 year
Completely satisfied	80	100	100
Satisfied	20	-	-
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



3.4 Provides practical advice on writing and publishing an article in a journal with a non-zero impact factor included in the Scopus/Web of Science databases

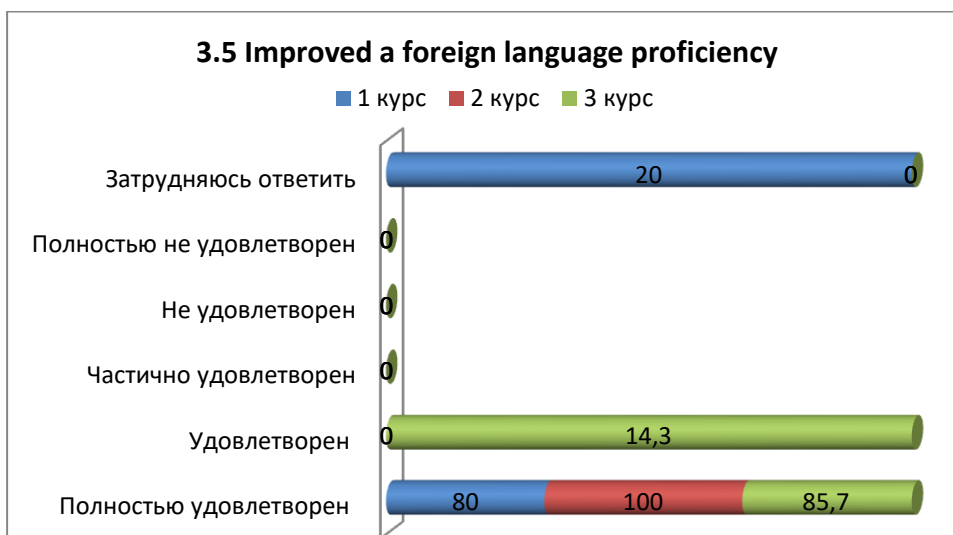
Answer options	1 year	2 year	3 year
Completely satisfied	60	100	100
Satisfied	20	-	-
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-

I find it difficult to answer	20	-	-
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3.5 Improved a foreign language proficiency

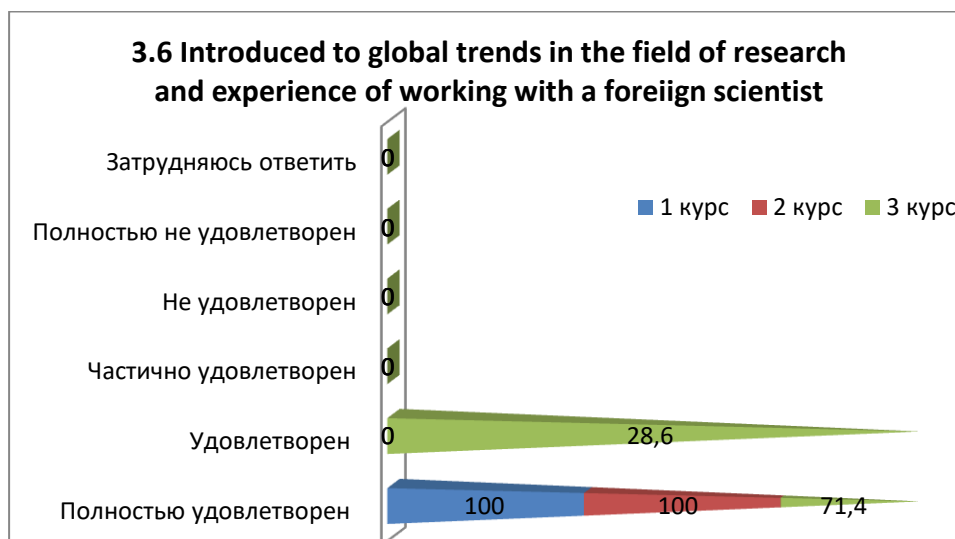
Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Satisfied	-	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	20	-	-



3.6 Introduced to global trends in the field of research and experience of working with a foreign scientist

Answer options	1 year	2 year	3 year
Completely satisfied	100	100	71,4
Satisfied	-	-	28,6
Partially satisfied	-	-	-
Not satisfied	-	-	-

Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



3.7 Has the opportunity to listen to lectures of a foreign supervisor during doctoral studies

Answer options	1 year	2 year	3 year
Completely satisfied	100	100	85,7
Satisfied	-	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



3.8 Forms of work of a doctoral student with a foreign scientific supervisor: online, including via the Zoom platform, email, Skype, WhatsApp, and messaging by phone

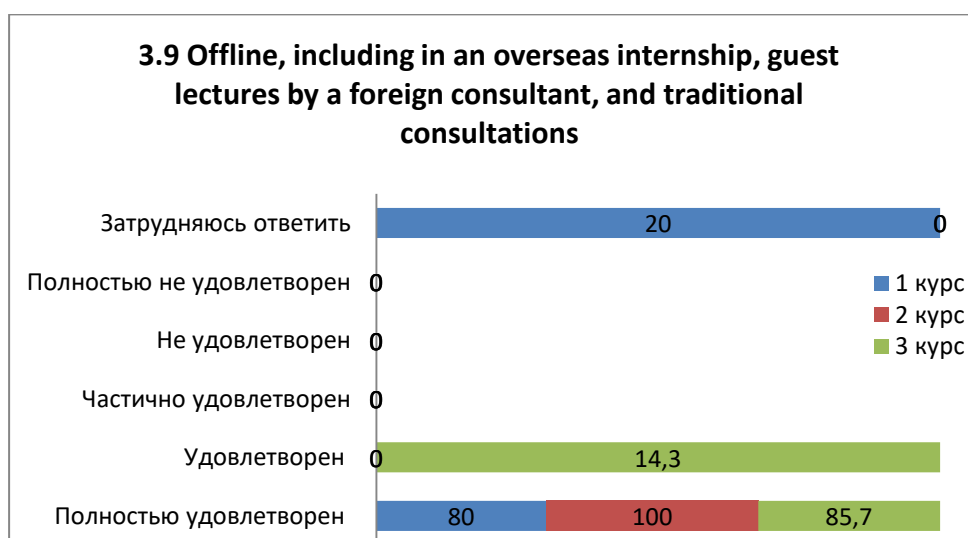
Answer options	1 year	2 year	3 year
Completely satisfied	100	100	71,4
Satisfied	-	-	28,6

Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



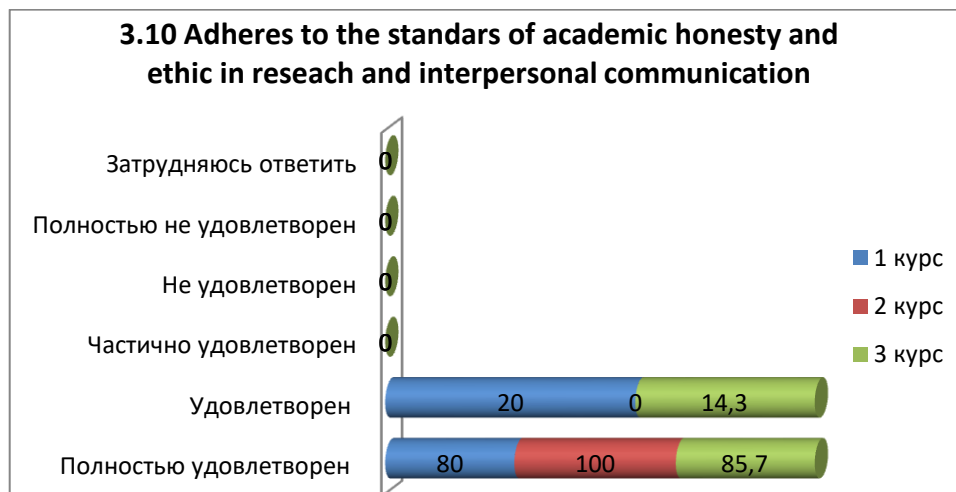
3.9 Offline, including in an overseas internship, guest lectures by a foreign consultant, and traditional consultations

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Satisfied	-	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	20	-	-



3.10 Adheres to the standards of academic honesty and ethics in research and interpersonal communication

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Satisfied	20	-	14,3
Partially satisfied	-	-	-
Not satisfied	-	-	-
Completely dissatisfied	-	-	-
I find it difficult to answer	-	-	-



4. Below there are listed various opportunities that a job can provide for a specialist. What importance do you attach to each of them, regardless of whether they were realized or not?

4.1 Opportunity to improve skills
4.2 Opportunity to work with highly competent colleagues
4.3 Opportunity to receive a high salary
4.4 Opportunity to work in comfortable working conditions
4.5 Opportunity to be promoted
4.6 Opportunity to develop ones's own ideas
4.7 Opportunity to be engaged in prestigious activities
4.8 Opportunity to work under a highly competent manager
4.9 Opportunity to contribute to science
4.10 Opportunity to provide prestige in the professional field

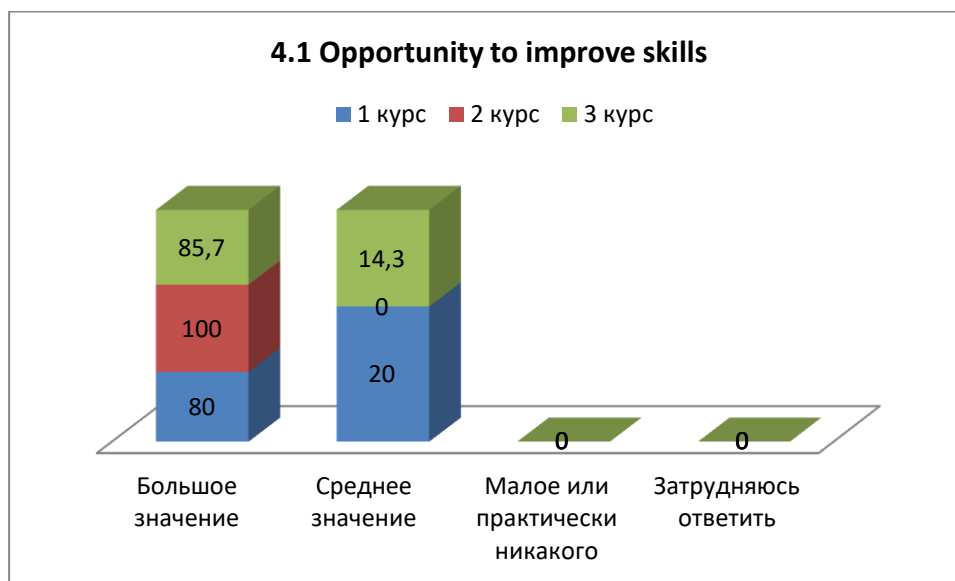
Other (write your answer) _____

If you answered "Little or practically none" to the previous question, write why

4.1 Opportunity to improve skills

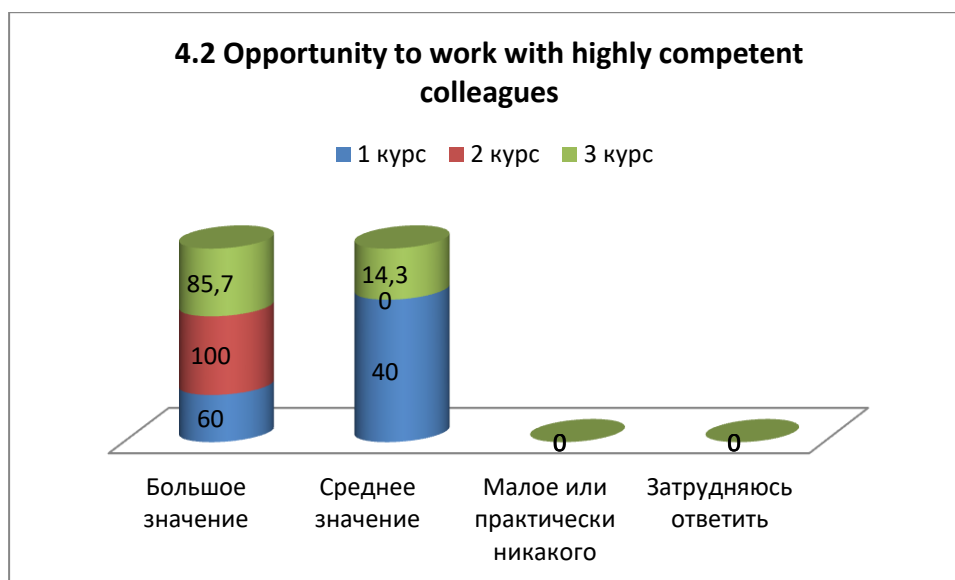
Answer options	1 year	2 year	3 year
High value	80	100	85,7
Average value	20	-	14,3

Small or practically none	-	-	-
I find it difficult to answer	-	-	-



4.2 Opportunity to work with highly competent colleagues

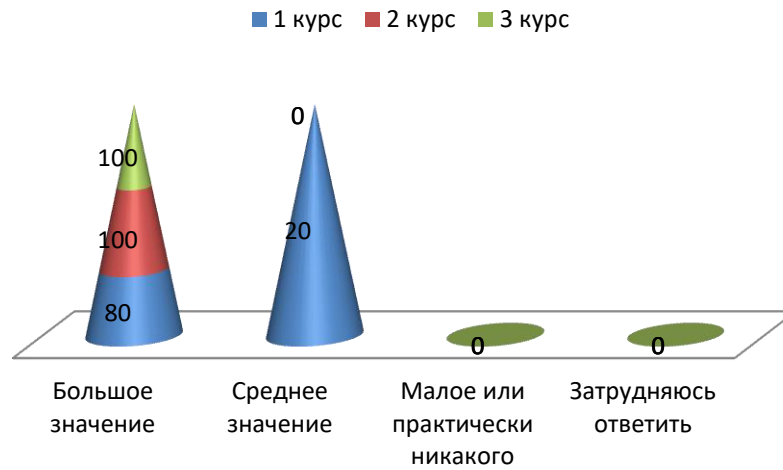
Answer options	1 year	2 year	3 year
High value	60	100	85,7
Average value	40	-	14,3
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



4.3 Opportunity to receive a high salary

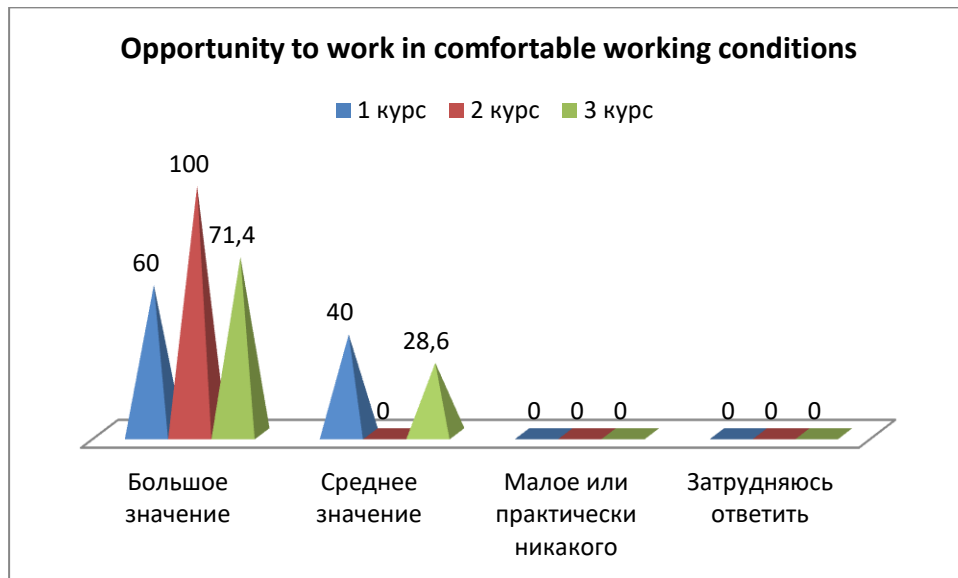
Answer options	1 year	2 year	3 year
High value	80	100	100
Average value	20	-	-
Small or practically none	-	-	-
I find it difficult to answer	-	-	-

4.3 Opportunity to receive a high salary



4.4 Opportunity to work in comfortable working conditions

Answer options	1 year	2 year	3 year
High value	60	100	71,4
Average value	40	-	28,6
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



4.5 Opportunity to be promoted

Answer options	1 year	2 year	3 year
High value	80	100	100
Average value	20	-	-
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



4.6 Opportunity to develop one's own ideas

Answer options	1 year	2 year	3 year
High value	40	100	100
Average value	60	-	-
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



4.7 Opportunity to be engaged in prestigious activities

Answer options	1 year	2 year	3 year
High value	60	100	71,4
Average value	40	-	28,6
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



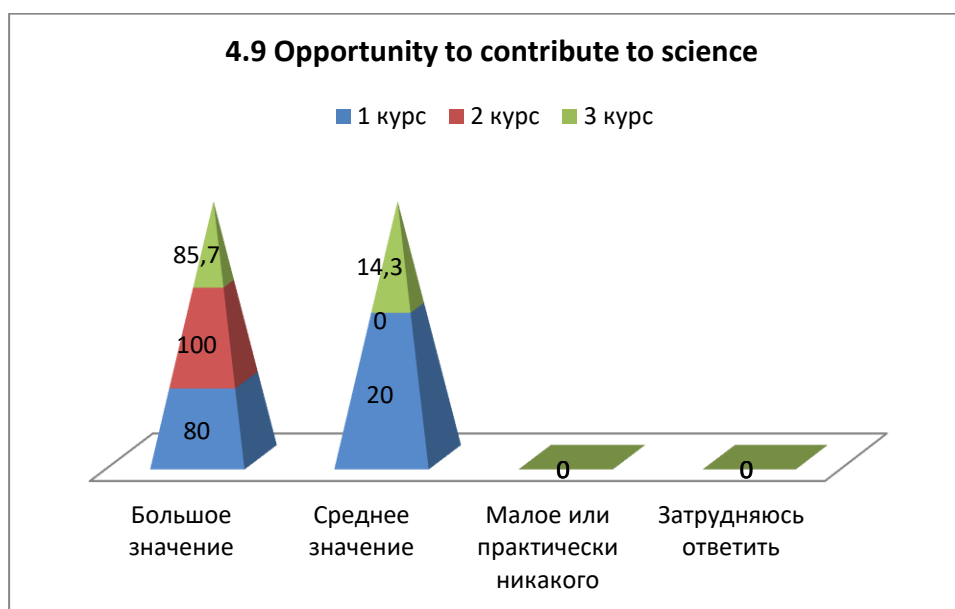
4.8 Opportunity to work under a highly competent manager

Answer options	1 year	2 year	3 year
High value	60	100	85,7
Average value	40	-	14,3
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



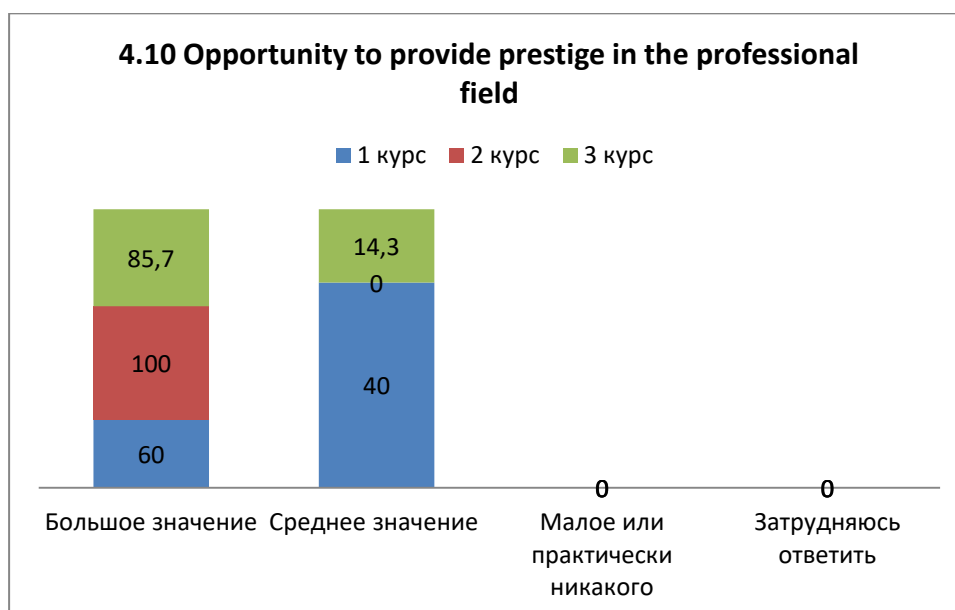
4.9 Opportunity to contribute to science

Answer options	1 year	2 year	3 year
High value	80	100	85,7
Average value	20	-	14,3
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



4.10 Opportunity to provide prestige in the professional field sphere

Answer options	1 year	2 year	3 year
High value	60	100	85,7
Average value	40	-	14,3
Small or practically none	-	-	-
I find it difficult to answer	-	-	-



5. Are you satisfied with the level of availability of the University material and technical resources?

5.1 Library collections
5.2 Equipment, computers needed for the educational process and scientific activities
5.3 Internet channel width, its speed
5.4 Organization of catering
5.5 Availability and condition of sports equipment
5.6 Living conditions in the hostel

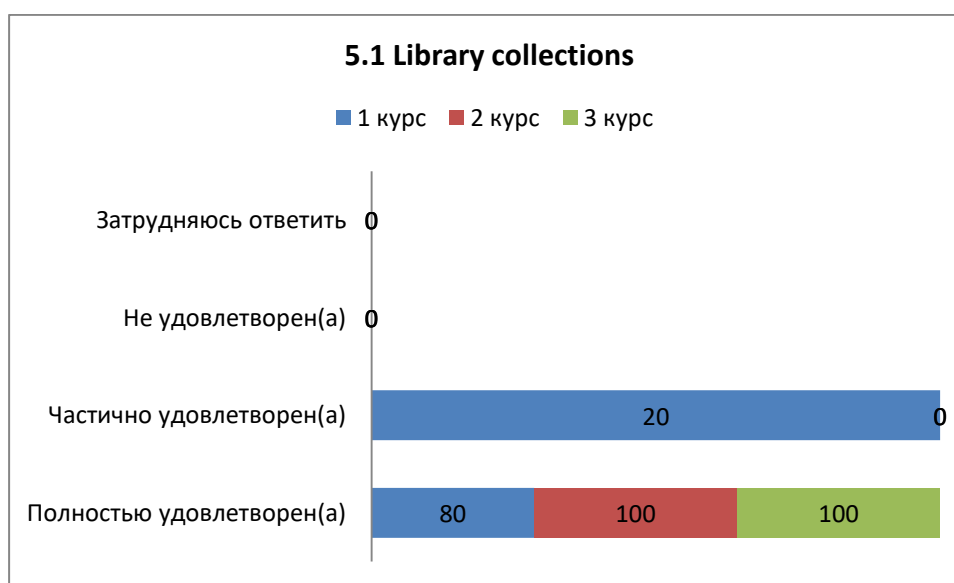
Other (write your answer) _____

If you answered “Not satisfied” to the previous question, give recommendations for improving the material and technical resources of the university ____

Indicators:

5.1 Library collections

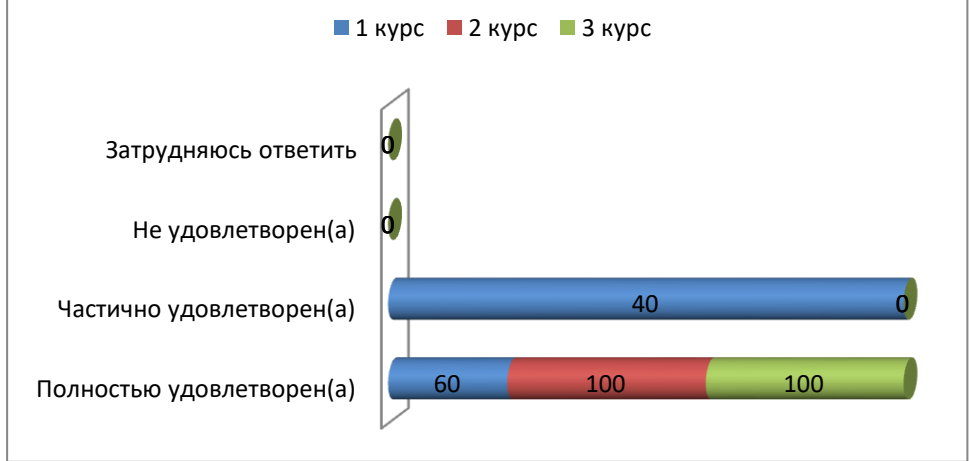
Answer options	1 year	2 year	3 year
Completely satisfied	80	100	100
Partially satisfied	20	-	-
Not satisfied	-	-	-
Difficult to answer	-	-	-



5.2 Equipment, computers needed for the educational process and scientific activities

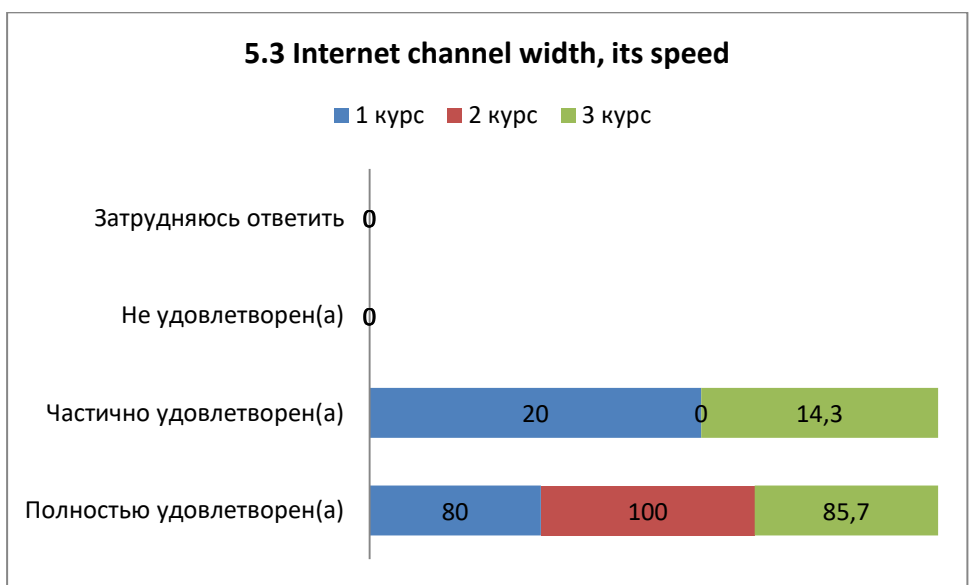
Answer options	1 year	2 year	3 year
Completely satisfied	60	100	100
Partially satisfied	40	-	-
Not satisfied	-	-	-
Difficult to answer	-	-	-

5.2 Equipment, computers needed for the educational process and scientific activities



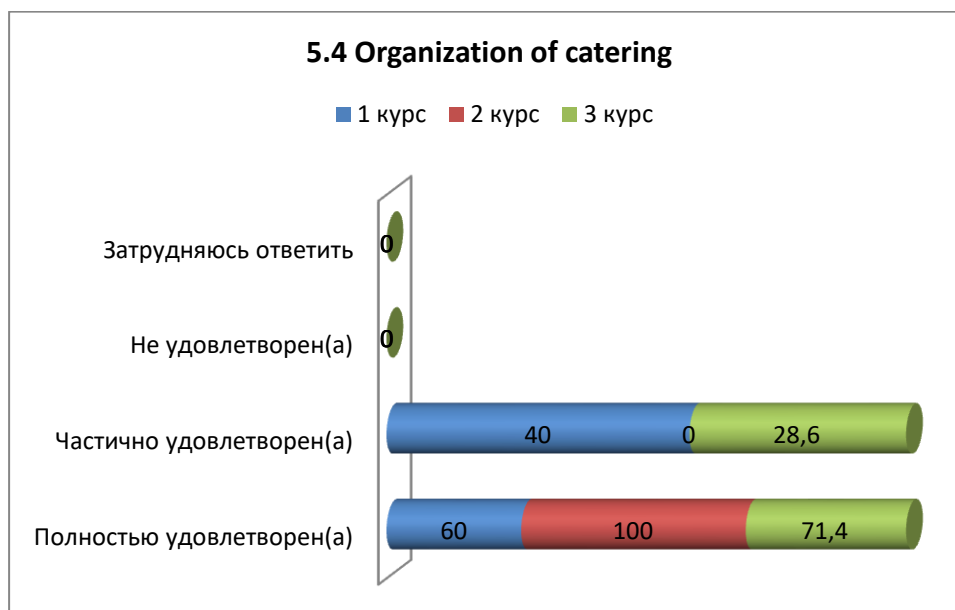
5.3 Internet channel width, its speed

Answer options	1 year	2 year	3 year
Completely satisfied	80	100	85,7
Partially satisfied	20	-	14,3
Not satisfied	-	-	-
Difficult to answer	-	-	-



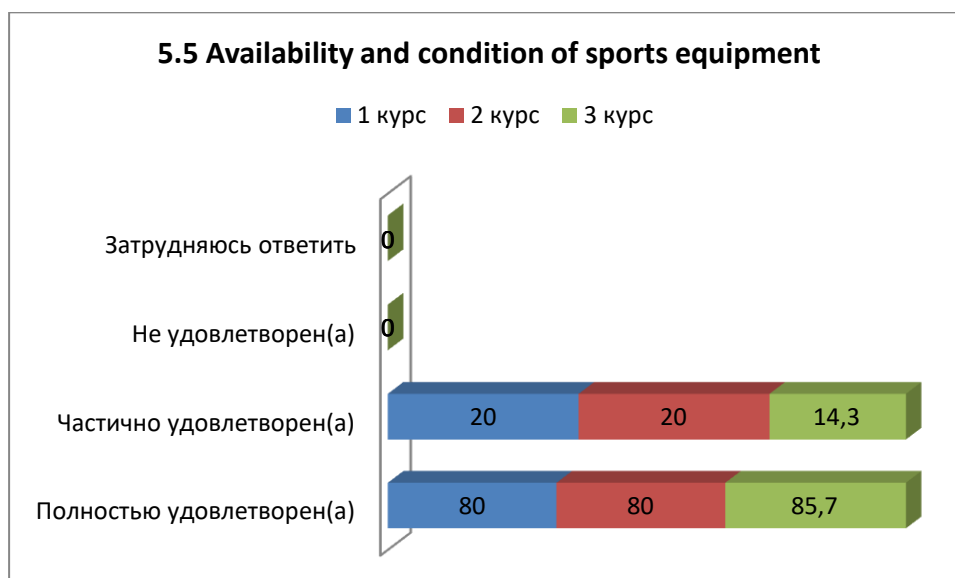
5.4 Organization of catering

Answer options	1 year	2 year	3 year
Completely satisfied	60	100	71,4
Partially satisfied	40	-	28,6
Not satisfied	-	-	-
Difficult to answer	-	-	-



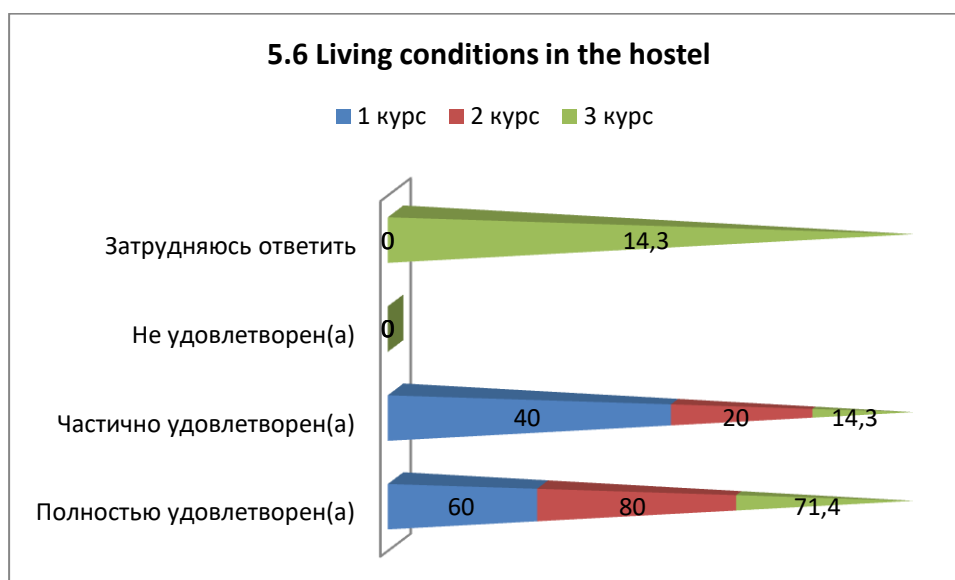
5.5 Availability and condition of sports equipment

Answer options	1 year	2 year	3 year
Completely satisfied	80	80	85,7
Partially satisfied	20	20	14,3
Not satisfied	-	-	-
Difficult to answer	-	-	-



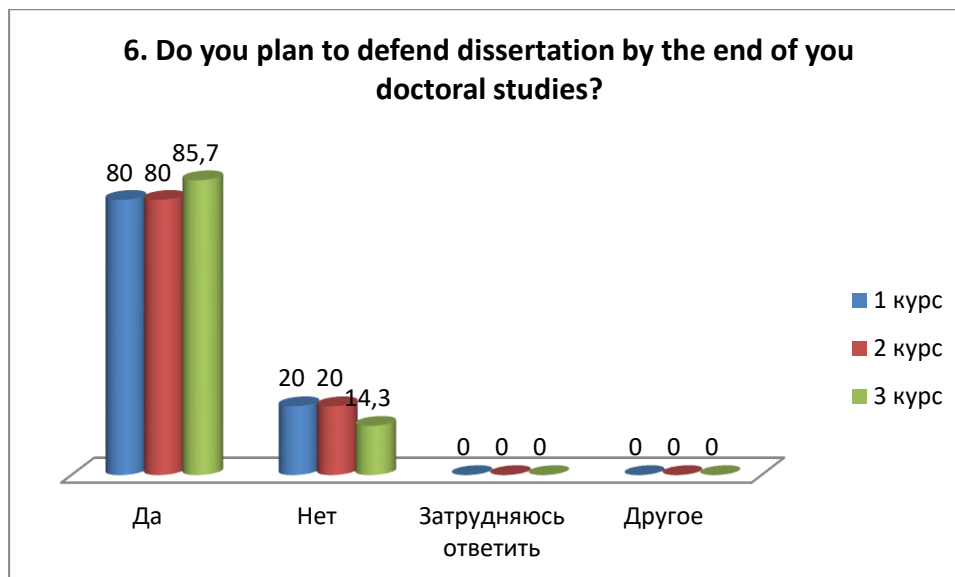
5.6 Living conditions in the hostel

Answer options	1 year	2 year	3 year
Completely satisfied	60	80	71,4
Partially satisfied	40	20	14,3
Not satisfied	-	-	-
Difficult to answer	-	-	14,3



6. Do you plan to defend your dissertation by the end of your doctoral studies?

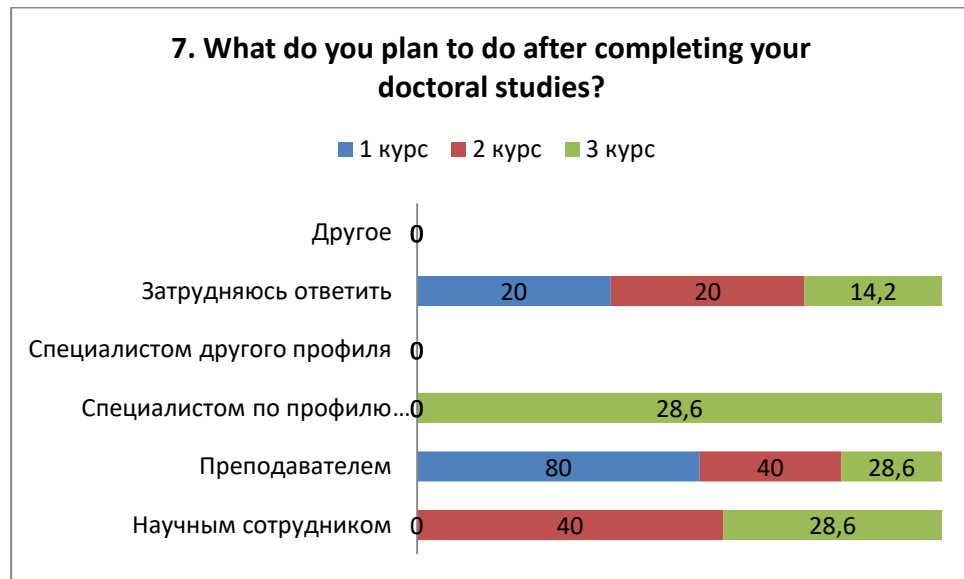
Answer options	1 year	2 year	3 year
Yes	80	80	85,7
No	20	20	14,3
Difficult to answer	-	-	-
Other	-	-	-



7. What do you plan to do after completing your doctoral studies

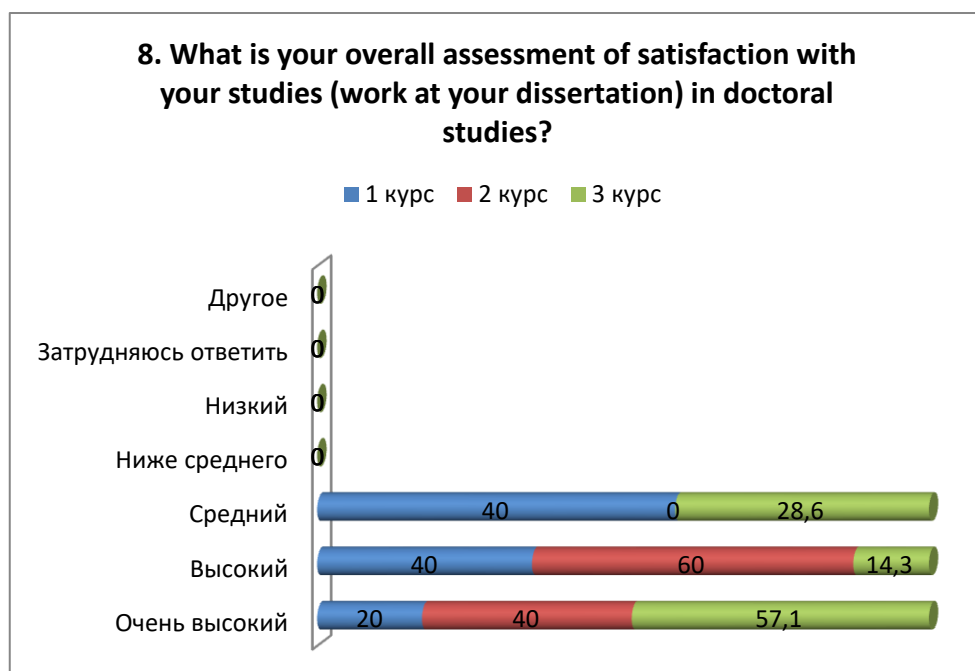
Answer options	1 year	2 year	3 year
Researcher	-	40	28,6
Teacher	80	40	28,6
Specialist in the field of the dissertation not related to science and education	-	-	28,6
Specialist in another field	-	-	-

Difficult to answer	20	20	14,2
Other	-	-	-



8. What is your overall assessment of satisfaction with your studies (work at your dissertation) in doctoral studies?

Варианты ответов	1 year	2 year	3 year
Очень высокий	20	40	57,1
Высокий	40	60	14,3
Средний	40	-	28,6
Ниже среднего	-	-	-
Низкий	-	-	-
Затрудняюсь ответить	-	-	-
Другое	-	-	-



Please write what questions, in your opinion, should be added to this questionnaire to improve the training program, improve the quality of services provided and other areas of the university's activities. (The students' answers are presented in the original. The author's spelling and punctuation have been preserved):

- All the questions are correct, nothing to add
- Nothing to add.

Based on the survey results, the following conclusions can be drawn:

The analysis of the survey results shows that doctoral students are satisfied with the educational services.

The overwhelming majority of doctoral students (93.3%) are satisfied with the relevance of the dissertation topics that correspond to their research interests. The survey also showed that they highly (93.3%) rate the professionalism and competence of their academic supervisors; organizational, methodological and informational support in preparing dissertations; access to participation in departmental research projects, including funded ones; as well as the University prompt response to their requests.

93% of doctoral students are satisfied with the possibilities of testing and publishing the results of their dissertation research. This indicates that the university provides doctoral students with sufficient opportunities to disseminate their research results and promotes their professional development.

Availability, completeness and reliability of information about scientific events held at the University and outside it are assessed by respondents at 93.3%. Doctoral students also rated the organization and conduct of foreign internships well, as well as their effectiveness. 90% of respondents expressed satisfaction with these aspects. This indicates that the University effectively organizes and conducts foreign internships, providing doctoral students with valuable and productive experience, indicating the achievement of the set goals and the acquisition of significant knowledge and skills by doctoral students.

The professional skills of domestic consultants in the field of research were assessed by doctoral students at a high level. The ability to publish research as a lead author, collaboration, determination of methodology and compliance with ethics received the highest rating (100%), while other skills, such as international reputation, contribution to science, development of research programs received collaboration, were rated at 93.3%.

Satisfaction of doctoral students with the professional skills of their overseas advisor in the field of research is on average 98%. The overseas advisor provides high-quality support and guidance to doctoral students, helping them to develop their research skills, expand their knowledge and achieve success in their projects. Overall, doctoral students are very satisfied with the professionalism and commitment of the advisor.

Opportunities that doctoral students attach great importance to in their work are as follows:

- receiving a high salary (93.3%);
- career advancement (93.3%);
- professional development (88.6%);
- contribution to science (88.6%);
- collaboration with highly competent colleagues (81.9%);
- creation of prestige in the professional field (81.9%);

- work under a highly competent manager (81.9%);
- development of own ideas (80%);
- engaging in prestigious activities (77.1%);
- comfortable working conditions (77.1%).

The level of availability of the University material and technical resources is assessed as satisfactory. Library funds, equipment and computers for the educational process and research activities, Internet, food, sports equipment and living conditions in the dormitory meet the requirements and expectations of students.

To the question "Do you plan to defend your dissertation by the end of your studies?" 81.9% of respondents chose the answer "Yes".

Slightly less than half of the respondents (49.5%) expressed interest in teaching. A significant number of respondents (22.9%) plan to continue their careers as researchers after completing their doctoral studies. A smaller number of respondents (9.5%) intend to work as specialists in the profile of their dissertation outside of academia. About 18% of respondents have not yet decided on their plans for the future.

Overall, respondents rated their satisfaction with their studies (work on their dissertation) in doctoral studies highly.

Recommendations:

The head of the department must familiarize and discuss the survey results with the staff and doctoral students; if necessary, to develop an action plan to improve the quality of educational services. Doctoral students can request the survey results by e-mail from the Center for Quality Management and Accreditation cqma_kstu@mail.ru.