



I.K. AKHUNBAEV KYRGYZ STATE MEDICAL ACADEMY

Analytical report

According to the results of the assessment of satisfaction with the educational programs of students of the Faculty of Higher Nursing Education of the I. K. Akhunbayev KSMA for the 2017-2018 academic year.

The report was prepared by

the staff of the Department of Quality Management of Education

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LIST OF ABBREVIATIONS AND TERMS

AVN - Software for electronic document management

HEI- Higher education institution

SES- State Educational Standard

HNE -Higher nursing education

KSMA- I. K. Akhunbayev Kyrgyz State Medical Academy

EC- Elective courses (elective courses)

OTMS - Organization and tactics of the medical service

IWS- Independent work of students.

INTRODUCTION

In order to improve the quality of the educational process at KSMA and evaluate the curriculum in the specialty “Nursing” of the Faculty of HNE, an assessment of students' satisfaction with the quality of educational programs was conducted in the 2017-2018 year. This report presents the results of the assessment, conclusions and recommendations for improving the quality of the educational process at KSMA.

The presented results are aimed at improving the quality of the educational process in the KSMA and are primarily a tool for determining the areas of application of efforts for the development of KSMA, and should not be used as a tool for punishment.

This chapter presents the descriptive and analytical report on the results of a survey of students of the Faculty of PM, which was held from May 1 to May 19, 2018 among students of KSMA from the 1st to the 6th year at all faculties (Order of the Rector of KSMA for No. P-42 of 2.05.2018).

The purpose of the study is to assess the satisfaction of students of the Faculty of HNE with the quality of the educational program in the specialty of Nursing

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The main objectives of the study

- assessment of the overall satisfaction of KSMA students with the quality of the educational program;
- determining the degree of student satisfaction with the curricula of various disciplines;
- formation the rating of the department on based of the result of the survey of students;
- develop of recommendations for improving the quality of the educational program and plan corrective and preventative activity.

RESEARCH METHODOLOGY: Evaluation method: a sociological survey using a specially developed questionnaire for the study of satisfaction and quality of disciplines (Appendix 1).

Rating scale: The assessment was made using the Likert scale (a question with a suggestion to indicate the degree of agreement or disagreement with a certain statement) for five possible answers:

1. I completely disagree
2. Disagree
3. I doubt it
4. I agree
5. I completely agree

The assessment of the degree of satisfaction of students was carried out, according to a summary assessment, calculated as the proportion of the sum of positive responses ("fully agree" and "agree"), from the maximum possible sum of responses.

In the summary assessment, the degree of student satisfaction of more than 80% was assessed as high, in the range from 50% to 80% - as average, less than 50% - as low.

For the convenience of processing the received data, the information input and processing were automated. As screen forms, we used the text of the questionnaires, directly created for the survey in the AVN program with the help of the questionnaire editor. In addition, an additional program was developed for displaying reports in the form of graphical data. The survey was conducted on the bases of the Center for the Development of Clinical Skills and Knowledge Assessment, the electronic library and the Department of Physics, Mathematics, Computer Science and Computer Technology of KSMA.

Selection: two-stage-cluster. The sample was formed according to the requirements of the organization of sociological research. The percentage distribution of questionnaires among groups of students is calculated in accordance to the number of students of all faculties. A 95% confidence probability was chosen with a confidence interval (error) of $\pm 4.9\%$;

Training courses	Number of students who took part in the survey
1-course	25
2- course	4
3- course	2
4- course	1
5- course	9
Total students	41

According to the report generated in the AVN system in the electronic survey, 41 students took part. Students of all courses of the Faculty of HNE took part in the evaluation of the curricula of various disciplines.

CHAPTER 1 ASSESSMENT OF STUDENTS ' SATISFACTION WITH THE QUALITY OF EDUCATIONAL PROGRAMS AT THE FACULTY OF HNE

When assessing the students' satisfaction with the quality of the educational programs of the Faculty of HNE, answers were received by concerning to the following aspects of quality in the context of individual disciplines:

1. The goals and objectives of the discipline were explained at the beginning of the course.
2. The division of the discipline into thematic sections was logical and consistent.
3. Lectures and practical tasks in the discipline corresponded to the set goals.
4. The content of the disciplines was clear.
5. At the end of the course, I received new theoretical knowledge that will help me in practice.
6. I am satisfied with the provision of methodological and educational literature on the discipline.
7. I am satisfied with the organization of independent work (IWS):
8. I believe that the final test exam in the discipline allows you to objectively evaluate the student's learning outcome.
9. I believe that the quality of training of specialists in the discipline is high

Figure 1 shows the average results obtained by adding the satisfaction index for the subjects studied by students of this faculty.

As can be seen from the figure, the average overall satisfaction of students of the Faculty of Pediatrics was 90%, which suggests that the satisfaction is high. At the same time, it should be pointed out that the explanation of the goals and objectives of the studied discipline, the significance of the competencies provided by it and the learning outcomes is estimated by students of this faculty at 95% (the highest indicator).

The majority of students of this faculty are satisfied with the logical and consistent division of the studied disciplines into thematic sections (91%). Also, the majority of students who participated in the survey believe that lectures and practical classes in their content corresponded to educational goals (91%).

Satisfaction with the clarity and accessibility of the material presented was 93%, while the majority of students indicated that the theoretical knowledge they received helped them in practice (94%).

90% of the surveyed students are satisfied with the final control of knowledge and believe that it is objective and transparent. Also, high satisfaction with the quality of training of specialists at the faculty was noted (94%).

Overall satisfaction	
I believe that the quality of training of specialists in the discipline is high	90

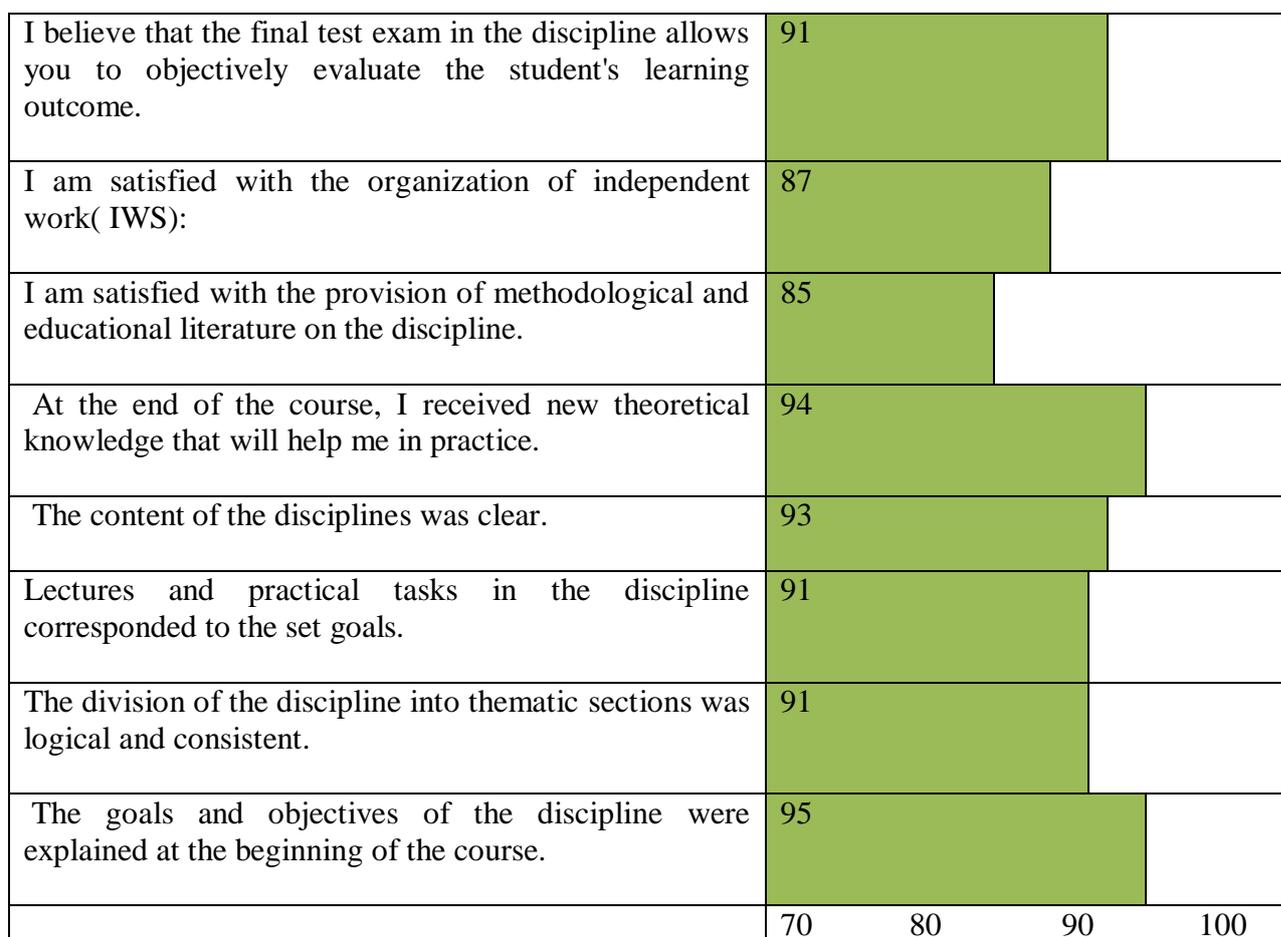


Fig. 1. Results of the assessment of satisfaction of students of the Faculty of HNE of the I. K. Akhunbayev KSMA with the quality of educational programs in the 2017-2018 academic year.

The lowest were the indicators of satisfaction with the organization of independent work of students (IWS) (87 %) and the provision of students with educational and methodological literature (85%), while the latter indicator was less than 80% and is considered as the average satisfaction.

Table 1.

Indicators of satisfaction of students of the faculty of Pediatric for all 9 questions of the questionnaire and the ranking in the context of the disciplines, elective courses (EC) and study practices.

№	Name of the discipline	% Satisfaction	Rating
1	Kyrgyz language	100	1
2	EC 5-course	100	1
3	Legal studies	100	1
4	Palliative care	100	1
5	Management psychology	100	1
6	Nursing patronage of a healthy family	99	2

	3-course.		
7	Psychology	99	2
8	Biology with elements of ecology	98	3
9	Microbiology	98	3
10	Normal physiology	98	3
11	Medical and social patronage	97	4
12	Medical psychology, psychiatry and narcology	97	4
13	Emergency care with the basics of resuscitation	97	4
14	Physical education 1-course	96	5
15	Russian language	96	5
16	Understudy of the chief nurse .	96	5
17	Nursing patronage of a healthy family 2-course.	96	5
18	Health assessment	93	6
19	Organization and management of nursing services	93	6
20	Leadership and management	93	6
21	First aid before medical treatment	94	4
22	Medical Psychology	93	5
23	Nursing process in the clinic	93	5
24	MMT-MA	93	5
25	Mathematics and computer science	92	6
26	Normal anatomy	92	6
27	Epidemiology with the basics of epidanalysis	92	6
28	Information activities on health protection and promotion	92	6
29	Philosophy	92	7
30	Anatomy with the basics of histology	91	8
31	Introduction to SD	90	9
32	SD in rehabilitation	90	9
33	Food hygiene	90	9
35	Pedagogical and adult psychology	89	11
36	Clinical nursing	89	11
37	Computer Science	87	12
38	Clinical pharmacology	87	12
39	Biostatistics	87	12
40	General hygiene	86	13
41	Pedagogy	86	13
42	Manas Studies	85	14
43	PH	85	12
44	Physical education 2-course	83	16
45	Healthy child pre-school and preschool age	83	16
46	Foreign language	82	17
47	Health economics	82	17
48	Marketing of medical services	82	17

49	Methodology of research in Nursing	81	18
50	Physics	80	19
51	Nursing in family medicine	78	20
52	Basic pharmacology	77	21
53	EC 2-course	76	22
54	Evidence-based medicine	74	23
55	Latin language	72	24
56	MMT-MA	71	25
57	Russian history and history of medicine	63	26

As shown in the table, the greatest satisfaction among students was caused by such disciplines as " Russian language", " Law",

" Palliative Care", " Management Psychology " and EC of the 5th year, students indicated that they were completely satisfied with these programs.

The average level of satisfaction is noted in such disciplines as Nursing in family medicine, Basic Pharmacology, Evidence-based Medicine, Latin, MMT – organization and tactics of the medical service and EC of the 2nd course. The lowest satisfaction was noted the discipline of domestic history and the history of medicine.

A detailed analysis of the students ' satisfaction with the teaching of the discipline Russian history and the history of medicine is presented in Figure 2.

As shown in the figure, the lowest satisfaction in this discipline was noted for the provision of educational and methodological literature (44% - low satisfaction).

Native history and the history of medicine	
I believe that the quality of training of specialists in the discipline is high	55
I believe that the final test exam in the discipline allows you to objectively evaluate the student's learning outcome.	67
I am satisfied with the organization of independent work(IWS):	55
I am satisfied with the provision of methodological and educational literature on the discipline.	44
At the end of the course, I received new theoretical knowledge that will help me in practice.	78
The content of the disciplines was clear.	78
Lectures and practical tasks in the discipline corresponded to the set goals.	53
The division of the discipline into thematic sections was	55

logical and consistent.		
The goals and objectives of the discipline were explained at the beginning of the course.	89	

Fig. 2. Results of the assessment of satisfaction of students of the Faculty of HNE of the I. K. Akhunbayev KSMA with the quality of educational programs in the discipline of Evidence-based medicine in the 2017-2018 academic year.

Thus, low satisfaction was noted in such aspects of the curriculum as the quality of lectures and practical classes, the consistency and consistency of the thematic sections of the discipline, the organization of independent work, while only 55% of respondents are satisfied with the quality of training specialists in this discipline.

CONCLUSION:

Thus, the conducted assessment of satisfaction of students of the Faculty of HNE with the quality of educational programs showed:

1. In general, high satisfaction of students of the Faculty of HNE with the quality of educational programs was noted at the level of 90 %.
2. The lowest were the indicators of satisfaction with the provision of students with educational and methodological literature (85%) and the organization of independent work of students (IWS) (87%), they were 80% and less considered as borderline with the average and average satisfaction.
3. The average level of satisfaction is noted in such disciplines as Nursing in family medicine, Basic Pharmacology, Evidence-based medicine, Latin, MMT organization and tactics of the medical service and EC of the 2nd course. The lowest satisfaction was noted in relation to the discipline of domestic history and the history of medicine.
4. Disciplines with an average level of satisfaction have a low level of satisfaction in certain indicators.

RECOMMENDATIONS AND MEASURES FOR CORRECTION AND PREVENTION:

1. EDM together with representatives of the department, the specialized EMC and the Library complex should pay attention the causes of low satisfaction with the discipline "Evidence-based Medicine" (satisfaction of 44%).
 1. EDM together with representatives of the department, the specialized EMC and the Library complex should pay attention of providing literature on the subject of national history and the history of medicine (satisfaction of 44%).

Questionnaire

Appendix 1

"Satisfaction of KSMA students with the quality of academic programs of disciplines"
 (The survey is conducted anonymously).

Dear student! The presence of feedback is very important for studying the quality of teaching disciplines and modules at the I. K. Akhunbayev KSMA. In this questionnaire, we ask you to mark the answers that most correspond to your opinion.

1. General information:

1.1. Specify your gender

1.2. What kind of student are you?

Male. _____

Budget _____

Female. _____

Contract _____

1.3. Indicate the faculty in the dropdown list

1.4. Indicate the course dropdown list

2. Please rate the curriculum of the discipline

Choose the appropriate discipline:

Dropdown list

Evaluation of the discipline's curriculum	I completely disagree	I disagree	I doubt it	I agree	I completely agree
The goals and objectives of the discipline were explained at the beginning of the course.	1	2	3	4	5
The division of the discipline into thematic sections was logical and consistent	1	2	3	4	5
Lectures and practical tasks on the discipline corresponded to the set goals	1	2	3	4	5
The content of the disciplines was clear	1	2	3	4	5
At the end of the course, I received new theoretical knowledge that will help me in practice.	1	2	3	4	5
I am satisfied with the provision of methodological and educational literature on the discipline.	1	2	3	4	5
I am satisfied with the organization of independent work(SRS): explained and provided advice.	1	2	3	4	5
I believe that the final test exam in the discipline allows to objectively evaluate the student's learning outcome.	1	2	3	4	5
I believe that the quality of training of specialists in the discipline is high	1	2	3	4	5

Thank you so much for your participation!