



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 PM 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

SEDM- Software for electronic document management

HEI- Higher education institution

SES- State Educational Standard

KSMA- I. K. Akhunbayev Kyrgyz State Medical Academy

EC- Elective courses (elective courses)

OTMS - Organization and tactics of the medical service

PM- Preventive Medicine

IWS- Independent work of students.

INTRODUCTION

In order to improve the quality of the educational process at KSMU and evaluate the curricula in the specialty “Preventive Medicine” (PM) of the Faculty of PM, 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 MPC with the quality of the educational program in the specialty of PM

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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 SEDM 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 in

accordance with 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-курс	50
2-курс	28
3-курс	29
4-курс	27
5-курс	31
Total students	165

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

When assessing the students' satisfaction with the quality of the educational programs of the Faculty of PM, answers were received concerning 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 PM was 86%, 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 93% (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 (90%). Also, the majority of students who participated in the survey believe that lectures and practical classes in their content corresponded to educational goals (87%).

Satisfaction with the clarity and accessibility of the material presented was 90%, while the majority of students indicated that the theoretical knowledge they received helped them in practice (86%).

83% 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 (86%).

Overall satisfaction		
9. I believe that the quality of training of specialists in the discipline is high	86	

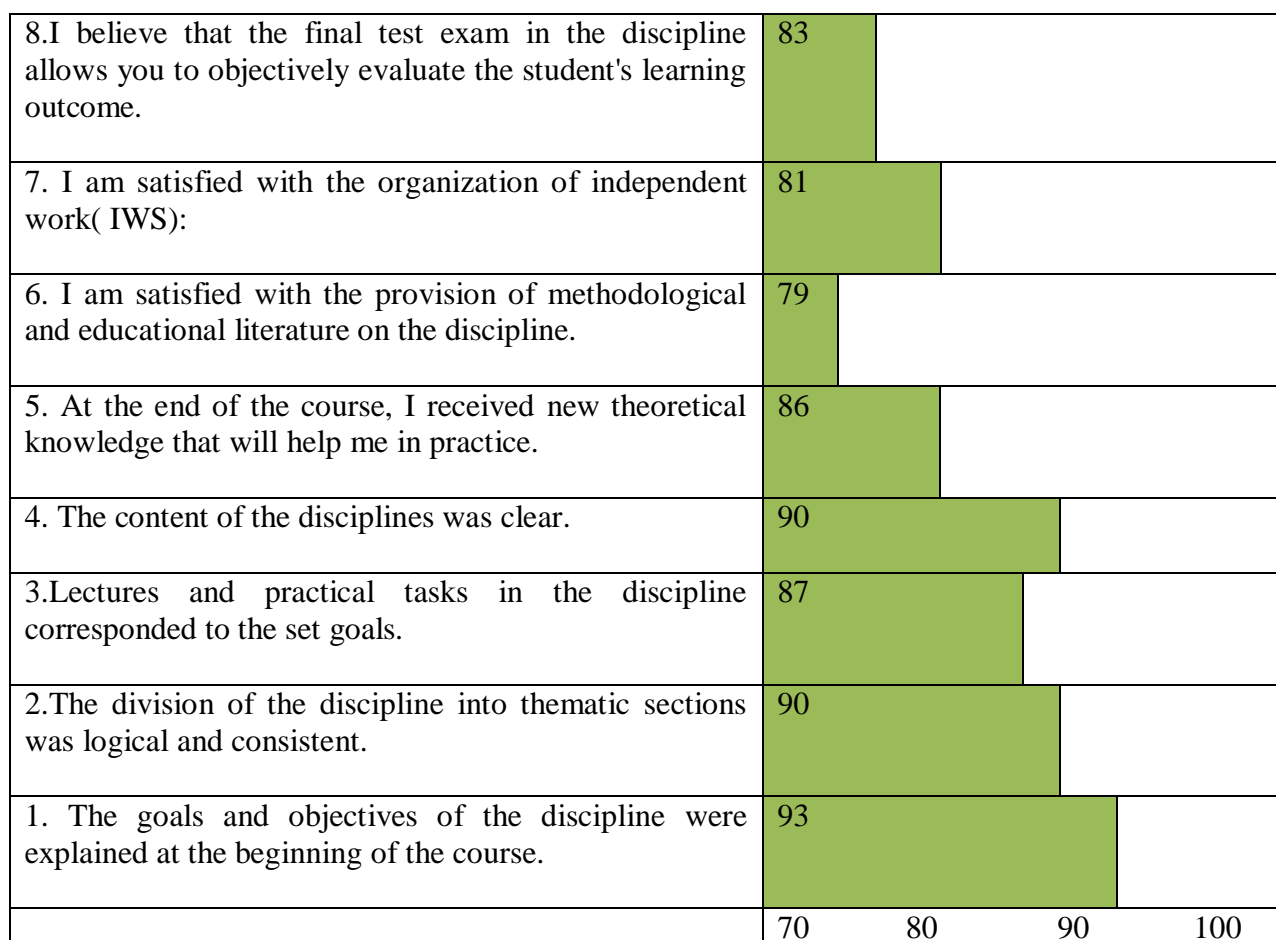


Fig. 1. The results of the assessment of the students' satisfaction with the quality of educational programs in the 2017-2018 academic year. The lowest were the indicators of satisfaction with the organization of independent work of students (IWS) (81%) and the provision of students with educational and methodological literature (79%), while the latter indicator was less than 80% and is considered as the average satisfaction.

Table 1 shows the summarized and averaged satisfaction indicators for all 9 questions of the questionnaire and the ranking in the context of the disciplines taught, elective courses (EC) and study practices .

Table 1.

Indicators of satisfaction of students of the faculty of MPC and ranking by the degree of satisfaction in the context of taught disciplines, elective courses (EC) and conducted practices.

№	Name of the discipline	% Satisfaction	Rating
1	Biochemistry	100	1
2	Histology	100	1
3	Legal studies	100	1
4	Microbiology	97	2
5	Urology	97	2
6	Food Hygiene 4k	97	2
7	Fundamentals of forensic medicine	97	2
8	Psychology	97	2

9	Communal hygiene 3 k	97	2
10	General hygiene	97	2
11	Occupational Health 4k	96	3
12	Physical education 1 k	96	3
13	Hygiene of children 3k	96	3
14	Military hygiene (MH)	95	3
15	Radiation hygiene 4k	95	3
16	Hygiene of children 4k	95	3
17	Ophthalmology	94	4
18	Normal anatomy	94	4
19	Manas studies	94	4
20	Biology with the basics of ecology	94	4
21	Chemistry	94	4
22	Surgical diseases	93	5
23	Municipal hygiene 4th year	93	5
24	Radiation hygiene course 5	93	5
25	Phthisiology	92	6
26	Foreign language	92	6
27	Children's diseases	92	6
28	Bioethics	92	6
29	Mathematics	91	7
30	MMT(military medical training)	91	7
31	Russian language 1 course	91	7
32	EC 4 K (elective course)	91	7
33	Traumatology and orthopedics	89	8
34	Medical supervision and physical therapy	88	9
35	Internal diseases 3 course	88	9
36	Food hygiene course 5	87	10
37	Medical Ecology	86	11
38	Philosophy	86	11
39	Nervous diseases	86	11
40	Infectious diseases	85	12
41	Physical education 2nd year	84	13
42	Computer science	84	13
43	Oncology	83	14
44	MMT	83	14
45	Occupational diseases	83	14
46	Dermatovenereology	82	15
47	Otolaryngology	82	15
48	Internal diseases 3 course	82	15
49	Obstetrics and gynecology	82	15
50	Internal diseases 2 course	81	16
51	Russian language 2nd year	80	17
52	Hygiene of children and adolescents	80	17
53	Pharmacology	79	18
54	Children's infectious diseases	78	19
55	Evidence-based medicine	77	20
56	Fundamentals of psychiatry and narcology	77	20

57	General epidemiology	76	21
58	Radiation diagnostics	76	21
59	General pathology of pat physiol.	69	22
60	Kyrgyz language	69	22
61	Economy	66	23
62	EC 5 course	64	24
63	History of medicine	63	25
64	Russian History	61	26
65	General pathology of pat anatomy of	55	27
66	PH (Public Health)	55	27
	Average satisfaction of the subjects	86	

As shown in the table, the greatest satisfaction among students was caused by such disciplines as Biochemistry, Histology, Law, Microbiology, Urology, Food Hygiene, Fundamentals of Forensic Medicine, Psychology, Communal Hygiene 3k, General Hygiene.

The average level of satisfaction is noted in such disciplines as Pharmacology, Children's infectious diseases, Evidence-based medicine, Fundamentals of Psychiatry and Narcology, General Epidemiology, Radiation diagnostics, General Pathology of pat phys., Kyrgyz language, Economics, EC the 5th year, History of Medicine, National history, General Pathology of pat. anatomy, PH.

There were no disciplines with a low level of satisfaction.

CONCLUSION:

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

1. In general, there was a high level of satisfaction of students of the Faculty of PM with the quality of educational programs at the level of 86%.
2. Although the lowest rates indicators was the methodological literature (79%) and the organization of independent work of students (IWS) (81%), they were more than 80% and close to high of satisfaction with the provision of students
3. The average level of satisfaction is noted in such disciplines as Pharmacology, Children's infectious diseases, Evidence-based medicine, Fundamentals of Psychiatry and Necrology, General epidemiology, Radiation diagnostics, General Pathology of pat phys., Kyrgyz language, Economics, EC 5th year, History of Medicine, National history, General pathology of pat. anatomy, PH.

RECOMMENDATIONS AND MEASURES FOR CORRECTION AND PREVENTION:

EMD together with representatives of the department, the specialized EMC and the Library complex should pay attention to the issue of the availability of literature at this faculty.

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
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Thank you so much for your participation!