



**KYRGYZ STATE MEDICAL ACADEMY I.K.AKHUNBAEV**

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**Analytical report**  
**based on the results of evaluation satisfaction with student's academic program of**  
**the faculty of Pharmacy KSMA I. K. Akhunbaev**  
**for the 2017-2018 academic year.**

**The report prepared**  
**Employees of the education Quality of Management Department**

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## **LIST OF ABBREVIATIONS AND TERMS**

AVN	– Software for electronic document management
HEB	– High Educational Institution
SES	– State Educational Standard
KSMA	– Kyrgyz State Medical Academy
ECCh	– 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 educational programs of ‘Pharmacy’ specialty of the Faculty of pharmacy, in 2017-2018 academic year, students' satisfaction with the quality of educational programs was assessed.

This report presents the results of the assessment, conclusions and recommendations. recommendations for improving the quality of the educational process in KSMA Presented results of the focus of quality improvement educational process in the KSMA and are primarily a tool for determining the areas of application of efforts to develop the KSMA, and should not be used as a tool for punishment.

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

The purpose of the study is to assess the satisfaction of students of the faculty of Pharmacy quality of the educational program Pharmacy specialty.

Main research objectives:

- assessment of the overall satisfaction of KSMA students with the quality of the educational program;
- determining the degree of student satisfaction with academic plans of various disciplines;
- formation of a rating of departments based on the results of a student's survey;
- develop recommendations for improving the quality of the educational program and plan corrective and preventive measures.

## RESEARCH METHODOLOGY:

Evaluation method: a social survey using a specially designed questionnaire on joking satisfaction with the quality of disciplines

{Appendix 1).

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

1. Totally disagree
2. don't agree
3. doubt
4. agree
5. totally agree

Assessment of the degree of student satisfaction was carried out according to a consolidated assessment, calculated as the specific weight of the sum of positive responses ("completely agree" and "agree"), from the maximum possible sum of responses.

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

For the convenience of processing the received data, automatic data entry and processing was performed. As on-screen forms, used the text of questionnaires directly created for the survey in the AVN program using the questionnaire editor. Additionally, an additional program has been developed for displaying reports in the Graphical data center. The survey was conducted on the basis 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 Technologies of KSMA

Selection: two-stage-cluster. The sample was formed in accordance with the requirements of the organization of sociological research. The percentage ratio of the distribution of questionnaires among groups of students is calculated in accordance with the number of students of all faculties. 95 % confidence interval with a top-of-the-line probability (margin of error) + 4,9%;

Course of earning	Number of students Took part in the survey
1 course	71
2-course	25
3 courses	30
4-course	31
5-course	65
<b>Total of students</b>	<b>222</b>

According to the report generated the AVN electronic system, 363 students participated. Students of all courses of the faculty participated in the evaluation of educational programs of various Pharmacy disciplines.

## **CHAPTER 1 SATISFACTION LEVELS OF THE FACULTY OF PHARMACY THE QUALITY OF EDUCATIONAL PROGRAMS**

When assessing student satisfaction with the faculty of Pharmacy of the quality of educational program received answers concerning the following aspects of quality of the context of individual disciplines:

1. The goals and objectives of discipline are explained at the beginning of the course.
2. The division of disciplines for 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 is very clear.
5. At the end of the 1 disciplines, gained new theoretical knowledge helped me in practice.
6. Satisfied with the provision of methodological and educational literature of the discipline.
7. Satisfied with the organization of independent work: explained
8. Consider the final test exam in the discipline allows you to objectively assess the student's learning outcome.
9. Consider the quality of training of specialists in the discipline is high

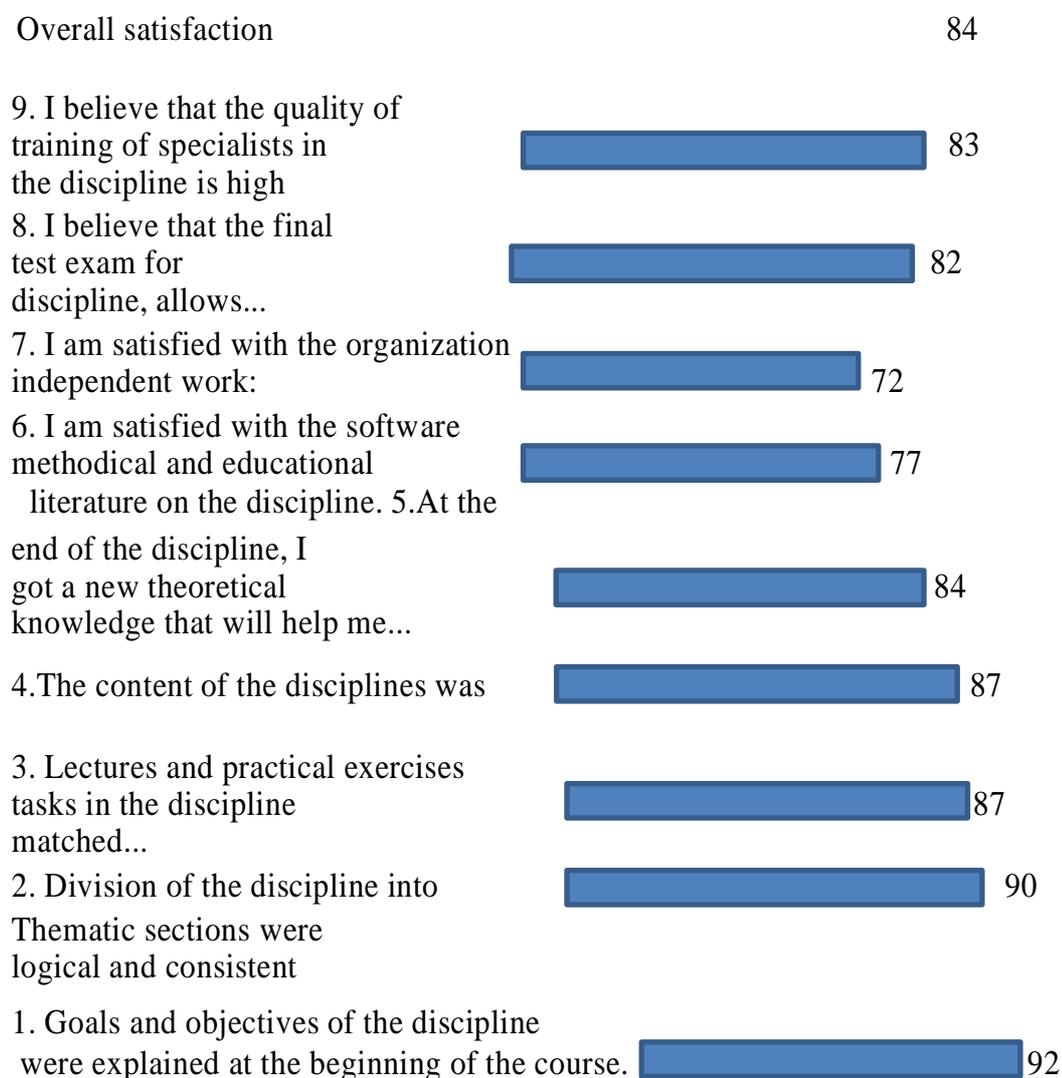
Figure 1 shows the average results obtained by adding up the satisfaction index for the subjects taught by students of this faculty.

As shown in the figure, the average overall satisfaction of students of the faculty Pharmacy accounted for 84%, which suggests, the satisfaction is high. At the same time, it should be pointed out the explanation of the goals and objectives of the discipline studied, the significance of the competencies provided by it, and the learning outcomes is estimated by students of this faculty at 90% (the highest indicator).

The overwhelming majority of students of this faculty are satisfied with the logical and consistent division of the subjects studied into thematic sections (90%). Also, the majority of students who participated in lectures and practical exercises in their content corresponded to educational goals (87%).

Satisfaction with the clarity and accessibility of the presented material was 89%, while the majority of students indicated the theoretical knowledge gained helped them in practice - (84%).

82% of the surveyed students are satisfied with the level of knowledge control and believe it is objective and transparent. Also, high satisfaction with the quality of training of specialists at the faculty was noted (83%).



**Figure 1. Results of student satisfaction assessment of the Faculty Pharmacy of the KSMA I. K. Akhunbaev by the quality of educational programs in the 2017-2018 academic year.**

The lowest indicators of satisfaction with the organization of independent work of students were found (72%) and the provision of students with educational and methodical literature (77%), while the indicators were less than 80 % and are considered as average satisfaction.

Table 1 shows the combined and averaged satisfaction indicators for all 9 questions of the questionnaire and the ranking in the context of taught subjects, elective courses and conducted internships.

Table 1.

**Student satisfaction indicators of the Faculty of Pharmacy and ranking according to the degree of satisfaction in the context of subjects taught, elective courses and practices conducted.**

№	Name of the discipline	satisfaction of the discipline	Rank
1	Normal physiology	97	1
2	Physical Colloid chemistry - 2k	96	2
3	Organic chemistry	96	2
4	Physical education - 2 K.	95	3
5	Medical and pharmaceutical commodity	94	4
6	Microbiology	93	5
7	Psychology	93	5
8	Pharmacy management and marketing	92	6
9	Технология Drug technology средств - 4k	92	6
10	Pharmaceutical chemistry -4k	92	6
11	Normal anatomy	91	7
12	Drug technology - Zk	91	7
13	Pharmacy Management and Economics фармации - 5 K.	91	7
14	Chemistry	91	7
15	Biochemistry 2-k	91	7
16	Pharmacology	90	8
17	Ecology	90	8
18	Fundamentals of pharmacotherapy and clinopharma - 4k	90	8
19	Pharmacognosy - 4k	90	8
20	Pharmacy management and economics - 4k	89	9
21	General hygiene	89	9
22	ECCh -1 K.	88	10
23	Social pharmacy	88	10
24	Pharmaceutical chemistry -Zk	88	10
25	Analytical chemistry	87	11
26	Bioethics	87	11
27	Fundamentals of pharmacotherapy and clinopharma - 5k	87	11
28	Resource management	86	12
29	Physical culture - 1 k	86	12
30	Physical Colloid chemistry - lc	86	12
31	ECCh-2 k	85	13
32	ECCh - 4 k	85	13
33	Pharmacoeconomics and pharmacoepidemiology	85	13
34	Pharmacognosy - Zk	85	13
35	Parasitology	84	14

36	Toxicological chemistry - 4k	84	14
37	Biology with the basics of ecology	84	14
38	Russian Russian	83	15
39	Toxicological chemistry - 5k	82	15
40	Kyrgyz language - 2k	82	15
41	VMP-ORP	81	16
42	ECCh - Zk	81	16
43	Botany	81	16
44	Standardization and quality control of dosage forms	79	17
45	Biotechnology	78	18
46	Biopharmacia	78	18
47	ECCh -5k	77	19
48	VMP VTMZ	74	20
49	National history, history of medicine	73	21
50	Kyrgyz language - 1k	73	21
51	Biochemistry 3-k	73	21
52	Mathematics and Computer Science	71	22
53	Physics	69	23
54	Philosophy	68	24
55	VMP-OTMC	66	25
56	Latin Language	63	26
57	Evidence -based medicine	62	27
58	Manas Studies	60	28
	Average in all disciplines	84	

As shown in the table, the top five students with the highest satisfaction ratings included such discipline as Normal Pathology, Pathological chemistry - 2k, Organic chemistry, Pharmaceutical culture - 2 K., Medical and pharmaceutical commodity science, Microbiology, Pestology. The average level of satisfaction is noted in such disciplines as, Standardization and quality control of dosage forms, Biotechnology, Bio pharmacy, ECCh -5k, VMP\_VTMZ, Domestic history, history of mediastinal, Kyrgyz language - 1k, Biochemistry 3-k, Mathematics and Computer Science, Physics, Philosophy, VMP-OTMC, Latin language, Evidence -based medicine, Manas studies.

There were no subjects with a low level of satisfaction.

## **CONCLUSION:**

Thus, the assessment of student's satisfaction of the Faculty of Pharmacy with the quality of educational programs showed:

1. In general, students of the Faculty of Pharmacy were highly satisfied with the quality of educational programs at the level of 84%.
2. The lowest indicators of satisfaction with the provision of students with educational and methodical literature were found (77%) and the organization of independent work of students (72%), they are less than 80% and rated as an average level of satisfaction.
3. The average level of satisfaction is noted in such disciplines as, Standardization and quality control of dosage forms, Biotechnology, Biopharmacia, ECCh -5k, VMP VTMZ, Domestic history, history of mediastinal, Kyrgyz language - lk, Biochemistry 3-k, Mathematics and Computer Science, Physics, Philosophy, VMP-OTMC, Latin language, Evidence -based medicine, Manas studies.

## **RECOMMENDATIONS AND ACTIVITIES OF CORROSION:**

1. UMO, together with representatives of the department, the specialized UMPC and the Library Complex, should pay attention to the issue of providing literature and organizing IWS at this faculty.

**Questionnaire**  
**" KSMA students' satisfaction with the quality of academic programs of disciplines"** (The survey is conducted anonymously).

Dear student, Feedback is very important for studying the quality of teaching disciplines and modules at the KSMA named after I. K. Akhunbayev. In this questionnaire, please select the most appropriate answer options Your opinion.

## 1. General information:

- 1.1. Specify Your gender  MAIL.  FEMAIL.  
 1.2. What kind of student вы are you?  budget  Contract  
 1.3. Specify the faculty Drop -down list  
 1.4. Specify the course Drop -down list

## 2. Please rate the curriculum of the discipline

Choose the appropriate discipline:

Drop -down list

№.	Evaluation of the curriculum	totally disagree	Don 't agree	I doubt it	I agree	I completely agree
	goals and objectives of the discipline objectives of the discipline were explained at the beginning of the course.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	The division of the discipline into thematic sections was logical and consistent	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	Lectures and practical tasks of the discipline corresponded to the set goals	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	The content of the disciplines was clear.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	At the end of the course, I received new theoretical knowledge that will help me in practice.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I am satisfied with the provision of methodological and educational literature on the discipline.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I am satisfied with the organization of independent work: explained and provided advice.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

	I believe that the final test exam in the discipline allows you to objectively assess результат обучения the student's learning outcome.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I believe that the quality of training of specialists in the discipline is high	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

**Thank you so much for your participation!**