

**Attestation procedure
in the internship in quality control of medicines
for students for students in 2020 admission
according to the educational program
specialist degree
in the specialty of training 33.05.01 Pharmacy
direction (profile) Pharmacy,
form of study full-time (face to face)
for the 2024-2025 academic year**

1. General principles of calculating the discipline rating

The industrial practice rating is an individual assessment of a student's industrial practice, which consists of a rating of intermediate certification, bonuses and penalties.

2. Calculation of the intermediate assessment rating

The intermediate certification in the discipline is carried out in the form of a credit with an assessment and includes the following types of tasks: performing practical tasks, checking and evaluating practice reports, checking and evaluating completed individual tasks.

The teacher evaluates the assignments based on the criteria presented below (Table 1) on a classical 5-point scale, where:

2 – unsatisfactory;

3 – satisfactory;

4 – good;

5 – excellent.

Table 1

Criteria for the current certification forms used

Task type	Evaluation criteria	Rating on a 5-point scale			
		5	4	3	2
Assessment of the development of practical skills	• Knowledge of the theoretical foundations of the skill performance	knowledge	knowledge	uncertain knowledge	absence of knowledge
	• Compliance with the technique of performing the skill and the success of the result	compliance, successful result	compliance with minor inaccuracies, a successful result	completing the skill only after the teacher's correction is a successful result	an attempt to perform a skill that does not lead to a successful result, refusal to perform the skill
	• Confidence and stability of skill performance	confidence and stability	absence of confidence in the overall stability	uncertainty, repetition of mistakes when replaying a skill	

Conversion of the student's rating calculated in a 5-point system to a score based on a 100-point system. The transfer is made according to table 2.

Table 2

Conversion to a 100-point rating system

The average score according to the 5-point system	Score according to the 100-point system	The average score according to the 5-point system	Score according to the 100-point system	The average score according to the 5-point system	Score according to the 100-point system	The average score according to the 5-point system	Score according to the 100-point system
5,00	100	3,45	70	2,48	40	2,09	10
4,95	99	3,40	69	2,46	39	2,08	9
4,90	98	3,35	68	2,44	38	2,07	8
4,85	97	3,30	67	2,42	37	2,06	7
4,80	96	3,25	66	2,40	36	2,05	6
4,75	95	3,20	65	2,38	35	2,04	5
4,70	94	3,15	64	2,36	34	2,03	4
4,65	93	3,10	63	2,34	33	2,02	3
4,60	92	3,05	62	2,32	32	2,01	2
4,5	91	3,00	61	2,30	31	2,00	1
4,47	90	2,98	60	2,29	30		
4,43	89	2,95	59	2,28	29		
4,40	88	2,93	58	2,27	28		
4,37	87	2,90	57	2,26	27		
4,33	86	2,88	56	2,25	26		
4,30	85	2,85	55	2,24	25		
4,27	84	2,83	54	2,23	24		
4,23	83	2,80	53	2,22	23		
4,20	82	2,78	52	2,21	22		
4,17	81	2,75	51	2,20	21		
4,13	80	2,73	50	2,19	20		
4,10	79	2,70	49	2,18	19		
4,07	78	2,68	48	2,17	18		
4,03	77	2,65	47	2,16	17		
4,00	76	2,63	46	2,15	16		
3,90	75	2,60	45	2,14	15		
3,80	74	2,58	44	2,13	14		
3,70	73	2,55	43	2,12	13		
3,60	72	2,53	42	2,11	12		
3,50	71	2,50	41	2,10	11		

The quality of the student's reporting documents (the practice diary and the report on the results of individual assignments) is evaluated by the teacher in accordance with the criteria (see Table 3). The minimum score is 61.

Table 3

Evaluation criteria	Rating score
The report on the results of individual assignments has not been submitted. The practice diary has not been submitted.	0-20
The report on the results of individual assignments has been submitted, but it was completed with gross errors in content and design. The practice diary has been submitted, but it has gross errors in content and design.	21-40
The report on the results of individual assignments has been submitted, but it was completed with significant errors in the content, while the design comments are insignificant. The practice diary has been submitted, but it has significant errors in the content, while the design comments are insignificant.	41-60
The report on the results of individual assignments has been submitted, 2-3 minor errors of content have been made, while the design comments are insignificant. The practice diary is completed, has 2-3 minor errors, the content is insignificant, while the design comments are insignificant.	60-80
The report on the results of individual assignments has been submitted, completed without errors in content, and design comments are insignificant or absent. The practice diary has been submitted, has no errors in the content, and the design notes are insignificant or absent..	81-100

The assessment of the student's level of formation of the necessary competencies is carried out on a 100-point scale according to the criteria in table 4.

Table 4

Criteria for evaluating the results of protecting the report based on the results of individual assignments

Response characteristics	ECTS Assessment	Points in the BRS	The level of competence formation in the discipline
A complete, detailed answer to the question is given, and the totality of conscious knowledge about an object is shown, manifested in the free operation of concepts, the ability to identify its essential and non-essential features, and cause-and-effect relationships. Knowledge about the object is demonstrated against the background of its understanding in the system of this science and interdisciplinary connections. The answer is formulated in terms of science, presented in literary language, logical, evidence-based, demonstrates the author's position of the student. The student demonstrates a high advanced level of competence formation. The intermediate certification has been completed.	A	100-96	high
A complete, detailed answer to the question is given, the totality of conscious knowledge about the object is shown, the main provisions of the topic are evidently revealed; a clear structure and logical sequence can be traced in the answer, reflecting the essence of the concepts, theories, and phenomena being disclosed. Knowledge about an object is	B	95-91	

demonstrated against the background of its understanding in the system of this science and interdisciplinary connections. The answer is presented in literary language in terms of science. There may be errors in the definition of concepts, corrected by the student himself in the process of responding. The student demonstrates a high level of competence formation. The intermediate certification has been completed.			
A complete, detailed answer to the question is given, the ability to identify essential and non-essential signs, cause-and-effect relationships is shown. The answer is clearly structured, logical, and presented in literary language in terms of science. There may be mistakes or minor mistakes that are corrected by the student with the help of the teacher. The student demonstrates an average increased level of competence formation. The intermediate certification has been completed.	C	90-81	medium
A complete, detailed answer to the question is given, the ability to identify essential and non-essential signs, cause-and-effect relationships is shown. The answer is clearly structured, logical, and presented in terms of science. However, minor errors or omissions were made, corrected by the student with the help of "leading" questions from the teacher. The student demonstrates an average sufficient level of competence formation. The intermediate certification has been completed.	D	80-76	
A complete but insufficiently consistent answer to the question is given, but at the same time the ability to identify essential and non-essential signs and cause-and-effect relationships is shown. The answer is logical and stated in terms of science. There may be 1-2 mistakes in defining basic concepts that the student finds difficult to correct on their own. The student demonstrates a low level of competence formation. The intermediate certification has been completed.	E	75-71	low
An insufficiently complete and insufficiently detailed answer has been given. The logic and sequence of the presentation have violations. Mistakes were made in the disclosure of concepts and the use of terms. The student is not able to independently identify essential and non-essential signs and cause-and-effect relationships. A student can concretize generalized knowledge by proving its main points by examples only with the help of a teacher. Speech design requires corrections and corrections. The student demonstrates an extremely low level of competence formation. The intermediate certification has been completed.	E	70-66	
An incomplete answer is given, and the logic and sequence of the presentation have significant violations. Gross errors were made in determining the essence of the disclosed concepts, theories, and phenomena, due to students' misunderstanding of their essential and nonessential features and connections. There are no conclusions in the response. The ability to reveal specific manifestations of generalized knowledge is not shown. Speech design requires corrections and corrections. The student demonstrates a threshold level of competence formation. The intermediate certification has been completed.	E	65-61	THRESHOLD

An incomplete answer is given, representing scattered knowledge on the topic of the question with significant errors in definitions. There is fragmentary and illogical presentation. The student is not aware of the connection of this concept, theory, phenomenon with other objects of the discipline. There are no conclusions, concretization, and evidence-based presentation. The speech is illiterate. Additional and clarifying questions from the teacher do not lead to a correction of the student's answer not only to the question posed, but also to other questions of the discipline. There is no competence. The intermediate certification has not been completed.	Fx	60-41	COMPETENCE ABSENT
No answers have been received on the basic questions of the discipline. The student does not demonstrate indicators for achieving competence formation. There is no competence. The intermediate certification has not been completed.	F	40-0	

3. Rating of bonuses and penalties

Bonuses and penalties are awarded according to a 100-point system. The criteria for bonuses and penalties are given in table 5.

Table 5.

Discipline bonuses and penalties

<u>Bonuses</u>	Name	Scores
Student research work (except for those carried out as part of the internship)	Training and research work by practice sections	Up to + 5.0
Scientific work of the department	Participation in the scientific work of the department	Up to + 5.0
<u>Penalties</u>	Name	Scores
Disciplinary	Failure to attend the safety briefing on time	-2,0
	Missing a practical training session without a valid excuse	- 2,0
	Systematic late arrivals to practical classes	- 1.0
Causing material damage	Damage to equipment and property	- 2,0

4. Calculation of the rating based on production practice

The rating of internship in quality control of medicines is calculated according to the formula:

$$R_{prac} = R_{ia} + R_b + R_p$$

Where R_{prac} – rating by production practice;

R_{ia} – Intermediate practice assessment rating;

R_b – bonuses;

R_p – penalties.

The final score calculated in the 100-point system is transferred to the "credited - not credited" system according to Table 6.

Table 6

Final assessment of the discipline			
100-point rating system	5-point rating system (for a test with an assessment, an exam)		ECTS assessment
100-96	5	Excellent	A
95-91			B
90-81	4	Good	C
80-76			D
75-71	3	Satisfactory	E
70-66			
65-61			
60-41	2	Unsatisfactory	Fx
40-0			F

Considered at the meeting of the department of Pharmaceutical and Toxicological Chemistry, pharmacognosy and botany "30" May 2025, protocol No1

Head of the Department



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