

**Procedure for conducting attestation
in discipline «Hygiene»
for students of 2024 year of admission
under the educational programme
33.05.01 Pharmacy,
specialisation (profile) Pharmacy
(Specialist's),
form of study full-time
for the 2025-2026 academic year**

1. General principles for calculating the rating in the discipline

The rating for a discipline is an individual assessment of the student's study of the discipline, which consists of the rating for the entire period of study of the discipline (preliminary rating) and the rating of the intermediate attestation.

2. Calculation of preliminary rating components

2.1. General principles

The discipline is studied over the course of one semester (the third), therefore the preliminary rating for the discipline for the entire period of study (R_{prel}) corresponds to the semester rating of the discipline in the third semester (R_{sem}):

$$R_{prel} = R_{sem}$$

The semester rating of a discipline is calculated using the formula:

$$R_{sem} = (R_{current} + R_{siw}) / 2 + R_b - R_p$$

where $R_{current}$ is the current rating for the discipline,

R_{siw} is the rating of the student's independent work within the discipline,

R_b is the bonus rating,

R_p is the penalty rating.

2.2. Calculation of the rating of the student's independent work in the semester (R_{cpo})

The IWS rating in a semester corresponds to the student's assessment for completing the essay.

Instructions for completing independent work by a student:

Independent work of students includes independent study of individual topics provided for by the work program.

Form of student reporting - preparation of an essay.

1. A separate abstract is prepared for each topic of independent work.
2. Each abstract is completed by the student individually.
3. The number of pages in the abstract is not less than 12.
4. The title page indicates the topic of the work, the full name and group number of the student who completed the work.
5. Abstract formatting: Times New Roman font (14 pt), justified alignment, paragraph indentation 1.25 cm, line spacing 1.15; margins on the left 2.5 cm, others - 2.0 cm; page numbers at the bottom right; section titles in the middle in bold; do not use word hyphenation.
6. The title page includes: the name of the educational institution, department, discipline, topic of the abstract, course, group, faculty, full name of the student, teacher, city and year of writing the abstract.

7. Sections of the abstract: table of contents, introduction (includes the relevance of the topic, the purpose of the work), the main part (sections are numbered in Arabic numerals: 1.1.; 1.2), conclusion, list of references (designed according to the current GOST, at least 5 sources, from 2014), appendices (if necessary).

8. Independent work is submitted personally to the teacher in printed form.

Each topic of independent work is assessed from 3 to 5 points, work assessed below 3 points is not counted and requires revision by the student.

Scoring for students' independent work

The work is not submitted, not submitted in full, the work does not correspond to the topic of independent work - 2

The work is submitted in full, but it contains more than 2 gross thematic errors or more than 1 key question of the topic of independent work is missed - 3

The work is submitted in full, but it contains 1-2 gross thematic errors or 1 key question of the topic of independent work is missed - 4

The work is submitted in full, it does not contain gross thematic errors, key questions of the topic of independent work are not missed - 5

At the end of each study, the student's Rcpo is calculated and the calculated value is converted to a 100-point scale according to Table 3. An Rcpo value of more than 61 points is considered to be the absence of current debt.

2.3. Calculating the current rating in the semester

The current semester rating ($R_{current}$) is calculated as the arithmetic average of all the grades received by the student during the semester of studying the discipline when performing the tasks of the current academic performance control, which include the following types of tasks: solving situational tasks, control work, interview on control issues. The teacher evaluates the completion of tasks in each seminar-type lesson based on the criteria presented below (Table 1) on a classic 5–point scale, where: 2 – unsatisfactory; 3 - satisfactory; 4 – good; 5 – excellent.

2.3. Calculation of the student's independent work rating in the semester (R_{siw})

The SIW rating in the semester corresponds to the student's assessment for completing the SIW electronic training course in this discipline on the electronic information and educational portal of the Federal State Budgetary Educational Institution of Higher Medical Education of the Ministry of Health of the Russian Federation. One semester of study of the discipline includes the implementation of one e-learning course SIW.

The SIW is evaluated based on the criteria presented below (Table 2) on a classical 5-point scale, where:

2 – unsatisfactory;

3 – satisfactory;

4 – good;

5 – excellent

Table 2

SIW Evaluation criteria

Task type	Evaluation criteria	Rating on a 5-point scale			
		5	4	3	2
SIW in the form of an electronic course on the e-learning VolgSMU	Meeting deadlines for work completion	complied with	complied with	complied with	not complied with
	Completeness of the study of the material that is not subject to evaluation	studied in full	studied in full	studied in full	studied not in full

	(watching presentations, videos)				
	<ul style="list-style-type: none"> Completing the tasks of the evaluation parts of the ECM and the control section 	> 4,50	4,00 – 4,49	3,00 – 3,99	< 3,00

At the end of each study, the student's Rsiw is calculated and its calculated value is converted to a 100-point scale according to Table 3.

The absence of current debt is considered to be an Rrr value of more than 61 points.

2.4. Transfer of the current rating and the SRO rating to the 100-point system

At the end of the semester, the student's current rating and SRO rating, calculated in a 5-point system, are converted to a score based on a 100-point system. The transfer is made according to Table 3.

Table 3

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		

2.5. 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 4.

Table 4

Discipline bonuses and penalties

Бонусы	Наименование	Баллы
ERSW	Educational and research work on the topics of the subject under study	до + 5,0
Scientific research work	Certificate, diploma, diploma, etc. of the participant of the Department of MNO	до + 5,0
Penalties	Name	Score
Disciplinary measures	Пропуск без уважительной причины лекции или практического занятия	- 2,0
	Failure to complete assignments in practice classes	- 2,0
	Systematic lateness to lectures or practical exercises	- 1,0
	Violation of safety regulations	- 2,0
Causing material damage	Damage to equipment and property	- 2,0

3. 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: an interview on questions for the intermediate certification, solving a situational problem.

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 5.

Table 5

Criteria for assessing the level of assimilation of the discipline's material and the formation of competencies

Response characteristics	ECTS	Points in the SRS	The level of competence
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	Assessment		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. Intermediate certification passed	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 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.	B	95-91	
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	E	70-66	

completed.			
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	

4. Calculation of the final rating for the discipline

The final grade in the discipline (Rd) is calculated using the formula:

$$R_d = (R_{prel} + R_{ia}) / 2$$

The final score calculated in a 100-point system is converted to a 5-point system according to Table

6.

Table 6

Final assessment of the discipline

Оценка по 100-балльной системе	5-point rating system		ECTS Assessment
96-100	5	excellent	A
91-95			B
81-90	4	good	C
76-80			D
61-75	3	satisfactor	E
41-60	2	unsatisfactory	Fx
0-40			F

Considered at the meeting of the Department of General Hygiene and Ecology of the Grigorenko Institute of Public Health, Protocol No. 10 dated May 23, 2025.



Head of the Department

N.I. Latyshevskaya