

Procedure of intermediate attestation and calculation of the rating for BOTANICS EDUCATIONAL PRACTICE

for students of speciality 33.05.01 Pharmacy in 2023-2024 academic year

Developed on the basis of the "Regulations on the point-rating system of evaluation of students' progress in the Federal State Budgetary Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Health of the Russian Federation" (Order No. 381-KM dated 16 March 2017) and "Regulations on the forms of periodicity and the order of current control of academic progress and interim attestation of students, as well as the expulsion of students in the Federal State Budgetary Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Health of the Russian Federation.

"Regulations on the forms, frequency and procedure of current control of academic progress and interim attestation of students, as well as on the expulsion of students in FSBEI VO VolgGMU of the Ministry of Health of Russia" (adopted at the meeting of the Academic Council of FSBEI VO VolgGMU of the Ministry of Health of Russia on 15 February 2017, protocol No. 6).

1.3 Procedure for current and interim certification of the practice module

Developed on the basis of the "Regulations on the point-rating system of evaluation of students' progress in the Federal State Budgetary Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Health of the Russian Federation" (order of implementation No. 381-KM dated 16.03.2017) and "Regulations on the forms of periodicity and the order of current control of academic progress and interim certification of students, as well as on the expulsion of students in the Federal State Budgetary Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Health of the Russian Federation.

"Regulations on the forms, frequency and procedure of current control of academic progress and interim attestation of students, as well as on the expulsion of students in FSBEU HE VolgGMU of the Ministry of Health of Russia" (adopted at the meeting of the Academic Council of FSBEU HE VolgGMU of the Ministry of Health of Russia 15.02.2017, Protocol №6).

Training on practice in the volume of 108 hours is carried out during one semester (fourth semester). The programme of practice is divided into 6 modules and is conducted during 12 days.

Intermediate attestation on practice is a credit with a grade.

The main criteria for the evaluation of the training practice:

- compliance of the submitted report documents with the requirements for their scope and content;
- assessment of the student's work results by the direct
- supervisor of the internship from the organisation at the place of its completion;
- compliance of the completed work with the internship programme;
- quality of the student's performance of individual tasks provided for by the working programme of practice;
- quality of report documents.

The assessment of the practical training is made on the basis of the data of the "Student's practical training record book" indicating the types of work (practical skills and abilities mastered during the practical training), their quality of performance in accordance with the technology and (or) requirements of the organisation where the practical training took place.

Attestation is made by grades "excellent", "good", "satisfactory" and "unsatisfactory". The results of the practice are reflected in the certification documents.

"Excellent" is awarded to a student who has completed in time and at a high level the entire scope of work required by the internship programme, who has shown a high level of professional competence in the internship and readiness to perform the job function in accordance with the professional standard

"Provisor" (A/02.7), showed independence and creativity in work, was responsible and interested in

all the work.

"Good" is awarded to a student who has fulfilled the internship programme in time and in full, who has worked quite independently, has shown interest in work, but the reporting documentation contains some shortcomings.

"Satisfactory" is awarded to a student who has also fulfilled the internship programme, has not provided the reporting documentation in time, has not shown sufficient interest, initiative and independence in the course of work, has made significant errors in carrying out the activities envisaged by the internship program, has found insufficient development of basic skills during the internship.

"Unsatisfactory" is given to a student who has not fulfilled the practice program, irresponsibly treated his/her duties, has not shown independence, has not found formed basic skills and readiness to perform the work function in accordance with the professional standard "Provisor" (A/02.7).

An unsatisfactory grade for the practice report is considered as an academic debt.

The rating on the results of the educational practice is formed at the department in accordance with the intra-departmental regulation on the student's rating on the educational practice.

The maximum score a student can receive on the educational practice is 100.

The minimum score at which the educational practice should be credited is 61.

It depends on different criteria (see below).

At the Department of Pharmacognosy and Botany in the course of educational practice is used the 2nd model of scoring (model on the average score).

In this model, the result of the student's current work during the internship is evaluated (the average score of each student is calculated), the result of the assessment, as well as bonuses and penalties.

Methodology for calculating the mean score:

The student's knowledge and work are evaluated based on the results of the current completion of the internship according to the classical 5-point system. Current control of knowledge and skills is carried out at the end of the internship in the form of an interview, checking of the practical work and individual assignment, checking of the design and completion of internship diaries. The final control is carried out in the form of a credit. (see Table 1);

At the end of the internship, the average score of each student is calculated and converted into a score according to the 100-point system (see Table 2 below).

In addition to the average score, penalties and bonuses are taken into account (see Tables 3 and 4 below).

At the end of the educational practice, students are assessed.

The final grade, which the teacher puts in the credit book, is calculated according to the formula (see below) and converted into a 5-point grade according to the table below (see Table 5).

The formula for calculating the rating on the educational practice in botany):

$$P_{\text{пр}} = (P_{\text{а}} + \text{баллы за текущую успеваемость} + \text{бонусы} - \text{штрафы})/2;$$

где $P_{\text{пр}}$ – балл за учебную практику; $P_{\text{а}}$ – балл за ответ на аттестации (see table 4 below).

The minimum score at which a discipline must be passed is 61.

- The maximum score a student can receive on the training practice is 100.

- If a student receives an unsatisfactory grade on attestation, the rating for the discipline is equal to

Рпр=Ра (0–40 баллов);

- Scores in case of retaking the assessment Рпр=61-75 points, regardless of the grade obtained during the assessment.

Table 1**Criteria for assessing the level of mastering the discipline materials.**

Characterisation of the answer	Score in the ECTS	Scores in the BRS	Level of competency in practice	Score
<p>A full, detailed answer to the question posed is given the question posed, shows the totality of a full and detailed answer to the question posed, showing a set of realised knowledge of the object, manifested in the free operation of concepts.</p> <p>It is manifested in the free operation of concepts, ability to identify essential and non-essential features of the object, causal and essential features of the object, cause and cause-and-effect relations. Knowledge of the object is demonstrated against the background of understanding it in the system of the given science and interdisciplinary science and interdisciplinary connections. The answer is formulated in terms science, in literary language, logical, evidentiary, demonstrates author. The answer is formulated in terms of science, in literary language, logical, evidentiary, demonstrates the learner's authorial position of the student. The student demonstrates an advanced high level of competence.</p>	A	100-96	HIGHER	5 (5+)
<p>A full, detailed answer to the question, a set of conscious knowledge about the object is shown, the main points of the topic are evidently disclosed; the answer has a clear structure, logical sequence reflecting the essence of the concepts, theories and phenomena disclosed. Knowledge of the object is demonstrated against the background of understanding it in the system of the given science and interdisciplinary relations. The answer is presented in literary language in terms of science. There may be deficiencies in the definition of concepts, which are corrected.</p>	B	95-91		5
<p>A full, detailed answer to the question posed, the ability to identify essential and non-essential signs, cause-and-effect relations is demonstrated. The answer is clearly structured, logical, presented in literary language in terms of science. There may be mistakes or minor errors, corrected by the student with the help of the teacher. The student demonstrates a sufficient level of competence.</p>	C	90-81	MIDDLE	4

<p>A full, detailed answer to the question posed, the ability to identify essential and non-essential signs, cause-and-effect relations is demonstrated. The answer is clearly structured, logical, presented in scientific terms. However, there are minor errors or mistakes, corrected by the student with the help of the teacher's "leading" questions.</p> <p>teacher's "leading" questions.</p> <p>The student demonstrates an average level of competences.</p>	D	80-76		4 (4 +)
<p>The answer to the question is complete but not sufficiently coherent, but the ability to identify essential and non-essential features and cause-and-effect relationships is demonstrated. The answer is logical and stated in terms of science. There may be 1-2 errors in the definition of basic concepts, which the student finds it difficult to correct independently.</p> <p>The student demonstrates a low level of competence formation.</p>	E	75-71	LOW	3 (3+)
<p>The answer is insufficiently complete and insufficiently detailed. The logic and consistency of the presentation have violations. There are errors in the disclosure of concepts, use of terms. The learner is not able to independently identify essential and non-essential features and cause-and-effect relations. The learner can concretise the generalised knowledge by proving its main points with examples only with the help of the teacher. Speech design requires corrections and adjustments.</p> <p>The student demonstrates the threshold level competence formation.</p>	E	70-66		3 (3-)
<p>The answer is incomplete, the logic and sequence of presentation have significant violations. Gross errors in determining the essence of the concepts, theories, phenomena due to the student's misunderstanding of their essential and non-essential features and connections. There are no conclusions in the answer. The ability to reveal specific manifestations of generalised knowledge is not shown. Speech design requires corrections and adjustments.</p> <p>The student demonstrates an extremely low level of competences. An incomplete answer is given, representing scattered knowledge on the topic of the question with significant errors in definitions. There is fragmentation, illogicality of presentation. The student does not know the connection of the given concept, theory, phenomenon with other objects of the discipline.</p>	E	65-61		3 (3-)

The answer is incomplete, representing scattered knowledge on the topic of the question with significant errors in definitions. There is fragmentation, illogicality of presentation. The student does not know the connection of the given concept, theory, phenomenon with other objects of the discipline. There are no conclusions, specificity and proof of presentation. Speech is illiterate. Additional and clarifying questions of the teacher do not lead to the correction of the learner's answer not only to the question posed, but also to other questions of the discipline.	Fx	60-41	The competence is absent.	2
The student demonstrates an insufficient level of competences. No answers to the basic questions of the discipline have been received. The student does not demonstrate indicators of achieving the formation of competences. The competence is absent.	F	40 -0		2

Table 2

Conversion of score average to a 100-point system

average score on a 5-point system	score on the 100-point system	average score on a 5-point system	score on the 100-point system	average score on a 5-point system	score on a 100-point system
5.0	100	4.0	76-78	2.9	57-60
4.9	98-99	3.9	75	2.8	53-56
4.8	96-97	3.8	74	2.7	49-52
4.7	94-95	3.7	73	2.6	45-48
4.6	92-93	3.6	72	2.5	41-44
4.5	91	3.5	71	2.4	36-40
4.4	88-89	3.4	69-70	2.3	31-35
4.3	85-87	3.3	67-68	2.2	21-30
4.2	82-84	3.2	65-66	2.1	11-20
4.1	79-81	3.1	63-64	2.0	0-10
		3.0	61-62		

Table 3

System of incentives (bonuses)

1.	Preparation of visual materials for the department per unit	1
2.	Collection of scientific collections for the department per unit	1
3.	Collection of fixed material for laboratory practical classes per unit	1

Table 4**Penalty system**

№	Types of penalties	Points
1.	Missing 1 day of practice without a valid excuse	- 2
2.	Failure to attend the safety briefing on time	-2
3.	Late arrival for training practice	-1
4.	Violation of study and labour discipline	-2
5.	Failure to complete the individual assignment and the training practice diary in a timely manner	-5

Table 5**Final evaluation of the training practice**

100-point score system	grading system "pass-fail".	5-point rating		score on ECTS
96-100	passed	5	excellently	A
91-95	passed	5	perfectly	B
81-90	passed	4	well	C
76-80	passed	4	well with flaws	D
61-75	passed	3	satisfactorily	E
41-60	not credited	2	unsatisfactorily	Fx
0-40	not credited	2	unsatisfactory (repeat study required)	F

Considered at the meeting of the Department of Pharmacognosy and Botany "26" May 2023, protocol number 10.

Head of Department

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