

Procedure of certification on practice "Training practice on botany" for students of 2023 year of admission to the educational programme 33.05.01. Pharmacy, (specialist), full-time form of education 2024-2025 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 procedure of current control of progress and interim attestation 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.) and "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 from 16. 03.2017. 03.2017) and "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 the Federal State Budgetary Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Health of the Russian Federation" (adopted at the meeting of the Academic Council of the Federal State Budgetary Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Health of the Russian Federation on 15.02.2017, Minutes No. 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 carried out during 16 days, dispersed.

Intermediate certification on practice is a credit with a grade.

The main criteria for the evaluation of the training practice:

- compliance of the submitted reporting documents with the requirements for their volume 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 internship programme;
- 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" with the indication of 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 of "excellent", "good", "satisfactory" and "unsatisfactory". The results of the practice are reflected in certification documents.

"Excellent" is awarded to the student who has completed in time and at a high level the entire scope of work required by the programme of practice, showing a high level of professional competence in the practice and readiness to perform the job function in accordance with the professional standard "Provisor" (A/02.7), has shown independence, creativity, responsibly and with interest in all work.

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

"Satisfactory" is awarded to a student who also fulfilled the internship programme, did not submit the reporting documentation in time, did not show sufficient interest, initiative and independence in the course of work, made significant errors in the conduct of activities provided for by the internship programme, during the internship found insufficient development of basic skills.

"Unsatisfactory" is given to a student who has not fulfilled the programme of practice, irresponsibly treated his/her duties, has not shown independence, has not found the 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 training practice is formed at the department in accordance with the intra-departmental regulation on the student's rating on the training practice.

The maximum number of points that a student can receive on the training practice is 100.

The minimum number of points at which the training practice should be credited is 61.

It depends on different criteria (see below).

At the Department of Pharmacognosy and Botany during the training 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:

1. The student's knowledge and work are evaluated based on the results of the current practical training 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);

2. 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 training 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):

$Ppr = (Ra + \text{points for current academic performance} + \text{bonuses} - \text{penalties})/2;$

where Ppr is the score for the training practice;

Ra is the score for the answer at the attestation (see Table 4 below).

- The minimum number of points at which the discipline should be credited - 61.
- The maximum number of points that can be obtained by the student on the training practice - 100.
- If the student receives an unsatisfactory grade at the attestation, the rating for the discipline is equal to $Ppr=Pa$ (0-40 points);
- Points in case of retaking the attestation $Ppr=61-75$ points, regardless of the grade received during the attestation.

Table 1

Criteria for assessing the level of mastery of the discipline material and competencies formed

Response Characterization	Assessment ECTS	Points	Level of competence in the discipline	Assessment
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<p>A full, detailed answer to the question, a set of conscious knowledge about the object is shown, manifested in the free operation of concepts, the ability to identify its essential and non-essential features, cause-and-effect relationships. Knowledge about the object is demonstrated against the background of understanding it in the system of the given science and interdisciplinary relations. The answer is formulated in terms of science, presented in literary language, logical, evidentiary, demonstrates the author's position of the student. The student demonstrates an advanced high level of competence.</p>	A	100–96	HIGH	5 (5+)
<p>A full, detailed answer to the question, a set of conscious knowledge about the object is shown, the main provisions of the topic are evidently disclosed; the answer has a clear structure, logical sequence, reflecting the essence of the concepts, theories, phenomena disclosed. Knowledge of the object is demonstrated against the background of understanding it in the system of this science and interdisciplinary relations. The answer is presented in literary language in terms of science. There may be flaws in the definition of concepts, corrected by the student independently in the process of answering. The student demonstrates an advanced level of competence.</p>	B	95–91		5
<p>A full, detailed answer to the question, the ability to identify essential and non-essential features, cause-and-effect relationships is shown. The answer is clearly structured, logical, written in literary language in terms of science. There may be flaws 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	MEDIUM	4
<p>A full, detailed answer to the question, the</p>	D	80-76		4 (4-)

ability to identify essential and non-essential features, cause-and-effect relationships is shown. The answer is clearly structured, logical, stated in terms of science. However, there are minor errors or mistakes, corrected by the student with the help of "leading" questions of the teacher. The student demonstrates an average level of competence.				
The answer to the question is complete but not consistent enough, but it shows the ability to identify essential and non-essential features and cause-and-effect relationships. 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. The student demonstrates a low level of competence.	E	75-71	LOW	3 (3+)
The answer is insufficiently complete and insufficiently detailed. The logic and sequence of presentation have violations. There are errors in the disclosure of concepts, use of terms. The student is not able to independently identify essential and nonessential features and cause-and-effect relationships. The learner can concretize generalized knowledge, proving by examples their main provisions only with the help of the teacher. Speech design requires corrections, adjustments. The student demonstrates the threshold level of competence formation.	E	70-66		3
The answer is incomplete, the logic and sequence of presentation have significant violations. There are gross errors in determining the essence of the disclosed concepts, theories, phenomena, due to the student's lack of understanding of their essential and nonessential features and relationships. There are no conclusions in the answer. The ability to reveal specific manifestations of generalized knowledge is not shown. Speech design re-	E	65-61	EXTREMELY LOW	3 (3-)

quires corrections, corrections. The student demonstrates an extremely low level of competence formation.				
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 realize the connection of this concept, theory, phenomenon with other objects of the discipline. There are no conclusions, concretization and evidence of presentation. Speech is illiterate. Additional and clarifying questions of the teacher do not lead to correction of the student's answer not only to the question posed, but also to other questions of the discipline. The student demonstrates an insufficient level of competence.	Fx	60-41		2
No answers are received on the basic questions of the discipline. The student does not demonstrate indicators of achievement of the formation of competencies. The competence is absent.	F	40-0	COMPETENC Y OUTSIDE	2

Table 2

Conversion of the student's current grade point average into a rating score according to the 100-point system

Average score according to the 5-point system	Score according to the 100-point system	Average score according to the 5-point system	Score according to the 100-point system	Average score according to the 5-point system	Score according to the 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	88-90	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)

№	Types of incentives	Points
1.	Preparation of visual aids for the department per unit	1
2.	Collection of scientific collections for the department per unit	1
3.	Collection of fixed material for laboratory and practical classes per unit	1

Table 4

Penalty system

№	Types of fines	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 academic 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 rating	pass/fail assessment	on a "5-point" system		ECTS score
96-100	credited	5	excellence	A
91-95	credited	5	perfectly	B
81-90	credited	4	good	C
76-80	credited	4	good with the flaws	D
61-75	credited	3	satisfactorily	E
41-60	uncredited	2	unsatisfactorily	Fx
0-40	uncredited	2	unsatisfactory (repeated study required)	F

Considered at the meeting of the Department of Pharmaceutical, Toxicological Chemistry, Pharmacognosy and Botany "28" August 2024, Minutes № 1.

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