

Criteria and evaluation order of educational outcomes

The evaluation of the educational component is determined taking into account the results of the current educational activity of the student of higher education and evaluations of his assimilation of individual modules.

The success of each applicant of higher education is evaluated on a 100-point scale.

An applicant of higher education can receive 60 points for the current educational activity within the module. The maximum number of points that a student of higher education can score during the completion of the final control, taking into account the points for independent work, is 40 points.

Assessment of current educational activity (carried out during each lesson) - control of theoretical knowledge, practical skills and abilities. When mastering each topic of content modules for the current educational activity, points for all types of activities are assigned to the applicants, which are added up at the end of studying the content module. Depending on the number of points scored, the applicant can receive a maximum of 60 points or a minimum of 35 points for studying the module in practical classes.

Topic 1. The specifics of scientific knowledge. Dialectical and logical bases of scientific knowledge	Task 1.1	1-3
	Task 1.2	1-3
	Control Test	1-1,5
Topic 2. The place of scientific research in the life cycle of pharmaceutical products	Task 2.1	1-3
	Task 2.2	1-3
	Control Test	1-1,5
Topic 3. Legal and regulatory framework governing scientific research	Task 3.1	1-3
	Task 3.2	1-3
	Control Test	1-1,5
Topic 4. Levels and methods of scientific research. The main stages and forms of the scientific research process	Task 4.1	1-3
	Task 4.2	1-3
	Control Test	1-1,5
Topic 5. Intellectual property in scientific research	Task 5.1	1-3
	Control Test	1-1,5
Topic 6. Organization of scientific research work	Task 6.1	1-3
	Task 6.2	1-3
	Control Test	1-1,5
Topic 7. Information support of scientific research	Task 7.1	1-3
	Task 7.2	1-3
	Control Test	1-1,5
Topic 8. Presentation of scientific research results	Task 8.1	1-3
	Task 8.2 (theses)	4-6
	Control Test	1-1,5
Semester credit of the module: "Methodology and logic of scientific research "		25-40

The following scoring system is used for tasks:

Evaluation system, points	Evaluation criteria
3	mark is put to the student, who: <ul style="list-style-type: none"> • showed comprehensive, systematized, in-depth knowledge of the program material when answering theoretical questions orally or in writing and knew how to correctly interpret the obtained results; demonstrate knowledge of the main and additional literature provided at the level of creative use.
2	mark is put to the student, who: <ul style="list-style-type: none"> • demonstrated full knowledge of the program material when answering a theoretical question provided at the level of analogical reproduction, but made some minor mistakes.
1	mark is put to the student, who: <ul style="list-style-type: none"> • showed insufficient deep knowledge of the main program material when answering a theoretical question in writing.

Individual tasks (theses)

5-6	Theses are completed in full, structured, using the given list of literature. The work uses scientific works of domestic and foreign scientists, statistical, practical material on one of the problems in the field of pharmacy. The main issues of the topic are correctly, deeply and comprehensively considered. The text of theses is edited, without grammatical errors.
3-4	Unclear and insufficiently complete presentation of the material of the topic, errors in the design of the work, violation of the logical sequence in the presentation of the material.
1-2	Significant errors in the presentation of information, insufficient volume of work, not structured according to the plan, use of an insufficient number of literary sources, spelling errors, typos

Tests

Test control for each topic consists of 5 test tasks for each topic and is estimated at 0.3 points. Points are awarded automatically for each correct answer.

Control of the content module is carried out in the form of credit based on approved tickets. The module is considered to be passed if the student of higher education scored at least the minimum score.

The following scoring system is used to control the content module, the student can score min - 25 points, max - 40 points.

- 15 tests, one correct answer to a question is worth 1 point; 15 x 2 points = 30 points.

• 1 practical task - the applicant of higher education is assigned from 0 to 10 points (table).

When developing evaluation criteria, the completeness and correctness of the task are taken as a basis. In addition, the ability of the student of higher education to differentiate, integrate and unify knowledge is taken into account.

Table

Assessment scale of the practical part

Rating, points	Evaluation criteria
9-10	The practical task was completed by the student independently without errors, he is able to competently justify the presented results, skillfully operates with terminology based on in-depth knowledge of the material
7-8	The practical task was completed by the student without errors, the results were obtained in the justification, the student of higher education demonstrated knowledge of the material from the discipline, but made some insignificant errors
5-6	The practical task is completed, but the student of higher education does not know how to correctly interpret the obtained results
1-4	The practical task was not completed in full, with significant errors
0	The student could not complete the practical task

GRADING SCALE

Rating marks	ECTS	National scale
		Module
90 – 100	A	excellent
82-89	B	good
74-81	C	
64-73	D	Fair
60-63	E	
35-59	FX	Unsatisfactorily
0-34	F	Unsatisfactorily (Additional work is needed)