Criteria and procedure for evaluating learning outcomes

The criteria for evaluating the knowledge and skills of higher education seekers in education were developed in accordance with POL A2.2-25-031 Regulations on the evaluation of knowledge of higher education seekers at the National Pharmaceutical University.

The evaluation of the success of higher education institutions in the educational component is a rating, is presented on a one-point scale and is defined according to the ECTC system and according to the traditional scale adopted in Ukraine.

Assessments (in points) are reflected in the calendar-thematic plans of laboratory classes.

Current Assessment: Module 1, Content Module 1							Sum
	T1	T2	T3	T4	T5	Semester assess-ment	
Phm (4,10d) engl	6-12	6-12	6-12	6-12	6-12	24 - 40	61-100
36-60							

T1, T2 ... – content module topics.

Evaluation criteria for practical classes	Points
	Daily **Phm (4,10d) engl**
➢ independently chose the methodology of the research according to ND; ➢ selected objects and materials for research; ➢ clearly followed the sequence of biopharmaceutical research; ➢ carried out calculations and statistical processing of the obtained results; ➢ summarized and recorded the results of practical work in a notebook; ➢ formulated a full-fledged conclusion about the result of the practical task	11-12
➢ based on the teacher's suggestions, he chose the research method according to the National Standard; ➢ selected objects and materials for research; ➢ followed the sequence of biopharmaceutical research with minor errors; ➢ performed calculations, but did not perform statistical processing of the results; ➢ summarized and recorded the results of the work in a notebook; ➢ did not fully formulate conclusions about the results of the practical task	9-10
➢ based on the teacher's suggestions, he chose the research method according to the National Standard; ➢ selected research objects and materials based on the teacher's prompts; ➢ did not follow the sequence of biopharmaceutical studies; ➢ carried out partial calculations and statistical processing of the results; ➢ did not fully summarize and record the results of the work; ➢ formulated conclusions about the results of the practical task, which do not reflect the essence and content of the work carried out	7-8
➢ could not choose the method of conducting research according to ND; ➢ did not select objects and materials for research; ➢ did not follow the sequence of biopharmaceutical studies;	0-6

➢ did not (partially) perform calculations and statistics. processing of results; ➢ did not summarize and record (partially) the results of the work; ➢ did not formulate (incorrectly formulated) conclusions about the result of the practical task		

The student's self-study work is monitored during each practical session, during the control of the content module.

In the event that the student came to the class unprepared, he must be present at the class. After working with educational literature and an individual conversation with the teacher on the topic of the lesson, the student is admitted to practical work.

Control of mastering content modules is conducted in the last classes of studying topics of content modules. The means of diagnosing students' knowledge are the test control of individual cards, the answer to a theoretical question and the solution of a situational problem. Only those students who have completed all types of work provided by the curriculum (worked out, missed practical classes, etc.)

Evaluation criteria for control of mastery of the content module.	Amount of points
— showed comprehensive and deep knowledge of the theoretical material presented in the textbook, lecture texts and additional literature — fully understood the essence of the situational task and correctly formulated ways to solve it	37-40
— showed sufficiently complete knowledge of the theoretical material presented in the textbook and lecture texts — correctly understood the essence of the situational task, but did not give a complete answer about ways to solve this situation, or gave answers with some shortcomings	33-36
— showed knowledge of theoretical material, which is considered necessary and sufficient — did not fully understand the essence of the situational task or gave an answer with errors	29-32
— showed insufficient knowledge of theoretical material — did not fully understand the essence of the situational task or gave an answer with significant errors	24-28
— lack of an answer to a theoretical question or inconsistency of the answer to the formulation of the theoretical question — did not understand the essence of the situational task and could not offer any solution to the situation or gave a wrong answer	0-23

The sum of points for the study of ZM is the sum of the points received by the student during the study of all topics of the content module.

The semester assessment is conducted by summarizing the module study results, increasing the rating if desired and filling out the reporting documentation.

The overall rating consists of the current rating and the semester credit and is from 60 to 100 points.

It has been approved at the Department of pharmaceutical technology of drugs_____

Record from «1» september 2023 № 1

Head of the Department, prof.   Liliia VYSHNEVSKA