



REGULATIONS OF THE EXAM in the discipline "Microbiology, Virology and Immunology"

In the structure of the discipline, 8 hours of final control of the learning of the modules are provided.

It is provided for re-enrollment of topics in the discipline that have been mastered by the applicant in non-formal education and confirmed by the relevant document (certificate, diploma, certificate, etc.).

When mastering the materials of the discipline, the student of higher education is awarded a maximum of 5 points for each practical session (the grade is given in the traditional 4-point grading system). Re-enrollment of subjects from the discipline that were mastered by the student of higher education in non-formal education and confirmed by a relevant document (certificate, diploma, certificate, etc.) is provided for. At the end of the academic year, the student's arithmetic average is calculated. The maximum number of points that a student can receive in practical classes during the academic year is 120. The number of points of a student is calculated using the formula of multiplying 120 by the arithmetic average and dividing by 5. The final control of mastering the discipline is conducted in the form of an exam after the 5th semester during the semester session according to the schedule, by the schedule of the educational process and is evaluated according to the "Regulations on the evaluation of educational activities of students of higher education of the Medical Institute of the Sumy State University of Knowledge 22 "Health Care". Applicants of higher education who have completed all types of work provided for in the curriculum of the discipline are admitted to the exam: - were present at all classroom classes (lectures, practical classes); - completed all missed classes on time; - scored the minimum number of points for the current academic performance (at least 72 points, corresponding to the national scale "3").

The exam consists of two components: testing in the discipline based on the STEP-1 question base and answers to two (2) questions in the exam ticket from the sections "General Microbiology" / "Infection. Immunology" and the section "Special bacteriology"/"Special virology" (on one question from the indicated sections):

Testing in the discipline based on questions STEP-1 (20 tests).

A written answer to the ticket questions from the sections "General Microbiology" or "Infection. Immunology" (one question from the indicated sections).

Performing a practice-oriented situational task on the issue of a ticket from the sections "Special bacteriology" / "Special virology" (one of the indicated sections) in the form of testing.

The knowledge of a student on a topic or a specific section (final control - exam) is assessed by a traditional assessment (4-point system) according to the "Regulations on the organization of the educational process at SSU".

The grade "**excellent**" is given to the applicant for higher education, who has deeply and comprehensively mastered the theoretical-practical material, correctly and logically expounding it. He can freely operate with Latin terminology and answers non-standard questions on the discipline, which indicates mastery of the recommended literature. He knows how to link the material of this topic with the previously studied sections, knows the course and sequence of independent educational and research work to perform a practical task, provided that the student independently conducts experimental research, identifies elements of creative thinking, seeks out the best options for staging a microbiological experiment, learns the necessary practical skills and with a clear formulation of generalizations and conclusions. When conducting test control, no more than 10% of incorrect answers are allowed.

The "**good**" grade is given to a student who knows and is fluent in theoretical material, correctly presents it, does not allow inaccuracies when answering, and knows how to reveal the topic from the standpoint of its medical significance, but at the same time the answers do not go beyond the textbook, methodological recommendations, has difficulty in performing the experiment and microbiological studies, but he has mastered the necessary practical skills and accurately keeps the protocol. During test control, it allows no more than 20% errors.

The "**satisfactory**" grade is given to an applicant for higher education who knows the basics of the program task, but makes inaccuracies in formulating the answer, does not understand the medical aspects of the topic, has difficulty performing a microbiological study or experiment, sloppily draws up the results of studies in the protocol and not in full. skills. According to the test results, no more than 40% of tests make

mistakes.

The “**unsatisfactory**” grade is given to a student who does not know the theoretical foundations of the topic, the tasks of practical work, makes gross mistakes in answering, has difficulty performing microbiological studies, does not record the progress of work in the protocol, and has not mastered specific practical skills. During a test survey, more than 41% of test items make mistakes.

The final discipline control (exam) is assessed on a scale from 48 (minimum) to 80 (maximum) points. The exam is credited to the student if he passed each of the stages of the exam with at least a mark of "3" on the national scale. Incentive points are attached to the assessment of the discipline of filling in an individual research project (defense of student research work 12 points, presentation at the conference 5 points, poster presentation at the conference 4 points, abstracts 3 points).

The total score for the discipline cannot exceed 200 points. The assessment of the discipline is the sum of points for the current performance (from 72 to 120 points), exam (from 48 to 80), and individual points for the student's independent work (no more than 12 points), but should not exceed the maximum 200 points.

The mark for the exam is set according to the traditional 4-point scale and converted into a 200-point scale according to the “Regulations on the assessment of educational activities of applicants for higher education at the Medical Institute of SSU, branch of knowledge 22 “Health”.

Table 1

Correspondence of the result of success in points to the traditional assessment system

Current academic performance	Final module control - exam	Discipline assessment	4-point scale
102-120	80,0	170-200	5 (excellent)
84,0-101,9	64,0	140-169,9	4 (good)
72,0-83,9	48,0	120-139,9	3 (satisfactory)
<72	0	<120	2 (unsatisfactory)

In case of quarantine restrictions, the exam is taken remotely using the Mix.sumdu.edu.ua, Zoom, Google meet platforms. When taking the exam, applicants for higher education must comply with the policy and standards of academic integrity defined by the Code of Academic Integrity, the procedures for maintaining academic integrity - the Regulation on Academic Virtue, and the ethics of academic relationships (<http://surl.li/ffat>). If the examiner reveals a violation of academic virtue on the part of the applicant for higher education when studying an academic discipline, the examiner has the right to assign a re-admission of the final control (exam) with a decrease in the total number of points received by up to 15% inclusive.