


APPROVED
Head of the Department of
Fundamental Medicine and Biology
Federal State Budgetary Educational Institution of Higher Medical Education
of the Ministry of Health of Russia


_____ A.V. Strygin

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PROCEDURE
for conducting intermediate certification of students
at the Department of Fundamental Medicine and Biology
FGBOU VO VolgSMU of the Ministry of Health of the Russian Federation
in the 2025-2026 academic year

1. General Provisions

1.1. This Procedure for conducting intermediate certification of students at the Department of Fundamental Medicine and Biology of the Federal State Budgetary Educational Institution of Higher Education Volgograd State Medical University of the Ministry of Health of the Russian Federation during the summer certification and examination session of the 2025-2026 academic year (hereinafter referred to as the Procedure, IA) has been developed in order to regulate the conduct of intermediate certification for educational programs of higher education (specialization, bachelor's degree, master's degree) at the Department of Fundamental Medicine and Biology of the Federal State Budgetary Educational Institution of Higher Education Volgograd State Medical University of the Ministry of Health of the Russian Federation in the 2025-2026 academic year.

1.2. The Procedure clarifies and details the requirements of the Regulations for the Conduct of Interim Attestation of Students at the Federal State Budgetary Educational Institution of Higher Education Volgograd State Medical University of the Ministry of Health of the Russian Federation in its current version in terms of the organizational issues of the PA, taking into account the departmental specifics and features of the disciplines/practices being implemented.

1.3. The Procedure is made available to students no later than 1 month before the start of the PA by posting these documents on the departmental website.

1.4. The Procedure comes into force in place of the previous one.

2. Organizational issues of Intermediate Certification¹

2.1. The date of the PA for specific disciplines/practices implemented at the department is determined by the schedule of the credit and examination session approved by the order of the Vice-Rector for Educational Activities. The time of the PA is determined by the PA schedule approved by the Head of the Department. The date and time of the consultation (for the exam) is determined by the schedule of pre-exam consultations approved by the Department.

2.2. The procedure for the PA, the departmental schedule for the PA, and the schedule for pre-exam consultations are made available to students by posting these documents on the departmental website, and students are informed of the documents at least one month before the start of the PA.

2.3. The PA grade is based on a 100-point scale, and the final grade for the discipline/practicum (based on a 5-point scale for exams and credit-based assessments, or a "pass" or "fail" system for credit-based assessments) is communicated to the student upon their oral response or upon the verification of their written assignments within the specified timeframe.

2.4. The final grade for the discipline/practicum is entered in the student's record book, the record book and examination sheet and the electronic information and educational environment of the FGBOU VO VolgSMU of the Ministry of Health of the Russian Federation. At the same time, for grades on a 5-point scale, only the verbal equivalent of the grade ("excellent", "good", "satisfactory", "unsatisfactory") is subject to entry, and not numerical values of points (5, 4, 3, 2).

2.5. According to the results of the PA, the student has the right to appeal.

2.6. Students who fail to pass the PA are assigned to retake the exam according to the local regulations of the Volgograd State Medical University and the approved retake schedule.

¹ можно добавить в этот раздел иные пункты, детализирующие организационные вопросы ПА на вашей кафедре

3. Intermediate Certification procedure for in-person exam

3.1. The Department of Fundamental Medicine and Biology offers full-time PA in the following disciplines/practices:²

Educational Program	Disciplines/Practices	PA form (pass, pass with grade, exam)	Semester of the PA (autumn/spring)
Biology (undergraduate)	General Biology	exam	spring
Biology (undergraduate)	Educational practice (introductory practice)	credit with an assessment	spring
Biology (undergraduate)	Cell Biology	exam	spring
Biology (undergraduate)	Basics of working in a biomedical laboratory	credit with an assessment	spring
Biology (undergraduate)	Academic practice (research work (acquiring initial research skills))	credit with an assessment	spring
Biology (undergraduate)	Large Workshop on Biophysics and Biochemistry	credit with an assessment	spring
Biology (undergraduate)	Animal genetics	credit with an assessment	spring
Biology (undergraduate)	Kinetic and energetic aspects of biochemical processes	exam	spring
Biology (undergraduate)	Fundamentals of immunology and immunochemistry	offset	spring
Biology (undergraduate)	Industrial practice (practice in the field of professional activity in biochemistry)	credit with an assessment	spring
Biology (undergraduate)	Production practice (practice in the field of professional activity in genetics)	credit with an assessment	spring
Biology (undergraduate)	Medical genetics	exam	spring
Biology (undergraduate)	Industrial practice (pre-graduation practice, including research work)	credit with an assessment	spring
Biology (Master's degree)	Medical technologies using technical means	exam	spring
Biology (Master's degree)	Fundamentals of Parasitic Invasion Diagnostics	offset	spring
Biology (Master's degree)	Industrial practice (pre-graduation practice, including research work)	credit with an assessment	spring
Medical Biochemistry (Specialty)	Parasitology	offset	spring
Biotechnical Systems and Technologies (Bachelor's degree)	The fundamental foundations of biology	exam	spring

² необходимо указать все ОП и соответствующие им очные ПА, предусмотренные на кафедре в период действия Порядка

Biotechnical Systems and Technologies (Bachelor's degree)	Fundamental principles of biochemistry	exam	spring
Medical Practice (Specialty)	Genetic technologies in medicine	offset	spring
Medical and Preventive Care (Specialty)	Biology, ecology	exam	spring
Pharmacy (specialty)	Molecular Biology	exam	spring

3.2. The appearance of the student during the PA must be decent, neat, and tidy, and must comply with the rules of safety and etiquette (wearing a medical gown, cap, and change of shoes).

Students are not allowed to carry or use communication devices during the PA.

The time of the PA in face-to-face format is up to 45 minutes (for the exam: up to 5 minutes – identification and issuance of a ticket at the beginning of the PA; up to 25 minutes – preparation for the answer; up to 15 minutes - the answer), for the test / assessment: up to 5 minutes - identification and issuance of a ticket / assignment at the beginning of the PA; up to 30 minutes – preparation for the answer; up to 10 minutes – the answer).

3.2.1. The exam on the discipline "General Biology" for students of the bachelor's program in Biology, specialization (profile) Biochemistry/specialization (profile) Genetics is conducted in a mixed format. Students are assigned to examiners in a live queue based on their arrival in the classroom. Each student chooses a ticket containing three practice-oriented tasks on different topics of the discipline, which they complete on paper and then present to the examiner. Students are allowed to use a simple calculator and a genetic code table. The examiner also has the right to ask the student additional questions beyond the original assignments given to the student as part of the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.2. The exam on the discipline "Fundamental Fundamentals of Biology" for students of the Bachelor's degree program Biotechnical systems and Technologies, focus (profile) Clinical Engineering is conducted in a mixed form. The distribution of students among the examiners is carried out on a first-come, first-served basis in the order of entry into the classroom. At the same time, the student selects a ticket containing three practice-oriented tasks on different topics of the discipline, solves them on paper, followed by an oral answer to the examiner. Students are allowed to use a simple calculator and a table of the genetic code. The examiner also has the right to ask the student additional questions beyond the original assignments given to the student as part of the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.3. The exam in the discipline "Biology, Ecology" for students in the specialty program "Medical and Preventive Care", direction (profile) Medical and Preventive Care is held in a mixed format. Students are assigned to examiners in a live queue based on their arrival in the classroom. Each student chooses a ticket containing three practical tasks on different topics of the discipline, which they complete on paper and then present to the examiner. Students are allowed to use a simple calculator and a genetic code table. The examiner also has the right to ask the student additional questions beyond the original assignments given to the student as part of the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.4. The exam in the discipline "Biology, Ecology" for students studying in the program of the specialty "Medical and Preventive Care", direction (profile) "Medical and Preventive Care", is held in a mixed format. Students are assigned to examiners in a live queue as they

arrive in the classroom. Each student chooses a ticket containing three practical tasks on different topics of the discipline, which he fills out on paper and then presents to the examiner. Students are allowed to use a simple calculator and a table of genetic codes. The examiner also has the right to ask the student additional questions, in addition to the initial tasks that were given to the student as part of the discipline assessment tools. The total preparation and response time is up to 45 minutes.

3.2.5. The exam on the discipline "Kinetic and Energetic Aspects of Biochemical Processes" for students enrolled in the Bachelor's Degree Program in Biology, with a focus (profile) on Biochemistry, is conducted in a mixed format. Students are assigned to examiners based on a first-come, first-served basis. Each student chooses a ticket containing three practice-oriented assignments from different topics in the discipline, which they complete on paper and then present to the examiner in an oral format. The examiner may also ask additional questions beyond the assigned assignments as part of the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.6 The exam on the discipline "Medical Genetics" for students enrolled in the Bachelor's program in Biology, with a focus (profile) Genetics, is conducted in a mixed format. Students are assigned to examiners in a live queue, based on their arrival in the classroom. Each student chooses a ticket containing three practice-oriented tasks related to different topics in the discipline, which they complete on paper and then present to the examiner in an oral format. The examiner may also ask additional questions beyond the initial tasks provided to the student as part of the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.7. The exam in the discipline "Medical Technologies with the Use of Technical Means" for students in the Master's Program in Biology, with a focus (profile) Molecular Biology, is conducted in a mixed format. The distribution of students among the examiners is carried out in a live queue, based on the order of entry into the classroom. During the exam, the student chooses a ticket containing three practice-oriented tasks on different topics of the discipline, and completes them on paper, followed by an oral response to the examiner. The examiner also has the right to ask the student additional questions beyond the initial tasks provided in the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.8. The exam in the discipline "Fundamental Principles of Biochemistry" for students of the Bachelor's degree program Biotechnical systems and Technologies, focus (profile) Clinical Engineering is conducted in a mixed form. The distribution of students among the examiners is carried out on a first-come, first-served basis in the order of entry into the classroom. At the same time, the student selects a ticket containing three practice-oriented tasks on different topics of the discipline, solves them on paper, followed by an oral answer to the examiner. The examiner also has the right to ask the student additional questions beyond the tasks initially received by the student within the framework of the assessment fund of the discipline. The total preparation and response time is up to 45 minutes.

3.2.9. The exam on the discipline "Molecular Biology" for students of the Specialization Program in Pharmacy, with a focus (profile) in Pharmacy, is conducted in a live queue, in the order of entry into the classroom. During the exam, the student chooses a ticket containing three practice-oriented tasks on different topics of the discipline, and completes them on paper, followed by an oral response to the examiner. The examiner also has the right to ask the student additional questions beyond the initial tasks provided by the student as part of the discipline's assessment tools. The total preparation and response time is up to 45 minutes.

3.2.10. The credit with an assessment in the discipline "Fundamentals of work in a biomedical laboratory" for students of the OP of the bachelor's degree Biology, direction (profile) Biochemistry / direction (profile) Genetics is carried out in 2 stages: the student takes the test, and then chooses a ticket containing one practice-oriented task. Solves on paper media with subsequent oral answer to the examiner. Distribution of students between examiners is carried out in a live queue in the order of entry into the classroom. The examiner also has the right to

ask the student additional questions beyond the original assignments given to the student as part of the discipline's assessment tools. The total preparation and response time is up to 30 minutes.

3.2.11. The credit with an assessment in the disciplines "Large Workshop on Biophysics, Biochemistry" and "Animal Genetics" for students in the bachelor's program in Biology, focus (profile) Biochemistry/focus (profile) Genetics in a mixed form. The distribution of students among the examiners is carried out in a live queue in the order of entry into the classroom. In this case, the student chooses a ticket containing two practice-oriented tasks on different topics of the discipline, solves them on paper, and then gives an oral answer to the examiner. The examiner also has the right to ask the student additional questions beyond the original assignments given to the student as part of the discipline's assessment tools. The total preparation and response time is up to 25 minutes.

3.2.12. The exam in the discipline "Fundamentals of Immunology and Immunochemistry" for students of the bachelor's program in Biology, with a focus (profile) on Biochemistry, is conducted in two stages: the student takes a test and then chooses a ticket containing one practice-oriented task. The student completes the task on paper and then gives an oral answer to the examiner. The distribution of students among the examiners is done in a live queue, based on the order of entry into the classroom. The examiner also has the right to ask the student additional questions beyond the initial tasks provided to the student as part of the discipline's assessment tools. The total preparation and response time is up to 30 minutes.

3.2.13. The credit for the discipline "Parasitology" for students enrolled in the Specialization Program in Medical Biochemistry, specialization (profile) Medical Biochemistry is held in a mixed form. In this case, the student accesses the corresponding course on the electronic information and educational portal, opens the "Intermediate Attestation (Credit)" section, receives an individual version of the test questions randomly selected from the assessment tools of the discipline, and completes them. The total preparation and response time is up to 30 minutes.

3.2.14. The credit for the discipline "Genetic Technologies in Medicine" for students of the Specialization Program in Medical Care, focus (profile) Medical Care is held in a mixed form. In this case, the student enters the corresponding course on the electronic information and educational portal, opens the "Intermediate Attestation (Credit)" section, receives an individual version of the test tasks randomly selected from the fund of the discipline's assessment tools, and completes them. The total preparation and response time is up to 30 minutes.

3.2.15. The credit for the discipline "Fundamentals of Parasitic Invasions Diagnostics" for students of the Master's Degree Program in Biology, specialization (profile) Molecular Biology is held in person. During the credit, the student receives a set of test questions and completes them. The total preparation and response time is up to 20 minutes.

3.2.16. The credit with an assessment on educational practice (research work (acquiring initial skills of research work)) and on educational practice (research work (acquiring initial skills of research work)) for students on the OP of the bachelor's degree in Biology, focus (profile) Biochemistry/ focus (profile) Genetics is carried out in the form of a report with the defense of reporting documentation (research work report on the topic of an individual assignment). The total preparation and response time is up to 20 minutes.

3.3. PA in-person format in the case of establishing restrictive measures in a poor sanitary and epidemiological situation is carried out in compliance with the following sanitary and hygienic requirements:

carrying out before receiving PA cleaning of premises with the use of disinfectants on the viral regime, including the processing of all contact surfaces in common areas (door handles, switches, handrails, railings, table surfaces, etc.); if the duration of PA is more than 4 hours – repeated processing of contact surfaces;

carrying out air disinfection using equipment permitted for use in the presence of people;

providing conditions for hygienic hand treatment using antiseptics in the lobby at the entrance to the building where PA is held, in the restrooms, as well as providing constant availability of hand washing and antiseptic products for hand treatment in the restrooms;

mandatory thermometry using a contactless method at the entrance to the building/department where PA takes place;

non-admission of individuals with elevated body temperature (above 37.0C) and signs of acute respiratory viral infection (cough, rhinorrhea, sneezing, etc.) to the PA. In this case, the student is considered absent for a valid reason (as indicated in the PA register), and the date of the PA is rescheduled for a later time during the exam session. The student is informed of the new date of the PA at least 3 business days in advance.

prevention of students from gathering (including in the halls and corridors before the start of the PA), monitoring of compliance with social distance, including when seating in the classroom for the PA;

availability of properly worn personal respiratory protection equipment on all participants of the PA (students, teachers, and support staff);

organization of centralized collection of used disposable masks after the PA, with their packaging in plastic bags before placing them in waste collection containers.