

MINISTRY OF SCIENCE, HIGHER EDUCATION, AND INNOVATION OF THE  
KYRGYZ REPUBLIC  
«JALAL-ABAD STATE UNIVERSITY NAMED AFTER B. OSMONOV» INDUSTRIAL  
SCIENTIFIC EDUCATIONAL INSTITUTION

The Regulation was reviewed  
and proposed for approval by  
the Academic Council of JASU  
Protocol No. 1  
«01» 09 2025

APPROVED  
Rector of Jalal-Abad State  
University named after  
B. Osmonov professor  
*K.Zh. Usenov*  
«1» 09 2025



## REGULATIONS ON THE MASTER'S PROGRAM

Amendments and additions were introduced by Protocol No. 1 of the Scientific Council of JASU named after B. Osmonov, dated September 1, 2025.

## **1. General Provisions**

1.1. These Regulations define the legal, organizational, and methodological foundations for the functioning of the Master's programs at the Scientific-Educational Production Complex of "B. Osmonov Jalal-Abad State University" (hereinafter — JAGU named after B. Osmonov) and regulate the procedure for implementing second-level higher professional education programs.

1.2. These Regulations were developed in accordance with:

The Law of the Kyrgyz Republic "On Education" (No. 179 of August 11, 2023);

Resolution of the Cabinet of Ministers of the Kyrgyz Republic "On the approval of normative legal acts regulating the activities of higher professional educational organizations" (No. 590 of September 27, 2024);

State Educational Standards of Higher Professional Education (SES HPE) of the Kyrgyz Republic;

Normative acts of the Ministry of Science, Higher Education, and Innovation of the Kyrgyz Republic;

Educational standards and the Charter of JAGU named after B. Osmonov.

1.3. Master's programs at JAGU are designed to train highly qualified specialists focused on research, pedagogical, management, and professional-practical activities.

**1.4.** Master's degree training is carried out in the areas and profiles included in the current license of the Ministry of Science, Higher Education and Innovation of the Kyrgyz Republic.

1.5. The main goals of the Master's program are:

- implementation of a tiered model of higher education;
- development of advanced professional and scientific competencies in students;
- development of analytical, research, and teaching skills;
- training of personnel capable of independent decision-making and the use of modern information and communication technologies.

**1.5.** The main objectives are:

- Implementation of the tiered model of higher education;
- Formation of advanced professional and scientific competencies;
- Development of analytical and research skills;
- Preparation of personnel capable of independent decision-making and the use of modern ICT.

**1.6.** General management is exercised by the Rector, while the Vice-Rector for Academic Affairs coordinates the educational process.

1.7. Study in master's degree programs is completed with the award of the academic degree "master" and the issuance of a state diploma.

1.8. Master's programs are implemented on a budgetary and contractual basis in accordance with the legislation of the Kyrgyz Republic.

1.9. Master's degree programs are offered full-time (standard duration: 2 years) and part-time (2.5 years), including the use of distance learning technologies.

1.10. Applicants must hold a state-recognized diploma of higher professional education conferring “a bachelor's degree” or a state-recognized diploma of higher professional education conferring a specialist qualification in the relevant or related field of study.

1.11. Master's programs at B. Osmonov JASU are implemented in accordance with the principles of the Bologna Process, European Standards and Guidelines for Quality Assurance in Education (ESG), and are based on competency-based and student-centered approaches.

## **2. Admission procedure to the Master's program**

2.1. Admission to the master's program at B. Osmonov JASU is competitive and based on the results of entrance examinations in accordance with the approved admission rules.

2.2. Admission is limited to individuals who have successfully completed higher professional education programs and hold a state-recognized diploma.

2.3. Kyrgyz citizens pursuing a master's degree for the first time are admitted on a budgetary basis. Training for foreign citizens and individuals who already hold a specialist-level higher professional education is provided on a contractual basis.

2.4. The list of documents, the deadlines for their submission, and the procedure for conducting entrance examinations are determined by the university's Admissions Committee.

2.5. Entrance examinations for the master's program are conducted by the Admissions Committee approved by the Rector of JASU named B. Osmonov.

2.6. Admission procedures for the master's program are based on the principles of transparency, equal access, and academic integrity.

2.7. Applicants have the right to appeal the results of their entrance examinations in accordance with the procedure established by JASU's local regulations.

## **3. Management of the Master's Program**

3.1. General management and oversight of the implementation of master's programs are provided by the Vice-Rector for Academic Affairs.

Coordination of the university's master's program is carried out by the Academic Policy Department of JASU named B. Osmonov. Its mission is to coordinate and oversee the academic and organizational-methodological work of the institutes involved in training master's students, ensure the conditions for the implementation and quality assessment of master's programs, and improve the organization of the educational process.

3.2. Oversight of the implementation of master's programs in the graduating departments is provided by the director of the institute and the heads of the relevant departments.

3.3. The Master's Program Director, appointed by order of the Rector of JASU named B. Osmonov, directly supervises the Master's program in the relevant field. The Master's Program Director is appointed from among professors/associate professors in the relevant field.

The Master's Program Director, together with the head of the graduating department, shall:

- develop and update the curriculum;
- determine the content of specialized courses;
- oversee the development of work programs for academic disciplines and internships;
- ensure the quality of master's student training;

- Conducts expert evaluation and revision of master's dissertation topics;
  - Organizes the defense process for master's theses.
- 3.4. The implementation of the master's degree program's core educational program (CEEP) is ensured by qualified faculty with a basic education corresponding to the profile of the discipline being taught, at least 90% of whom must hold candidate or doctoral degrees, including a PhD.
- 3.5. Each master's student is assigned, by order of the rector, a supervisor from among highly qualified specialists conducting research on the topic of the master's program. The supervisor directly supervises the student's educational and research activities.
- 3.6. The supervisor:
- develops an individual curriculum plan with the student within two weeks prior to the start of classes;
  - monitors its implementation;
  - supervises the preparation of the student's master's thesis.
- 3.7. In implementing a master's student's individual plan, their supervisor reports directly to the head of the relevant master's program.
- 3.8. A supervisor may simultaneously supervise up to five master's students, taking into account two years of study.
- 3.9. In the case of research on the topic of a master's thesis, at the intersection of specializations, one or more consultants may be engaged, approved at a meeting of the relevant department.
- 3.10. The Graduating Department:
- Develops and discusses drafts of newly introduced educational programs;
  - Reviews and approves individual work plans for master's students;
  - Discusses and recommends master's thesis topics for approval by the Institute's Academic Council;
  - Hears and approves master's student reports on the completion of their individual plan for each year of study;
  - Conducts preliminary discussions of master's thesis proposals;
  - Organizes master's thesis defenses.
- 3.11. The University has an internal quality assurance system for its Master's degree programs, including regular monitoring of curricula, surveys of Master's students and employers, self-evaluation of programs, and their periodic updating.

#### **4. MAIN EDUCATIONAL PROGRAM OF THE MASTER'S DEGREE**

4.1. The Main Educational Program (hereinafter referred to as the MEP) of the Master's degree is developed on the basis of the State Educational Standards of Higher Professional Education (SES HPE) of the Kyrgyz Republic, and the educational standards of higher professional education of JAGU, and includes:

- the curriculum;
- work programs of disciplines;
- internship programs;
- scientific research work;
- the final state certification.

4.2. The content of the Master's program disciplines must not duplicate the content or the titles of the disciplines of the corresponding Bachelor's program.

4.3. Practical training for Master's students includes scientific-pedagogical and scientific-research internships.

4.4. Scientific-pedagogical internship is aimed at the formation of teaching skills in higher education.

4.5. Scientific-research internship ensures the development of research competencies and the preparation of the Master's dissertation.

4.6. For each Master's program, expected learning outcomes are formulated, which are correlated with the professional and universal competencies established by the SES HPE of the Kyrgyz Republic, ensuring the readiness of graduates for scientific, pedagogical, and professional activities.

## **5. Organization of the Educational Process**

5.1. Training is conducted based on curricula developed in accordance with the State Educational Standards of Higher Professional Education (SES HPE) of the Kyrgyz Republic. The educational process, ongoing assessment of knowledge, as well as intermediate and final certifications in the Master's program, are carried out in accordance with the SES HPE, the Educational Standards of JASU, the Educational Program, the University Charter, and other local regulatory acts of JASU.

5.2. Methodological recommendations regarding the structure and content of the university component of Master's educational programs are developed by the Department of Academic Policy of JASU named after B. Osmonov, taking into account current trends in the education system. These recommendations are approved by the Educational and Methodological Council of JASU named after B. Osmonov.

5.3. The total workload of a Master's program is 120 ECTS credits, with 60 credits to be completed during each academic year.

5.4. The curriculum for Master's training is developed by the graduating department based on the SES HPE for the relevant field and is approved by the Vice-Rector for Academic Affairs.

5.5. The educational process includes classroom sessions, independent study, internships, and scientific research activities.

5.6. The scientific research training of Master's students includes:

- Scientific research work;
- Scientific research internship;
- Preparation of the Master's dissertation.

The content of these components is determined based on the requirements of the SES HPE and the Educational Standards of JASU.

5.7. All types of Master's internships must correspond to the main directions of scientific research and include research work in laboratories, scientific-production work, and teaching activities in higher (HPE) and secondary (SPE) professional educational organizations.

5.8. Master's students are provided with methodological support in the form of educational-methodological complexes and consultations from their scientific advisors.

5.9. Teachers from among current managers and leading employees of relevant organizations, enterprises, and institutions may be involved in the educational process for professional cycle disciplines.

5.10. A Master's dissertation is an individual scientific research project performed by the student under the guidance of a scientific advisor. The final defense of the dissertation, as well as the passing of final exams, is conducted in an open format at a meeting of the State Attestation Commission.

5.11. Master's students have the right to academic mobility, including studying at other educational organizations in the Kyrgyz Republic or at foreign universities, with the subsequent transfer of earned credits in the established manner.

5.12. The use of e-learning and distance learning technologies is permitted in the educational process, provided they comply with the requirements of the SES HPE of the Kyrgyz Republic and the university's regulatory acts.

## **6. Monitoring and Evaluation of Master's Students' Academic Performance**

6.1. Knowledge monitoring is carried out according to a module-rating system and includes current, intermediate, and final control.

6.2. Exams and tests are conducted within the timeframes established by the academic calendar and in accordance with the regulations on the module-rating system for evaluating JASU students.

6.3. Master's students who have successfully mastered the curriculum and earned the required number of credits are promoted to the next year of study.

6.4. Master's students who fail to meet the requirements of the curriculum must either undergo repeat training or are subject to dismissal in accordance with the established procedure.

6.5. Master's students who have earned fewer than 60 credits but more than 45 credits may, by permission of the University Rector, be promoted to the next year of study, provided they repeat the study of those disciplines for which exams were not passed during the academic year or the summer semester (with the exception of continuing disciplines).

6.6. Learning outcomes of Master's students are evaluated using the national and ECTS grading scales, ensuring academic comparability and transparency of learning results.

## **7. Final State Certification**

7.1. Final State Certification includes:

- the defense of the Master's dissertation;
- a comprehensive state examination in the field of study.

7.2. The Master's dissertation is an independent scientific research project that reflects the level of the graduate's professional and scientific training. The content of the work may consist of the results of theoretical and experimental research, as well as the development of new methods and methodological approaches.

7.3. Dissertation topics are formulated by the departments, taking into account the needs of science and practice. A Master's student has the right to propose their own topic, provided there is a necessary justification for the feasibility of its development.

7.4. The Master's dissertation must demonstrate the author's ability to present material concisely, logically, and with reasoned arguments; its formatting must comply with the requirements applicable to scientific research work (SRW). The volume of the Master's dissertation ranges from 65 to 90 printed pages and must be formatted in accordance with established requirements.

7.5. Individuals who have completed the full course of study under the Master's degree educational program are admitted to the Final State Certification.

## **8. PROCEDURE FOR THE DEFENSE OF THE MASTER'S DISSERTATION**

8.1. The defense of the Master's dissertation is conducted publicly at a meeting of the State Attestation Commission (SAC).

8.2. The following must be submitted for the defense:

- at least one scientific publication released during the period of study;
- the formatted thesis, signed by the Head of the graduating department;
- a written review from the student's scientific advisor;
- a review of the Master's work prepared by an opponent-reviewer.
- In cases where the work is performed at the intersection of two specialties, the appointment of two reviewers is recommended.
- The Master's dissertation must be submitted to the reviewer no later than two weeks before the defense.

8.3. Works are admitted to defense only after passing a check in the "Anti-Plagiarism" system, with a required originality level of no less than 60%.

8.4. The decision to award the "Master" qualification is made at the meeting of the SAC by a simple majority vote of its members. In the event of a tie, the vote of the SAC Chairperson is decisive.

8.5. Graduates who successfully pass the final attestation are issued a state-recognized diploma with a supplement.

8.6. A Master's dissertation that received a negative decision upon defense may be submitted for a re-defense no sooner than three months and no later than five years after the initial final state attestation.

8.7. A Master's student who fails to defend their work or is dismissed from the program due to academic failure is issued an academic transcript of the established format.

8.8. The Master's dissertation must be completed in compliance with the principles of academic integrity, scientific conscientiousness, and the ethics of scientific research.

8.9. By decision of the university, the best Master's dissertations may be placed in the JASU institutional electronic repository for the purpose of disseminating scientific results.