MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION
FEDERAL STATE BUDGETARY EDUCATIONAL INSTITUTION OF HIGHER EDUCATION
«OREL STATE AGRARIAN UNIVERSITY NAMED AFTER N.V. PARAKHIN»

APPROVED BY
Rector
FSBEI HE Orel State Agrarian University
___*Masalov*____ V.N. Masalov
March 25, 2026.

Main Professional Educational Program of Higher Education

Field of study 08.04.01 Construction

Specialization - Industrial and Civil Construction
Level of Higher Education

MASTER'S DEGREE

Study Mode – Full-time, Part-time
Program Duration – 2 years, 2 years 4 months
Year of Admission 2026
Qualification: Master

2026

Approval Sheet

The Main Professional Educational Program of Higher Education (MPEP HE) has been developed considering the requirements of the Federal State Educational Standard of Higher Education (FSES HE) of the new generation in the training program 08.04.01 Construction, approved by Order of the Ministry of Education and Science of Russia No. 482 dated June 23, 2017.

The MPEP HE was reviewed and approved at the meeting of the Department of Agro-Industrial and Civil Construction "17" March 2026, minutes No. 7.

The MPEP HE was reviewed and approved at the meeting of the Academic Council of the University, minutes No. 7 of "25" March 2026.

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Approval Sheet with Employer Representatives

Main Professional Educational Program of Higher Education (MPEP HE) in the training program 08.04.01 Construction, specialization Industrial and Civil Construction.

Employer Representative:

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General Director *Grigoriev* E.G. Grigoriev

Employer Representative:

General Director
LLC "Kholsis" *Glukhov* A.A. Glukhov

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1. REGULATORY DOCUMENTS FOR THE DEVELOPMENT OF THE MAIN PROFESSIONAL EDUCATIONAL PROGRAM OF HIGHER EDUCATION

The regulatory and legal framework for the development of the Main Professional Educational Program of Higher Education (hereinafter -- MPEP HE) consists of:

- Federal Law of the Russian Federation No. 273-FZ dated December 29, 2012 "On Education in the Russian Federation" (with amendments and additions);
- Order of the Ministry of Education and Science of Russia No. 301 dated April 5, 2017 "On Approval of the Procedure for Organizing and Implementing Educational Activities in Higher Education Programs -- Bachelor's Programs, Specialist's Programs, Master's Programs";
- Order of the Ministry of Education and Science of Russia No. 1061 dated September 12, 2013 "On Approval of the Lists of Specialties and Areas of Higher Education";
- Order of the Ministry of Education and Science of Russia No. 1245 dated November 18, 2013 "On Establishing Correspondence between Areas of Higher Education - Bachelor's, Areas of Higher Education - Master's, Specialties of Higher Education - Specialist's, the lists of which are approved by Order of the Ministry of Education and Science of the Russian Federation No. 1061 dated September 12, 2013, and Areas of Higher Professional Education confirmed by awarding qualifications (degrees) 'Bachelor' and 'Master', the lists of which are approved by Order of the Ministry of Education and Science of the Russian Federation No. 337 dated September 17, 2009, and Areas (Specialties) of Higher Professional Education confirmed by awarding the qualification (degree) 'Specialist', the list of which is approved by Decree of the Government of the Russian Federation No. 1136 dated December 30, 2009 (with amendments and additions);
- Order of the Ministry of Science and Higher Education of the Russian Federation and the Ministry of Education of the Russian Federation No. 885/390 dated August 5, 2020 "On Practical Training of Students";
- Order of the Ministry of Education and Science of the Russian Federation No. 636 dated June 29, 2015 "On Approval of the Procedure for Conducting State Final Assessment for Bachelor's Programs, Specialist's Programs, and Master's Programs";
- Order of the Ministry of Education and Science of Russia No. 86 dated February 9, 2016 "On Amendments to the Procedure for Conducting State Final Assessment for Educational Programs of Higher Education -- Bachelor's Programs, Specialist's Programs, and Master's Programs, approved by Order of the Ministry of Education and Science of the Russian Federation No. 636 dated June 29, 2015";
- Order of the Ministry of Education and Science of Russia No. 502 dated April 28, 2016 "On Amendments to the Procedure for Conducting State Final Assessment for Educational Programs of Higher Education -- Bachelor's Programs, Specialist's Programs, and Master's Programs, approved by Order of the Ministry of Education and Science of the Russian Federation No. 636 dated June 29, 2015";
- Order of the Ministry of Education and Science of Russia No. 83 dated February 8, 2021 "On Amendments to the Federal State Educational Standards of Higher Education -- Bachelor's in Areas of Study";

- Order of the Ministry of Education and Science of Russia No. 1456 dated November 26, 2020 "On Amendments to the Federal State Educational Standards of Higher Education";
- Federal State Educational Standard of Higher Education (FSES HE) in the field of study 08.04.01 "Construction", (Master's level), approved by Order of the Ministry of Education and Science of the Russian Federation No. 482 dated June 23, 2017;
- Charter of the Federal State Budgetary Educational Institution of Higher Education "Orel State Agrarian University named after N.V. Parakhin" (hereinafter -- the University);
- Regulatory and methodological documents of the Ministry of Education and Science of Russia;
- Professional Standards:
  10.021 Specialist in the field of calculation and design of concrete and reinforced concrete structures of buildings and structures, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated April 19, 2022 No. 222n (Registered with the Ministry of Justice of Russia, Registration No. 1542);
  10.022 Specialist in the field of calculation and design of wooden and timber-metal structures, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated April 19, 2022 No. 220n (Registered with the Ministry of Justice of Russia, Registration No. 1543);
  16.032 Specialist in the field of production, technical, and technological support for construction, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated April 27, 2023 No. 412n (Registered with the Ministry of Justice of Russia, Registration No. 266);
  16.155 Specialist in organizing the construction of residential and civil facilities, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated July 13, 2023 No. 585n (Registered with the Ministry of Justice of Russia, Registration No. 1637);
  10.004 Specialist in the field of quality assessment and expertise for urban development activities, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated October 11, 2021 No. 698n (registered with the Ministry of Justice of the Russian Federation on November 12, 2021, Registration No. 65775);
  16.114 Project Production Organizer in Construction, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated February 15, 2017 No. 183n (registered with the Ministry of Justice of the Russian Federation on March 16, 2017, Registration No. 45993);
  16.126 Specialist in the field of designing metal structures of buildings and structures for industrial and civil purposes, approved by Order of the Ministry of Labor and Social Protection of the Russian Federation dated March 13, 2017 No. 269n (registered with the Ministry of Justice of the Russian Federation on April 3, 2017, Registration No. 46220);
- Regulatory and methodological documents on the organization of the educational process of FSBEI HE Orel State Agrarian University.

2 CHARACTERISTICS OF THE MAIN PROFESSIONAL EDUCATIONAL PROGRAM OF HIGHER EDUCATION

2.1 Definition of the Main Professional Educational Program of Higher Education

The Main Professional Educational Program of Higher Education implemented in the field of study 08.04.01 Construction, specialization Industrial and Civil Construction, is a system of documents developed and approved by the Federal State Budgetary Educational Institution of Higher Education "Orel State Agrarian University named after N.V. Parakhin," considering the needs of the regional labor market, based on the Federal State Educational Standard of Higher Education (FSES HE) in the field of study 08.04.01 "Construction" (Master's level), approved by Order of the Ministry of Education and Science of the Russian Federation No. 482 dated June 23, 2017, as well as considering the recommended Model Main Professional Educational Program and professional standards.

The MPEP HE regulates the goals, expected results, content, conditions, and technologies for implementing the educational process, assessment of the quality of graduate training in this field of study, and includes: the curriculum, the academic calendar, work programs of academic disciplines (modules), internship programs, and state final assessment programs, as well as other materials ensuring the quality of student training, and the necessary methodological materials ensuring the implementation of the relevant educational technology.

2.2 Purpose and Objectives of the MPEP HE

The main goal of the Master's MPEP HE is to train qualified personnel in the field of construction by forming in students universal, general professional, and professional competencies according to FSES HE 08.04.01 Construction, specialization Industrial and Civil Construction, as well as developing personal qualities (purposefulness, organization, diligence, responsibility, communication skills, tolerance, general culture) that allow the application of these competencies in professional activities.

The MPEP HE aims to provide documentation and methodological support for the implementation of the FSES HE and, on this basis, to develop students' personal qualities, as well as to form universal, general professional, and professional competencies that contribute to successful activities in the training profile.

In the field of education, the goal of the MPEP HE in the field of study 08.04.01 Construction, specialization Industrial and Civil Construction, is to form the social and personal qualities of students: purposefulness, organization, diligence, responsibility, citizenship, communication skills, tolerance, and to improve their general culture.

In the field of instruction, the goal of the MPEP HE in the field of study 08.04.01 Construction, specialization Industrial and Civil Construction, is:

- To develop in graduates the competencies necessary for professional activity in accordance with the FSES HE;
- To develop the ability to acquire new knowledge, psychological readiness to change the type and nature of professional activity, and to provide the graduate with the opportunity for further education;
- To ensure a diversity of educational opportunities for students;

- To ensure the training of graduates capable of demonstrating flexibility and activity in the changing labor market conditions for areas of activity related to the competence of a Master of Construction.

The MPEP HE is based on a competency-based approach to expected learning outcomes and is focused on solving the following tasks:

- Focus on a multi-level education system;
- Enabling students to choose individual educational paths;
- Practice-oriented learning, combining fundamental knowledge with practical skills in the field of study;
- Developing graduates' readiness for active professional and social activity.

The structure of the educational program includes a basic (mandatory) part and a variable (profile) part established by the educational organization. The variable (profile) part allows for the expansion and/or deepening of knowledge, skills, and competencies defined by the content of the basic (mandatory) disciplines, enabling students to gain in-depth knowledge and skills for successful professional activity and/or continuation of professional education at the next level.

Educational activities under the MPEP HE (Master's) are conducted in the state language of the Russian Federation.

2.3 Requirements for Applicants

People with higher education are admitted to Master's programs.

Admission is carried out according to the Admission Rules of FSBEI HE Orel State Agrarian University.

2.4 Specialization of the MPEP HE

This MPEP HE is implemented in the field of study 08.04.01 Construction, specialization Industrial and Civil Construction. The specialization of the MPEP HE is determined by the disciplines of the variable part of the Master's program, which form professional competencies.

2.5 Qualification Awarded to Graduates

Upon successful completion of the MPEP HE, the graduate is awarded the qualification "Master" in the field of study 08.04.01 Construction, specialization Industrial and Civil Construction.

2.6 Workload of the MPEP HE

The total workload for a student to complete the MPEP is 120 credit units for the entire period of study, in accordance with the FSES HE for this field of study, and includes all types of contact and independent work, internships, and the time allocated for quality control of the student's mastery of the MPEP.

2.7 Duration of the MPEP HE

The duration of the MPEP HE in accordance with the FSES HE for this field of study is: for full-time study – 2 years; for part-time study – 2 years 4 months.

3 CHARACTERISTICS OF GRADUATES' PROFESSIONAL ACTIVITIES

3.1 Field of Professional Activity and Sphere(s) of Professional Activity of the Graduate

Fields of professional activity and/or spheres of professional activity in which graduates who have completed the program can carry out professional activities:

- 10 Architecture, Engineering and Design, Geodesy, Topography and Design
- 16 Construction and Housing and Communal Services

3.2 Type(s) of Tasks and Tasks of the Graduate's Professional Activity

Types of tasks of graduates' professional activity:

- Engineering and Design
- Expert-Analytical
- Survey
- Control-Supervisory
- Service-Operational

3.3 Objects of the Graduate's Professional Activity

List of main objects (or areas of knowledge) of graduates' professional activity:

- Buildings and structures for industrial and civil purposes.

3.4 List of Professional Standards Corresponding to the Professional Activities of Graduates who have Completed the MPEP HE

10.003 Specialist in the field of engineering and design for urban development activities
10.004 Specialist in the field of quality assessment and expertise for urban development activities
16.114 Project Production Organizer in Construction
16.126 Specialist in the field of designing metal structures of buildings and structures for industrial and civil purposes

3.5 Description of Generalized Labor Functions in Accordance with the Professional Standard

In accordance with the professional standard *"10.003 Specialist in the field of engineering and technical design for urban development activities" (approved by Order of the Ministry of Labor and Social Protection of the Russian Federation No. 730n dated October 19, 2021 (registered with the Ministry of Justice of the Russian Federation on November 15, 2021, Registration No. 65809)*, the graduate must master the following labor functions:

1. Regulation, organization, and planning in the field of engineering and technical design for urban development activities:

– Planning of engineering and technical design for urban development activities (C/01.7);
– Organization of work in the field of engineering and technical design for urban development activities (C/02.7);
– Development and updating of draft legal, regulatory, technical, organizational, and methodological documents regulating the field of engineering and technical design for urban development activities (C/03.7).

In accordance with the professional standard *"10.004 Specialist in the field of quality assessment and expertise for urban development activities," approved by Order of the Ministry of Labor and Social Protection of the Russian Federation No. 698n dated October 11, 2021 (registered with the Ministry of Justice of the Russian Federation on November 12, 2021, Registration No. 65775)*, the graduate must master the following labor functions:

1. Regulation, organization, and planning in the field of engineering and technical design for urban development activities:

– Planning of engineering and technical design for urban development activities (C/01.7);
– Organization of work in the field of engineering and technical design for urban development activities (C/02.7);
– Development and updating of draft legal, regulatory, technical, organizational, and methodological documents regulating the field of engineering and technical design for urban development activities (C/03.7).

In accordance with the professional standard *"16.114 Project Production Organizer in Construction," approved by Order of the Ministry of Labor and Social Protection of the Russian Federation No. 183n dated February 15, 2017 (registered with the Ministry of Justice of the Russian Federation on March 16, 2017, Registration No. 45993)*, the graduate must master the following labor functions:

1. Organization of interaction between employees engaged in the development of documentation necessary for approvals and expert reviews, construction and installation works, and designer's supervision:

– Monitoring the progress of design work, compliance with the documentation flow schedule, mutual coordination of design solutions by engineering and technical workers of various departments (B/01.7);
– Organization of design work processes, approvals and expert reviews, and delivery of documentation to the technical customer (B/02.7);
– Organization of designer's supervision over compliance with approved design solutions (B/03.7).

In accordance with the professional standard *"16.126 Specialist in the field of designing metal structures of buildings and structures for industrial and civil purposes," approved by Order of the Ministry of Labor and Social Protection of the Russian Federation No. 269n dated March 13, 2017 (registered with the Ministry of Justice of the Russian Federation on April 3, 2017, Registration No. 46220),* the graduate must master the following labor functions:

1. Management of the design department for preparing the section of project documentation for metal structures:

– Implementation of designer's supervision over compliance with approved design solutions for the section of project documentation for metal structures (D/01.7);
– Organization of the work of the design department for preparing the section of project documentation for metal structures for buildings and structures (D/02.7);

3.6 Key Partners of the Educational Program

Key partners involved in the formation and implementation of the MPEP HE are:

- LLC "Kursk-StrOyL", represented by General Director E.G. Grigoriev;
- LLC "Kholsis", represented by General Director A.A. Glukhov.

4 PLANNED RESULTS OF MASTERING THE MAIN PROFESSIONAL EDUCATIONAL PROGRAM OF HIGHER EDUCATION

4.1 Requirements for the Planned Results of Mastering the Educational Program, Provided by Disciplines (Modules) and Internships

The results of mastering the MPEP HE are determined by the competencies acquired by the graduate, i.e., their ability to apply knowledge, skills, and personal qualities in accordance with the tasks of professional activity.

4.1.1 Universal Competencies of Graduates and Indicators of Their Achievement

Category (group) of universal competencies	Code and name of universal competency	Code and name of indicator for achieving the universal competency
Systemic and Critical Thinking	UC-1. Able to perform critical analysis of problematic situations based on a systemic approach, and develop a strategy of action.	UC-1.1. Describes the essence of the problem situation, identifies the components of the problem situation and the relationships between them. UC-1.2. Collects and systematizes information on the problem, assesses the reliability of information about the problem situation. UC-1.3. Develops and justifies an action plan for

		solving the problem situation, chooses a method for justifying the solution (induction, deduction, analogy) for the problem situation.
Project Development and Implementation	UC-2. Able to manage a project at all stages of its life cycle.	UC-2.1. Formulates the goal, objectives, significance, and expected results of the project, determines the need for resources for project implementation. UC-2.2. Develops a project implementation plan, monitors project implementation. UC-2.3. Assesses the effectiveness of project implementation and develops an action plan for its adjustment.
Teamwork and Leadership	UC-3. Able to organize and lead a team, developing a team strategy to achieve the set goal.	UC-3.1. Develops team goals in accordance with project goals, forms the team composition, defines functional and role-based criteria for selecting participants, chooses team work rules as the basis for interpersonal interaction. UC-3.2. Develops and adjusts the team work plan, chooses a team management style according to the situation. UC-3.3. Assesses the effectiveness of the team's work, chooses a strategy for forming the team and monitors its implementation, monitors the implementation of the team's strategic plan.
Communication	UC-4. Able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction.	UC-4.1. Searches for information sources in Russian and foreign languages, uses information and communication technologies for searching, processing, and presenting information, composes and correctly translates academic and professional texts from a foreign language into the state language of the Russian Federation and from the state language of the Russian Federation into a foreign language. UC-4.2. Presents the results of academic and professional activities at public events, conducts academic and professional discussions in the state language of the

		Russian Federation and/or a foreign language. UC-4.3. Chooses the style of business communication appropriate to the interaction situation, conducts business correspondence.
Intercultural Interaction	UC-5. Able to analyze and consider cultural diversity in the process of intercultural interaction.	UC-5.1. Defines the goals and objectives of intercultural professional interaction in the context of different ethnic and religious value systems, identifies possible problem situations, chooses ways to integrate employees belonging to different cultures into the production team. UC-5.2. Chooses a way to overcome communicative, educational, ethnic, and confessional barriers for intercultural interaction when solving professional tasks. UC-5.3. Chooses a way of behaving in a multicultural team, considering the requirements of legislation in the field of counter-terrorism.
Self-organization and Self-development (including health preservation)	UC-6. Able to determine and implement priorities for one's own activities and ways to improve them based on self-assessment.	UC-6.1. Determines the level of self-esteem and level of aspirations as a basis for choosing priorities for one's own activities, priorities for personal development and professional growth, chooses goal-setting and goal-achievement technologies for setting personal development and professional growth goals. UC-6.2. Assesses own (personal, situational, temporal) resources, chooses ways to overcome personal limitations on the path to achieving goals. UC-6.3. Assesses the requirements of the labor market and educational services to build a trajectory of own professional growth.

4.1.2 General Professional Competencies of Graduates and Indicators of Their Achievement

Category of General Professional Competencies	Code and Name of General Professional Competency	Code and Name of Indicator for Achieving General Professional Competency

Theoretical Fundamental Preparation	GPC-1. Able to solve professional tasks based on the use of theoretical and practical foundations, mathematical tools of fundamental sciences.	GPC-1.1. Chooses fundamental laws describing the process or phenomenon under study. GPC-1.2. Assesses the adequacy of modeling results, formulates proposals for using the mathematical model to solve professional tasks. GPC-1.3. Applies standard optimization theory tasks in professional activities.
Information Culture	GPC-2. Able to analyze, critically comprehend, and present information, search for scientific and technical information, acquire new knowledge, also with the help of information technologies.	GPC-2.1. Collects and systematizes scientific and technical information about the object under consideration, including using information technologies. GPC-2.2. Assesses the reliability of scientific and technical information about the object under consideration. GPC-2.3. Uses application software to substantiate the results of solving professional tasks.
Theoretical Professional Preparation	GPC-3. Able to set and solve scientific and technical tasks in the field of construction, construction industry, and housing and communal services based on knowledge of industry problems and experience in solving them.	GPC-3.1. Chooses solution methods, establishes constraints for solving scientific and technical tasks in the field of professional activity based on regulatory and technical documentation and knowledge of industry problems and experience in solving them. GPC-3.2. Compiles lists of work and resources necessary for solving scientific and technical tasks in the field of professional activity. GPC-3.3. Develops and justifies the choice of a solution option for a scientific and technical task in the field of professional activity.
Working with Documentation	GPC-4. Able to use and develop design and administrative documentation, as well as participate in the development of regulatory legal acts in the construction industry and housing and communal services.	GPC-4.1. Chooses the current regulatory and legal documentation regulating professional activities. Chooses regulatory and technical information for developing design and administrative documentation. GPC-4.2. Develops and prepares project documentation in the construction

		industry and housing and communal services in accordance with current standards. GPC-4.3. Monitors the compliance of project documentation with regulatory requirements.
Design and Survey Works	GPC-5. Able to conduct and organize design and survey works in the field of construction and housing and communal services, carry out technical expert review of projects and designer's supervision over their compliance.	GPC-5.1. Sets and distributes tasks to performers of engineering and technical design works, monitors task completion. Chooses design solutions in the field of construction and housing and communal services. GPC-5.2. Monitors compliance with accessibility requirements for people with disabilities and other low-mobility groups when choosing architectural and structural solutions for buildings and structures, checks compliance of design and working documentation with the requirements of regulatory and technical documents, presents the results of design and survey works for technical expert review. GPC-5.3. Monitors compliance with design solutions during designer's supervision and occupational safety during design and survey works.
Research	GPC-6. Able to conduct research on objects and processes in the field of construction and housing and communal services.	GPC-6.1. Formulates goals, sets research tasks, chooses methods and techniques for conducting research, compiles a program for conducting research, determines the need for resources. GPC-6.2. Performs and monitors the performance of empirical research on the object of professional activity, processes the results of empirical research using methods of mathematical statistics and probability theory. GPC-6.3. Documents research results, prepares reporting documentation, formulates conclusions based on research results, presents and defends the results of the conducted research.
Organization and	GPC-7. Able to manage an	GPC-7.1.

Production Management	organization carrying out activities in the construction industry and housing and communal services, organize and optimize its production activities.	Assesses the applicability of organizational, managerial, and/or technological solutions for optimizing the production activities of the organization. GPC-7.2. Monitors the functioning of the quality management system, occupational safety, fire, and environmental safety rules in production. GPC-7.3. Assesses the effectiveness of the construction organization's activities.

4.1.3 Professional Competencies of Graduates and Indicators of Their Achievement

Task of professional activity (PA)	Object or area of knowledge	Code and name of professional competency	Code and name of indicator for achieving professional competency	Basis (PS, experience analysis)
Type of tasks of professional activity: Expert-Analytical				
Expert review of engineering solutions	Buildings, structures for industrial and civil purposes	PC-1. Ability to conduct expert review of design solutions for industrial and civil construction projects.	PC-1.1. Selection and analysis of regulatory documents governing the subject of the expert review, selection of methodology and criteria system for conducting the expert review. PC-1.2. Assessment of the compliance of technical and technological solutions in the field of industrial and civil construction with the requirements of regulatory documents. PC-1.3. Preparation of a draft conclusion on the results of the expert review.	16.126 Specialist in the field of designing metal structures of buildings and structures for industrial and civil purposes 10.004 Specialist in the field of quality assessment and expertise for urban development activities
Type of tasks of professional activity: Survey				
Implementation of technical management of design and survey works	Buildings, structures for industrial and civil purposes	PC-2. Ability to conduct and organize testing and inspection of building structures of industrial and civil construction projects.	PC-2.1. Preparation of plans for conducting tests and/or inspections of building structures, conducting worker briefings and monitoring the order of testing. PC-2.2. Preparation of reporting documents based on the results of tests and inspections of building	10.003 Specialist in the field of engineering and technical design for urban development activities 16.126 Specialist in the field of designing metal structures of

			structures. PC-2.3. Monitoring compliance with technological discipline and occupational safety requirements during testing and inspection of building structures.	buildings and structures for industrial and civil purposes
Type of tasks of professional activity: Design				
Development of design solutions and organization of design. Justification of design solutions: execution and control	Buildings, structures for industrial and civil purposes	PC-3. Ability to develop design solutions and organize design in the field of industrial and civil construction	PC-3.1. Development and presentation of pre-project solutions for industrial and civil construction, preparation of technical specifications for the preparation of project documentation for industrial and civil construction projects. PC-3.2. Selection of architectural, structural, and design solutions for the development of project documentation for industrial and civil construction projects, and structural solutions that ensure the formation of a barrier-free environment for people with disabilities and other low-mobility groups. PC-3.3. Assessment of the compliance of project documentation for industrial and civil construction projects with regulatory and technical documents, selection of anti-corruption measures in the development of design solutions and organization of design in the field of industrial and civil construction.	10.003 Specialist in the field of engineering and technical design for urban development activities 16.126 Specialist in the field of designing of metal structures of buildings and structures for industrial and civil purposes 16.114 Project Production Organizer in Construction
Type of tasks of professional activity: Design				
Development of design solutions and organization of design. Justification of design solutions: execution and control	Buildings, structures for industrial and civil purposes	PC-4. Ability to conduct and monitor the performance of design calculation justification for industrial and civil construction projects.	PC-4.1. Performance of calculation justification for the design solution of an industrial and civil construction project and documentation of its results. PC-4.2. Assessment of the	10.003 Specialist in the field of engineering and technical design for urban development activities 16.126 Specialist

			compliance of the results of the design calculation justification of the construction project with the requirements of regulatory and technical documents, assessment of the reliability of the results of the design calculation justification. PC-4.3. Preparation of an analytical report on the results of the design calculation justification for industrial and civil construction projects.	in the field of designing metal structures of buildings and structures for industrial and civil purposes
Type of tasks of professional activity: Control-Supervisory				
Implementation of control and supervision	Buildings, structures for industrial and civil purposes	PC-5. Ability to carry out construction control and technical supervision in the field of industrial and civil construction.	PC-5.1. Monitoring the technical condition of erected industrial and civil construction projects, construction technologies, and technical inspection of work results. PC-5.2. Assessment of compliance of the technology and results of construction and installation works with project documentation, requirements of technical regulations, and results of engineering surveys. PC-5.3. Preparation of reporting documentation based on the results of inspection of industrial and civil construction projects.	10.004 Specialist in the field of quality assessment and expertise for urban development activities
Type of tasks of professional activity: Service-Operational				
Ensuring the safety of professional activity objects	Buildings, structures for industrial and civil purposes	PC-6. Ability to develop design solutions and measures to ensure the safety of industrial and civil construction projects.	PC-6.1. Selection and analysis of regulatory documents and initial data for developing design solutions and measures to ensure the safety of industrial and civil construction projects. PC-6.2. Selection of methodology and parameters for monitoring the safe operation of industrial and civil construction projects in accordance with regulatory	10.004 Specialist in the field of quality assessment and expertise for urban development activities

			documents. PC-6.3. Monitoring the development of design solutions and measures to ensure the safety of industrial and civil construction projects.	

Competency Matrix

Name of Discipline	UC						GPC							PC					
	1	2	3	4	5	6	1	2	3	4	5	6	7	1	2	3	4	5	6
Business and intercultural communications			+	+	+	+													
Foreign language in professional communications				+															
Theory of calculation and design of building structures							+	+				+							
Fundamentals of Scientific Research	+			+				+				+							
Organization of design and survey activities									+	+	+	+							
Organization and management of production activities		+		+					+	+			+						
Information technology in construction							+	+											
Energy-efficient solutions in construction									+			+							
Project management		+																	
Inspection of buildings, structures and developments															+			+	
Modern progressive technological solutions in construction																	+		
Design of agricultural buildings and structures																+	+		
Light metal structure system in construction																+	+		
Foundations, retaining walls and pit fencing														+	+	+	+	+	
Project preparation in construction														+		+		+	
Construction control and technical supervision														+	+			+	
Modern architecture of buildings and structures														+		+			
Architecture of industrial buildings														+		+			
Reinforced concrete structures of industrial buildings with crane equipment																+			
Reinforced concrete structures of single-story buildings производственных зданий																+			
Organization of activities of a construction company																	+		
Monitoring the technical															+				

condition of buildings and structures																		
Introductory internship							+	+	+									
Research Work - acquiring primary research skills							+	+	+			+						
Technological internship														+				
Research Work							+	+	+			+					+	
Project internship										+				+		+	+	+
State Final Assessment	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

5 DOCUMENTS REGULATING THE CONTENT AND ORGANIZATION OF THE EDUCATIONAL PROCESS IN THE IMPLEMENTATION OF THE MPEP HE

In accordance with the Federal Law of the Russian Federation "On Education in the Russian Federation" No. 273-FZ dated December 29, 2012, the Procedure for Organizing and Implementing Educational Activities in Higher Education Programs -- Master's Programs, approved by Order of the Ministry of Education and Science of the Russian Federation No. 301 dated April 5, 2017, and the FSES HE for this field of study, the content and organization of the educational process in the implementation of the MPEP are regulated by the curriculum, work programs of disciplines (modules); internship programs; the State Final Assessment program, assessment and methodological materials ensuring the implementation of relevant educational technologies.

5.1 Curriculum

The competency-oriented curriculum, approved in the established manner, is provided in Appendix 1 (http://www.orelsau.ru/sveden/education/#docs).

The disciplinary-modular part of the curriculum is a traditionally used form of the curriculum. It shows the logical sequence of mastering disciplines and internships that ensure the formation of competencies. The total workload of disciplines and internships in credit units is indicated, as well as their total and classroom workload in hours, including contact work.

The competency-forming part of the curriculum links all mandatory graduate competencies with the temporal sequence of studying all disciplines and internships.

The structure of the Master's program includes a mandatory part and a part formed by participants in educational relations.

The volume of the mandatory part, excluding the volume of the state final assessment, is at least 15 percent of the total volume of the Master's program.

The structure of the Master's program includes the following blocks:

Block 1 "Disciplines (Modules)";

Block 2 "Internship";

Block 3 "State Final Assessment".

During the implementation of the program, students are provided with the opportunity to master elective and optional disciplines.

For each discipline and internship, the types of academic work and forms of intermediate assessment are indicated.

The implementation of the competency-based approach involves the extensive use of active and interactive forms of conducting classes (business games, case studies) in combination with extracurricular work to form and develop students' professional skills. Within the framework of academic courses, meetings with representatives of Russian and foreign companies, and master classes by experts and specialists are provided.

5.2 Academic Calendar

The MPEP HE includes an academic calendar for full-time and part-time study modes. The academic calendar indicates the sequence of implementation of the MPEP HE by year, including theoretical training, internships, intermediate assessments, final (state final) assessment, and vacations.

The academic calendar, approved in the established manner, is provided in Appendix 2 (http://www.orelsau.ru/sveden/education/#docs).

The academic calendar is subject to updating in connection with the approval of public holidays for each calendar year.

5.3 Work Programs of Disciplines (Modules)

The work programs of disciplines, approved in the established manner, are stored as part of the MPEP HE and are provided in Appendix 3 (http://www.orelsau.ru/sveden/education/#docs).

5.4 Internship Programs

The "Internships" section of the MPEP HE is mandatory and represents a type of academic activity directly focused on the professional and practical training of students.

Internships consolidate the knowledge and skills acquired by students through theoretical courses and special disciplines, develop practical skills, and contribute to the comprehensive formation of student competencies provided for by the Federal State Educational Standard of Higher Education in the field of study 08.04.01 "Construction," approved by Order of the Ministry of Education and Science of the Russian Federation No. 48 dated May 31, 2017.

Block 2 "Internships" includes educational and industrial internships.

Types of educational internship:

- introductory internship;
- Research work (acquiring primary research skills).

Types of industrial internship:

- Technological internship;
- Research work;
- Project internship.

Internships are conducted in external organizations or at the university's departments that have the necessary human resources and scientific and technical potential.

The goals and objectives, programs, and reporting forms are defined in the internship programs for each type of internship.

Assessment for the internship is carried out in the form of the student's defense of a completed individual or group assignment and/or presentation of a report, prepared in accordance with the rules and requirements established by the internship programs.

The internship programs, approved in the established manner, are stored as part of the MPEP HE and are provided in Appendix 4 (http://www.orelsau.ru/sveden/education/#docs).

5.5 State Final Assessment Program

Block 3 "State Final Assessment" includes the preparation and defense of the final qualifying work and preparation for and taking the state exam.

The state final assessment aims to establish the compliance of the level of professional training of graduates with the requirements of the FSES HE in the field of study 08.04.01 "Construction" (Master's level), specialization Industrial and Civil Construction.

The state final assessment is conducted in accordance with the approved State Final Assessment Program.

The State Final Assessment Program for students is included in the MPEP HE and is provided in Appendix 5 (http://www.orelsau.ru/sveden/education/#docs).

5.6 Assessment Materials (FAS) for Disciplines (Modules), Internships, Research Work, and State Final Assessment

In accordance with the requirements of the FSES HE and the Procedure for Organizing and Implementing Educational Activities in Higher Education Programs -- Bachelor's Programs, Specialist's Programs, Master's Programs, approved by Order of the Ministry of Education and Science of the Russian Federation No. 301 dated April 5, 2017, to assess students' personal achievements against the stage-by-stage requirements of the relevant MPEP, the university creates assessment materials (Funds of Assessment Tools -- FAT) for conducting current progress monitoring, intermediate assessment, and state final assessment.

The assessment materials for the MPEP HE allow assessing the level of competency formation and are developed in accordance with the Regulations on Assessment Tools.

Assessment tools include: control questions and standard tasks for practical and laboratory classes, for written works, tests, colloquiums, preparation of reports, abstracts, presentations, preparation of reports, group and individual projects, credits and exams; tests and computer testing programs; sample topics for term papers, abstracts, etc., as well as other forms of control that allow assessing the degree of formation of students' competencies.

For each learning outcome in a discipline or internship, indicators and criteria for assessing the formation of competencies at various stages of their formation, scales, and assessment procedures are defined.

To assess learning outcomes for each discipline and internship, the university uses a point-rating system.

The assessment materials for the state final assessment include a list of competencies that students must master as a result of mastering the educational program: a description of indicators and criteria for assessing competencies, as well as assessment scales; standard control tasks or other materials necessary for assessing the results of mastering the educational program;

methodological materials defining the procedures for assessing the results of mastering the educational program.

The assessment materials for each discipline (module), internship, research work, and state final assessment are provided as part of the MPEP HE.

5.7 Methodological Materials for Disciplines (Modules), Internships, Research Work, and State Final Assessment

Methodological materials represent a set of methodological materials for a discipline (module, internship, state final assessment / SFA), formed in accordance with the structure and content of the discipline (module, internship), the educational technologies used, and the forms of organizing the educational process.

Organizational and methodological materials (guidelines, recommendations) allow the student to optimally plan and organize the process of mastering the educational material.

Educational and methodological materials are aimed at students' assimilation of the content of the discipline (module, internship, SFA), as well as at checking and appropriately assessing the formation of students' competencies at various stages of mastering the educational material.

Educational publications that are used include: textbooks, study guides, teaching aids, etc.

6 CONDITIONS FOR IMPLEMENTING THE MPEP HE

6.1 General System Requirements for the Implementation of the MPEP HE

The organization owns or has another legal basis for the material and technical support of educational activities (premises and equipment) for the implementation of the Master's program in Block 1 "Disciplines (Modules)" and Block 3 "State Final Assessment" in accordance with the curriculum.

Each student throughout the entire period of study is provided with individual unlimited access to the electronic information and educational environment of the Organization from any location with access to the information and telecommunication network "Internet" (hereinafter -- the "Internet"), both on the territory of the Organization and outside it. The electronic information and educational environment of the Organization provides:

- access to curricula, work programs of disciplines (modules), internships, electronic educational publications, and electronic educational resources specified in the work programs of disciplines (modules) and internships;
- formation of the student's electronic portfolio, including the storage of their works and grades for these works.

The Scientific Library of Orel State Agrarian University is equipped with the necessary telecommunication equipment, communication facilities, electronic equipment, and has free access to the Internet. For students' independent work, reading rooms operate in almost every building, with a total of 400 seats, including 12 automated workstations with access to the Internet and the university's electronic educational environment.

The university's electronic library (http://80.76.178.135/MarcWeb/Work.asp?ValueDB=41&DisplayDB=marc), including access to

resources, virtual services, and information materials, is formed on the unified portal of the Scientific Library (http://library.orelsau.ru/about/).

Each student is provided with individual unlimited access to the electronic information resources of the Scientific Library (http://library.orelsau.ru/els-remote-access-by-subscription.php) from any point on the Internet, containing: resources of electronic library systems, electronic libraries, modern professional databases, and information reference systems:

- Electronic Library of the "Urait" Publishing House https://biblio-online.ru/; access is available from any internet point using login and password after registration from the university's IP addresses;
- Electronic Library System of the "Lan" Publishing House https://e.lanbook.com/; access is available from any internet point using login and password after registration from the university's IP addresses. Students with visual impairments need to download the special mobile application "LAN" ELS on iOS and Android platforms, which includes an integrated speech synthesizer and unique services.
- ELS "IPRbooks" http://www.iprbookshop.ru/; access is available from any internet point via personal account after registration from the university's IP addresses. Students with visual impairments need to download the special mobile application "IPRbooks WV-reader" on the Android platform;
- National Digital Resource RUCONT https://rucont.ru/chapter/rucont; access to the database via login and password;
- EBS BOOK.RU https://www.book.ru/static/about; access is available from any internet point via personal account after registration from the university's IP addresses.
- Techexpert. Professional Reference System https://cntd.ru/;
- Grebennikov Electronic Library https://grebennikon.ru/; access via login and password;
- International abstract database Web of Science https://gaugn.ru/ru-ru/forstudent/WoS;
- International abstract database Scopus https://www.scopus.com/search/form.uri?display=basic. Contracts concluded with these publishers are posted on the Scientific Library website http://library.orelsau.ru/news/electronic-copies-of-contracts.php

Each student at the university is provided with local and remote access to modern professional databases and information reference systems via login and password. Students with disabilities are provided with electronic educational resources adapted to their health limitations. Each student is provided with individual unlimited access to the electronic information and educational environment from any location with Internet access.

When using printed publications in the educational process, the library fund is equipped with printed publications at the rate of 0.25 copies of each publication per student from among those simultaneously mastering the relevant discipline.

The periodicals fund includes, among others, the following publications on the MPEP:

- Printed periodicals -- electronic scientific journals on the NEB eLibrary platform https://elibrary.ru/org_profile.asp?id=4691;
- Electronic scientific journals in Grebennikov collection https://grebennikon.ru/; electronic scientific journals in the ELS collection of the "Lan" Publishing House https://e.lanbook.com/journals/939;
- Specialized electronic periodicals in the information and reference system (IRS) "Techexpert" https://cntd.ru/;

– Archive of scientific journals of the Non-Commercial Partnership "National Electronic Information Consortium (NP NEICON) https://archive.neicon.ru/xmlui/

6.2 Material, Technical, and Educational-Methodological Support of the MPEP HE

Considering the requirements of the FSES HE for this field of study, the educational process is fully provided with a material and technical base, including classrooms for conducting training sessions provided for by the Master's program, equipped with equipment and technical teaching aids, the composition of which is determined in the work programs of disciplines (modules).

Premises for students' independent work are equipped with computer equipment with Internet access and access to the Organization's electronic information and educational environment.

The Organization is provided with the necessary set of licensed and freely distributed software, including domestically produced software (the composition is determined in the work programs of disciplines (modules) and is subject to updating as necessary).

6.3 Staffing for the Implementation of the MPEP HE

The Master's program is provided by the university's teaching staff, as well as persons involved on other terms.

The qualifications of teaching staff meet the qualification requirements specified in qualification reference books and/or professional standards.

The share of teaching staff participating in the implementation of the Master's program and persons involved by the university on other terms (based on the number of replaced positions, reduced to integer values) conducting scientific, educational-methodological, and/or practical work corresponding to the profile of the taught discipline (module) is at least 70%.

The share of teaching staff participating in the implementation of the Master's program and persons involved by the university on other terms (based on the number of replaced positions, reduced to integer values) who are managers and/or employees of other organizations carrying out labor activities in the professional sphere corresponding to the professional activity for which graduates are being prepared, and having work experience in this professional sphere of at least 3 years, is at least 5%.

The share of teaching staff participating in the implementation of the Master's program and persons involved by the university on other terms (based on the number of replaced positions, reduced to integer values) holding an academic degree (including an academic degree obtained in a foreign country and recognized in the Russian Federation) and/or an academic title (including an academic title obtained in a foreign country and recognized in the Russian Federation) is at least 60%.

6.4 Financial Conditions for the Implementation of the MPEP HE

The financial support for the implementation of the Master's program is carried out in an amount not lower than the basic standard costs for the provision of public services in the field of education for this level of education and field of study, established by the Ministry of Education

and Science of the Russian Federation, taking into account correction factors that take into account the specifics of the educational program, in accordance with the Methodology for Determining Standard Costs for the Provision of Public Services for the Implementation of State-Accredited Educational Programs of Higher Education in Specialties and Areas of Study, approved by Order of the Ministry of Education and Science of the Russian Federation No. 1272 dated October 30, 2015 (registered with the Ministry of Justice of the Russian Federation on November 30, 2015, Registration No. 39898).

6.5 Quality Assessment of Educational Activities and Student Training under the MPEP HE

The educational organization is responsible for ensuring the quality of student training in the implementation of the Master's program and for students achieving the required results of mastering the program. It guarantees the quality of training, including:

- Review of educational programs;
- Development of objective procedures for assessing the level of students' knowledge and skills, and graduates' competencies;
- Ensuring the competence of the teaching staff;
- Regular self-examination with the involvement of employer representatives;
- Informing the public about the results of its activities, plans, and innovations.

The quality level of the Master's program and its compliance with the FSES HE requirements are established during checks for compliance with licensing requirements, as well as during state accreditation.

The quality level of the Master's program and its compliance with labor market requirements and professional standards can be established during professional-public accreditation of the program.

Assessment of the quality of mastering Master's programs by students includes current progress monitoring, intermediate assessment of students, and final (state final) assessment.

Specific forms and procedures for current progress monitoring and intermediate assessment of students for each discipline (module) and internship are established by the curriculum, specified in the work program of the discipline (module), and communicated to students via their personal accounts (university electronic information and educational environment) at the beginning of the semester.

To carry out the procedures for current progress monitoring and intermediate assessment of students, the university's teachers have developed funds of assessment tools that allow assessing the achievement of the planned learning outcomes in the educational program and the level of formation of all competencies stated in the MPEP HE. In order to bring current progress monitoring and intermediate assessment of students closer to the tasks of their future professional activities, Orel State Agrarian University involves employers from among the current managers and employees of specialized organizations (having work experience in this professional field of at least 3 years), as well as teachers of related educational fields, in the procedures of current progress monitoring and intermediate assessment.

Students are given the opportunity to evaluate the content, organization, and quality of the educational process as a whole and of individual disciplines (modules) and internships. For

this purpose, the educational program is posted on the official website of Orel State Agrarian University in the "Education" section, and student surveys are conducted.

External assessment of the quality of implementation of the MPEP HE is determined during the following activities:

- Review of the educational program by managers and/or employees of organizations whose activities are related to the specialization (profile) of the implemented Master's program and who have work experience in this professional field of at least 3 years;
- Assessment of the professional activities of Masters by employers during internships;
- Receiving feedback from employers during students' participation in regional and interregional competitions in various types of professionally oriented activities.

7 CHARACTERISTICS OF THE UNIVERSITY'S SOCIOCULTURAL ENVIRONMENT ENSURING THE DEVELOPMENT OF STUDENTS' UNIVERSAL COMPETENCIES

Educational work and social policy are priority areas in the activities of the Federal State Budgetary Educational Institution of Higher Education "Orel State Agrarian University named after N.V. Parakhin."

The main structural units involved in educational work and social policy at FSBEI HE Orel State Agrarian University are:

- Rector's Office;
- Student Council of the University;
- Dean's Offices of Faculties (Institutes);
- Student Council of the Faculty (Institute);
- Youth Center;
- Departments;
- Scientific Library of the University;
- Primary Trade Union Organization of Students;
- Department of Physical Education.

The goal of educational work at FSBEI HE Orel State Agrarian University with students is the comprehensive development of the individual, possessing social activity and the qualities of a citizen of the Russian Federation.

The main principles of educational work at FSBEI HE Orel State Agrarian University are comprehensiveness of approach, regularity and systematicity, scientific character and continuity, concreteness and differentiation, unity of teaching and upbringing, humanism and collectivism, democracy, interest, and student activity.

The main tasks of educational work at FSBEI HE Orel State Agrarian University are:

- Formation of moral, spiritual, and cultural values and needs, ethical standards, and generally accepted rules of behavior in society among students;
- Creation of conditions for creative self-realization of the individual and for students' leisure time outside academic hours;
- Creation of a full-fledged socio-pedagogical educational environment.

Within the framework of the educational work process with students at FSBEI HE Orel State Agrarian University, the following types of activities are carried out:

- Planning of educational and extracurricular activities;
- Implementation of educational and extracurricular activities in the following areas:
  a) Cultural, mass, and creative activities;
  b) Physical education;
  c) Student health improvement;
  d) Information work;
  e) Public activities;
  f) Formation of students' moral, spiritual, and cultural values, prevention of offenses, and strengthening of academic discipline;
- Management of educational and extracurricular activities;
- Student surveys.

Educational and extracurricular work at FSBEI HE Orel State Agrarian University is implemented at three levels of management:

- At the University level;
- At the Faculty level;
- At the Department level.

At the University level, coordination of educational and extracurricular work is carried out by the Vice-Rector for Educational Work.

The Vice-Rector for Educational Work:

- Provides methodological support for the educational and extracurricular work process at the University;
- Exercises current control over the implementation of the Educational and Extracurricular Work Plans of faculties and the Work Plan of the University's Youth Center;
- Adjusts the content of certain university events, forms, and methods of educational and extracurricular work;
- Coordinates the participation of amateur and public organizations of FSBEI HE Orel State Agrarian University in the educational and extracurricular work process;
- Participates in the preparation of draft orders, directives of the Rector of the University, and draft resolutions of the Academic Council of the University;
- Coordinates the educational and extracurricular work of the Scientific Library of FSBEI HE Orel State Agrarian University, the Youth Center, and the Museum of FSBEI HE Orel State Agrarian University;
- Coordinates the implementation of cultural and educational programs.

At the University level, educational and extracurricular work with students is carried out by the Youth Center of FSBEI HE Orel State Agrarian University.

The Youth Center operates according to the Regulations on the Youth Center, which reflect the main directions of the Youth Center's educational and extracurricular work with students. The Youth Center accepts applications from orphans and children left without parental care for enrollment in full state support, and also organizes sanatorium-resort and cultural trips for students and postgraduates.

At the beginning of the academic year, the Youth Center draws up a Work Plan of the Youth Center, which specifies specific activities for educational and extracurricular work with

students. The Work Plan of the Youth Center is approved by the Vice-Rector for International Relations and Educational Work, and at the end of the academic year, the Head of the Youth Center reports on the implementation of the Work Plan of the Youth Center to the Vice-Rector for International Relations and Educational Work.

To coordinate work in certain areas of educational and extracurricular work of FSBEI HE Orel State Agrarian University, the Student Council of the University has been created, within which five committees function:

- Public Catering Commission;
- Information Committee;
- Leisure Committee;
- Educational Process Committee;
- Dormitory Council.

At the Faculty level, the general management of educational and extracurricular work is carried out by the Dean of the Faculty.

To coordinate and organize educational and extracurricular work at the faculty (institute), a Deputy Dean (Director) for Educational Work is appointed.

The work of Deputy Deans for Educational Work is carried out on the basis of the Educational and Extracurricular Work Plans of the Faculty, which are considered at the Academic Councils of the faculties (institute).

The Deputy Dean (Director) for Educational Work:

- Organizes the payment of social scholarships to low-income students and postgraduates; collects applications and distributes students and postgraduates for accommodation in the dormitory;
- Conducts their work in close cooperation with heads of departments, tutors, and the Council of Student Monitors;
- Prepares the draft of the Educational and Extracurricular Work Plan of the faculty (institute);
- Organizes the participation of the faculty (institute) in university-wide educational events;
- Develops proposals and recommendations (as needed) on ways to improve the process of educational and extracurricular work with students and its financial support;
- Prepares proposals for encouraging students for active participation in the public life of departments and faculties.

To organize educational and extracurricular work with a group of students, based on the order of the Dean of the Faculty (Director of the Institute) upon the recommendation of the head of the graduating department, the functions of a group tutor (curator) are assigned, who also participates in the process of educational and extracurricular work with students.

Other structural units of FSBEI HE Orel State Agrarian University also participate in the process of educational and extracurricular work with students:

The Primary Trade Union Organization of Students carries out its work on the basis of the Charter of the Federation of Trade Unions of the Oryol Region. The Primary Trade Union Organization of Students organizes the payment of financial assistance and trade union scholarships to students and postgraduates (according to the Resolution of the Oryol Regional Committee of the Trade Union of Agricultural Workers No. 19-13 dated September 21, 2007

"On the Regulations on Scholarships of the Trade Union of Agricultural Workers of the Oryol Region"), as well as the work of the trade union activist school.

The Department of Physical Education carries out its activities and participates in the implementation of the process of educational and extracurricular work with students in accordance with the Regulations on the Department of Physical Education.

The Scientific Library of FSBEI HE Orel State Agrarian University carries out educational and extracurricular work with students on a planned basis, in close cooperation with the faculties. The Scientific Library of FSBEI HE Orel State Agrarian University implements the education of information culture: developing skills in using books, other learning tools, and the scientific library; preparing readers to work with the reference apparatus, including in an automated mode. The library staff, together with the teachers of the departments, participate in the implementation of cultural and educational programs and provide assistance to the Youth Center in organizing cultural and educational events (in accordance with QMS-SP-25.01 "Regulations on the Scientific Library").

Museum of FSBEI HE Orel State Agrarian University. The work of the Museum of FSBEI HE Orel State Agrarian University is built considering the priority areas of educational and extracurricular work with students.

8 FEATURES OF ORGANIZING THE EDUCATIONAL PROCESS FOR PEOPLE WITH DISABILITIES

The Organization provides people with disabilities and people with limited health conditions (upon their request) with the opportunity to study under the Master's program, considering the features of their psychophysical development, individual capabilities, and, if necessary, ensuring the correction of developmental disorders and social adaptation of these people.

TERMS, DEFINITIONS, AND ABBREVIATIONS

- UQS – Unified Qualification Reference Book
- c.u. – credit unit
- MPEP – Main Professional Educational Program
- GLF – Generalized Labor Function
- GPC – General Professional Competencies
- Organization – the organization carrying out educational activities under the Bachelor's program in the field of study 08.03.01 Construction, specialization Industrial and Civil Construction (FSBEI HE Orel State Agrarian University named after N.V. Parakhin)
- PC – Professional Competencies
- MPEP – Model Main Educational Program (used in context as Model PEP)
- PS – Professional Standard
- FGS – Field of Study Group (Used in context as UGS -- enlarged group of specialties and areas of training)
- UC – Universal Competencies
- FL – Federal Law

– FSES HE – Federal State Educational Standard of Higher Education

Amendment Registration Sheet

Amendment Number	Text of Amendment	Order, Minutes of the Academic Council Meeting of the University	
		№	Date