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«SAINT-PETERSBURG STATE UNIVERSITY OF ECONOMICS» (UNECON)

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**BASIC PROFESSIONAL DEGREE PROGRAMME OF HIGHER
EDUCATION**

Field of Study	<u>38.04.02 Management</u>
Major (profile)	<u>Energy business</u>
Level of higher education	<u>Master's degree</u>
Qualification	<u>Master</u>
Form of training	<u>Full-time</u>
Year of enrolment	<u>2024</u>

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1. GENERAL DESCRIPTION OF THE BASIC PROFESSIONAL DEGREE PROGRAMME (HEREINAFTER-“BPDP”)

1.1. General provisions

ACADEMIC PREREQUISITES FOR THE BPDP ENTRANCE

Master’s degree BPDP applicants should have a correspondent level of higher education confirmed with a degree certificate evidence.

TERMS AND WORKLOAD OF BPDP COMPLETION:

BPDP workload makes 120 credits, regardless of study mode, training technologies applied, network BPDP implementation, individual study track implementation.

Study workload per one academic year should not exceed 70 credit units, regardless of study mode, training technologies applied, network BPDP implementation, individual study track implementation (excluding extramural studies), for extramural studies – not more than 80 credit units.

Terms of BPDP completion (regardless of training technologies applied):

For Full-time studies, including vacation period after graduation – 2 academic years;

For part-time studies or extramural studies, the term of BPDP completion is extended for at least 3 months and not more than 6 months compared to the full-time studies.

Language of instruction: BPDP is implemented in the governmental language of the Russian Federation (Russian).

1.2. BPDP structure and contents

BPDP structure comprises a compulsory part and a part formed by the participants of the educational relations.

The curriculum reflects BPDP structure, which consists of blocks. The workload of the blocks and parts of BPDP fully corresponds to the values established by FSES of Higher Education.

The curriculum defines the list and sequence of courses (modules), internships, intermediate and final state examination, their workload in credit units and academic hours, the distribution of lectures, practical, laboratory classes and self-study of students. For each course (module) and internship the form of intermediate attestation is indicated. The schedule reflects the distribution of types of learning activities, students' attestation time and holidays by courses of study.

BPDP curriculum and academic calendar are presented in the Appendix.

1.3. Peculiarities of BPDP implementation

Indicator name	Value	Information value
Use of the network form for BPDP implementation	Yes/no	no
Use of e-study form	Yes/no	yes
Use of distance learning technologies	Yes/no	yes
Use of modular principle of the BPDP content and design of curricula	Yes/no	no

1.4. Graduates' professional activities profile

Area of professional activity and scope of internship:

08 Finance and Economics (in the field of internal and external financial control and audit, financial consulting; risk management; procurement management);

40 Cross-cutting types of professional activities in industry (in the areas of: strategic and tactical planning and production organization; logistics in transport; organization of supply networks);

the field of consulting, including analysis and forecasting of the development of the organization, development of measures to improve the management of the organization, resolution of other issues of a strategic and tactical nature;

the field of strategic, tactical and operational management and planning of the organization's activities, including financial, project management and organization development.

Types of professional tasks:

- advisory;
- organizational and managerial

1.4.1. REQUIREMENT TO THE RESULTS OF BPDP COMPLETION

The following competencies should be developed as a result of completing BPDP.

Universal and general competencies

Competence code and name	Competence acquisition indicator and name
UC-1. Capable of critically analyzing problem situations using a systematic approach, and to develop a strategy for action	UC-1.1. Demonstrates systematic and critical thinking skills and a willingness to formulate their own judgements and assess information in a competent, logical and rational way
	UC-1.2 Determines and evaluates the practical consequences of possible solutions to a problem, develops and proposes various strategic solutions to the problem based on a

	systematic approach.
UC-2. Capable of managing a project through all stages of its life cycle	UC-2.1. Capable of developing a project implementation strategy, selecting competent project implementers, formulating a set of interrelated tasks to achieve the set objective
	UC-2.2. Designs solutions to specific problems by identifying the best ways of solving them, determines the resources to achieve the goal
UC-3. Capable of organizing and leading a team, developing a team strategy to achieve a goal	UC-3.1. Capable of taking an active, responsible, leadership position in a team, demonstrating leadership qualities and skills
	UC-3.2. Understands the specifics of organizational culture and communication with management, and is able to motivate individual employees and the team as a whole
UC-4. Capable of using modern communication technologies, including in foreign language(s), for academic and professional interaction	UC-4.1. Aware of the principles of oral and written expression in national and foreign languages: the requirements for business and professional communication
	UC-4.2. Proficiently perceives, analyses and critically evaluates oral and written business information in the national and foreign language(s), including the use of information technology
UC-5. Capable of analyzing and considering the diversity of cultures in intercultural interactions	UC-5.1. Identifies and uses information necessary for self-development and interaction with others about the cultural characteristics and traditions of different social groups
	UC-5.2. Interacts effectively with people in a socially and culturally sensitive manner in order to successfully perform professional tasks and enhance social inclusion
UC-6. Capable of identifying and implementing priorities for his/her own work and how to improve it on the basis of self-assessment	UC-6.1. Understands the importance of planning forward-looking activity objectives, considering conditions, means, personal capabilities, time perspective of activity development and labour market requirements
	UC-6.2. implements the intended objectives of the activity considering conditions, means, personal abilities, a temporary perspective of activity development and labour market requirements; demonstrates interest in self-education and uses the opportunities provided to acquire new knowledge and skills
GPC-1. Capable of solving professional problems on the basis of knowledge (at an advanced level) of economic, organizational and management theory, innovative approaches, generalization and critical analysis	GPC-1.1. Understands the terms, concepts, approaches, models of economic, organizational and managerial theories to the extent necessary to solve professional problems

of management internships	GPC-1.2. Applies innovative approaches based on advances in economic, organizational and management theories to solve professional problems
GPC-2. Capable of applying modern data collection techniques and methods, advanced data processing and analysis methods, including the use of intelligent information-analytical systems, when solving management and research problems	GPC-2.1. Effectively uses modern data collection techniques and methodologies, advanced data processing and analysis methods, and intelligent information and analytical systems in solving management and research problems
	GPC-2.2. Develops and implements research and analytical projects to inform management decision-making
GPC-3. Capable of independently making sound organizational and managerial decisions, assessing their operational and organizational effectiveness and social relevance, ensuring their implementation in a complex (including cross-cultural) and dynamic environment	GPC-3.1. Understands the specific behaviour of actors in socio-economic interactions depending on the specific environment, including the specificities of cross-cultural interactions
	GPC-3.2. Critically evaluates alternative solutions to the professional tasks at hand, develops and justifies solutions taking into account efficiency criteria, risk assessment and possible socio-economic consequences
GPC-4. Capable of leading project and process activities in an organization using modern management internships, leadership and communication skills, identifying and evaluating new market opportunities, designing strategies for the creation and development of innovative activities and appropriate business models for organizations	GPC-4.1. Understands the basics of organizing project activities in modern organizations, methods and techniques for creating business models and process management, models and methods of innovation management.
	GPC-4.2. Conducts market analysis and identifies new market opportunities, and develops strategic decisions for the creation and development of the organization's innovation activities.
	GPC-4.3. Develops innovative business models through modern digital technologies, using modern management internships, leadership and communication skills
GPC-5. Capable of summarizing and critically appraising scientific research in management and related fields, and of carrying out research projects	GPC-5.1. Demonstrates an understanding of the current state of scientific research in management and related fields, modern methods and tools of analysis for research and analytical tasks.
	GPC-5.2. Critically evaluates the results of scientific research, analyses, summarizes, systematizes and evaluates the results of scientific research in management and related fields, and develops and implements research, analytical, consultancy and other similar projects.

Professional competencies

Professional competences developed in accordance with professional standards:

Professional standard	Generalized work function	Code and name of the competence	Competence acquisition indicator code and name
08.036 Professional standard " Investment project specialist", approved by Order No. 239n of the Ministry of Labour and Social Protection of the Russian Federation of 16.04.2018 (registered by the Ministry of Justice of the Russian Federation on 8 May 2018 г., № 51016)	Implementation of the investment project	PC-5. Able to develop and implement investment projects in the energy sector	PC-5.1. Develops investment projects in the energy industry
			PC-5.2. Develops a roadmap for the investment project, coordinates with stakeholders

Professional competences formed on the basis of the analysis of professional competence requirements for graduates in the labour market, generalization of domestic and foreign experience, consultations with leading employers, employers' associations of the industry in which graduates are in demand, other sources:

Code and name of the competence	Competence acquisition indicator code and name
PC-1. Able to carry out financial planning, organization and control at the level of a project/structural unit of an enterprise in the energy sector	PC-1.1. Analyzes the activities of energy industry enterprises in changing conditions, offers management decisions for business development, and evaluates their effectiveness
	PC-1.2. Develops projects in the field of energy, assesses the prospects for their implementation, taking into account the peculiarities of foreign legislation and regulation
PC-2. Able to assess the value of the company, incl. identify factors that determine the value of a business, calculate financial and economic indicators for assessing the value of a company, and make decisions on managing the value of a company	PC-2.1. Analyzes the value of the company taking into account the influence of environmental factors
	PC-2.2. Able to analyze financial conditions of doing business
PC-3. Able to analyze and forecast the development of an energy company, develop measures to improve the management of the organization	PC-3.1. Develops scenarios for the development of the company and markets
	PC-3.2. Conducts monitoring, analyzes the onset of shock phenomena, analyzes the reaction of companies
PC-4. Proficient in digital technologies in the energy business, able to analyze the effectiveness of their use in the company and	PC-4.1. Identifies digital technologies necessary to implement current business processes

1.5. Resource support

1.5.1. System-wide requirements to BPDP implementation

The University possesses the material and technical support of educational activities (premises and equipment) for the implementation of BPDP in Block 1 "Courses (modules)" and Block 3 "State Final Attestation" in accordance with the curriculum.

Each student during the entire period of study is provided with individual unlimited access to the electronic information and educational environment of the University from any point that has access to information and telecommunications network "Internet" (hereinafter - the "Internet"), both on the territory of the University and outside it.

The electronic information and educational environment of the University provides:

- access to curricula, syllabi of courses (modules), syllabi of internships, electronic educational editions and electronic educational resources specified in syllabi of courses (modules), syllabi of internships;
- forming an electronic portfolio of students, including the preservation of their papers and grades for these papers;
- recording the progress of the educational process, the results of interim certification and the results of BPDP completion;
- conducting study sessions, evaluation procedures of learning outcomes, implementation of which is envisaged with the use of e-learning, distance learning technologies;
- interaction between participants in the educational process, including synchronous and (or) asynchronous interaction via the Internet.

The functioning of the electronic information and educational environment is ensured by appropriate means of information and communication technologies and the qualifications of the employees who use and support it. The functioning of the electronic information and education environment complies with the legislation of the Russian Federation.

1.5.2. Staff conditions for the implementation of the BPDP

The implementation of BPDP is provided by the teaching staff of the University, as well as by persons engaged in the implementation of the BPDP on other terms.

The qualifications of the teaching staff involved in the implementation of the BPDP, correspond to the qualification requirements specified in the qualification handbooks, and (or) professional standards (if applicable).

At least 70% of teaching staff of the University, involved in the implementation of the BPDP, and persons involved in the implementation of the BPDP (based on the number of substituted positions, reduced to integer values),

conduct scientific, educational, methodological and (or) practical work that corresponds to the profile of the course (module) taught.

At least 5 % of the university teaching staff involved in the implementation of BPDPs and those involved in the implementation of BPDPs on other terms (based on the number of substituted positions reduced to integer values) are managers and (or) employees of other organizations that carry out work in the professional sphere relevant to the professional activity in which graduates are trained (have at least 3 years of work experience in this professional sphere).

At least 60% of the number of university teaching staff and persons involved in the educational activities of the university on other terms (based on the number of substituted rates, reduced to integer values) have a scientific degree (including scientific degree obtained in a foreign country and recognized in the Russian Federation) and (or) an academic title (including academic title obtained in a foreign country and recognized in the Russian Federation).

General supervision of scientific and pedagogical content of BPDPs shall be carried out by a scientific-pedagogical employee of the University who has a scientific degree (including a degree awarded abroad and recognized in the Russian Federation), carries out independent research (creative) projects (participates in the implementation of such projects) in the field of training, has annual publications on the results of the specified research (creative) activities in leading domestic and (or) foreign peer-reviewed scientific journals, and annually approves the results of these research (creative) activities at national and international conferences.

1.5.3. Material and technical, educational and methodological support of the BPDP

For implementation of BPDPs the University has premises for classes - classrooms equipped with equipment and technical means of training, the composition of which is determined in the syllabi of the courses.

The rooms for students' self-study are equipped with computers with the ability to connect to the Internet and provide access to the electronic information and educational environment of the university.

It is allowed to replace the equipment with its virtual counterparts.

When using printed publications in the educational process, the library fund is equipped with printed publications at the rate of at least 0.25 copies of each of the publications specified in the working programs of courses, programs of internship, per student from the number of persons simultaneously mastering the relevant course, undergoing the appropriate internship.

Students are provided with access (remote access) to modern professional databases and information reference systems, the composition of which is determined in the syllabi of courses and is subject to update (if necessary).

Educational and methodological support is presented in the syllabi of courses and internships.

UNECON has its own collection of electronic textbooks and manuals of the

University teachers as part of the electronic catalogue: <http://opac.unecon.ru/>.

1.5.4. Financial conditions of BPDP

The financial support for the implementation of the BPDP is carried out in the amount not lower than the basic standards of costs for the provision of public services for the implementation of higher education programmes – Master's programmes and the values of correction factors to the basic standards of costs, determined by the Ministry of Education and Science of the Russian Federation.

1.6. Socio-cultural environment

University has a socio-cultural environment, which provides solutions to the tasks of social and educational work.

Educational work is carried out to solve the tasks within the framework of the academic programme.

Educational work at the University is carried out in accordance with the documents regulating the order of educational work.

A special place in the system of social and educational work of the Faculty/Institute is occupied by student self-government

1.7. Quality assessment of educational activities and training of students on BPDP

Quality of educational activities and training of students on BPDP is determined within the system of internal quality assessment of educational activities, as well as the system of external evaluation.

In order to improve the quality of educational activities and students' training on BPDPs, employers and (or) their associations, other legal and (or) physical persons, including scientific and pedagogical staff of the University are involved in regular internal quality assessment of educational activities and students' training on BPDPs.

Assessment of the quality of students' training on academic programmes includes current control of progress, interim and final state attestation of students.

As part of the internal system of quality assessment of educational activities on BPDPs, students are provided with the opportunity to assess the conditions, content, organization and quality of the educational process as a whole and individual courses (modules) and internships.

The internal quality assessment of educational activities includes control and assessment of the conditions and procedures for the implementation of BPDP, assessment of the activities of teaching staff, student satisfaction with the conditions and results of training, accounting of the results of control and assessment in the system of indicators of compliance of the educational activities of the educational organization with the requirements of federal state educational standards, professional standards (if any) and labour market requirements.

The external assessment of the quality of educational activities in BPDP is carried out within the procedure of state accreditation in order to confirm the

compliance of the educational activities in the BPDP with the requirements of the FSES of higher education, considering the relevant FSES of higher education.

The external assessment of the quality of educational activities and students' training in BPDP is carried out within the framework of professional and public accreditation conducted by employers, their associations, as well as their authorized organizations, including foreign organizations, or authorized national professional and public organizations, members of international structures, in order to recognize the quality and level of graduate training that meet the requirements of professional standards (if any), labour market requirements.

1.8. Courses' syllabi

Courses syllabi determine the content, scope and order of study and teaching of a discipline, its section or part. Courses syllabi are developed on the basis of FSES VO 3++ in the relevant fields/specialties and in accordance with the approved in the prescribed manner curricula.

1.9. Internship syllabi

When implementing the study programme, the following internship areas are envisaged:

Educational internship (research work);

Industrial internship (technological (project-technological) internship);

Industrial internship (research work);

Industrial internship (pre-degree internship).

Internship programmes are a set of documents and are presented as an Annex.

1.10. Programme for the State Final Attestation

SFA includes the preparation for the defense procedure and the defence of the graduation qualification thesis.

The programme includes the requirements for the final qualification theses and the procedure of their performance, as well as the criteria for assessing the results of the defence of the final qualification theses. The Programme is updated annually.

The SFA Programme is presented in the in the Appendix.

1.11. Assessment tools (indicators of competence acquisition)

Assessment tools are presented in the form of a fund of assessment tools (hereinafter - FAT) for current control, interim certification and for the FSA.

FAT for the interim attestation of students on the course or internship, which is a part of the relevant syllabus of the course or internship syllabus, includes the following:

- the list of competences with the indication of the stages of their formation in the process of training on the program;

- the description of the indicators and criteria for assessing the competences at different stages of their formation, the description of the assessment scales;
- model control tasks or other materials necessary to assess the knowledge, skills and (or) activity experience, characterizing the stages of competence formation in the process of mastering the educational programme;
- methodological materials defining evaluation procedures for knowledge, skills and (or) activity experience, characterizing the stages of competence formation.

Indicators and criteria for assessing the formation of competencies at various stages of their formation, assessment scales and procedures are determined for each learning outcome of the discipline or internship.

FAT for intermediate certification shall be designed as annexes to the working programme of the discipline, to the programme of internship.

The assessment forms for intermediate certification shall include:

- the list of competencies to be mastered by the students as a result of mastering the educational program;
- description of the indicators and criteria for assessing the competencies, as well as assessment scales;
- standard control tasks or other materials necessary to assess the results of the educational programme;
- methodological materials defining the assessment procedures for the results of the educational programme.

Assessment tools are presented as an Appendix to the FSA Programme.

Assessment tools are presented in the Annex to BPDP.

1.12. Methodological materials

Methodological materials are presented in an Appendix to the BPDP.

1.13. Peculiarities of the implementation of the academic programme for persons with disabilities

If there are persons with disabilities in the enrollment of students in BPDP, the University shall provide disabled people and persons with disabilities (at their request) the opportunity to study in BPDP, considering the features of their psychophysical development, individual capabilities and, if necessary, ensuring the correction of developmental disorders and social adaptation of these persons.

The period of education in BPDP (regardless of the applied educational technologies) when studying according to an individual curriculum for disabled people and persons with disabilities may be increased at their request by not more than 6 months compared with the period of education, established for the relevant form of education.

Students with disabilities and persons with disabilities shall be provided with printed and (or) electronic educational resources in forms adapted to their disability.

APPENDICE TO THE GENERAL DESCRIPOTION OF BPDP

Appendix A. Review of BPDP and its structural units. Statement on the relevance of the master's basic professional degree programme to labour market requirements and the employee's qualifications.

2. CURRICULUM, ACADEMIC CALENDAR

3. ANNOTATIONS, COURSE SYLLABI (MODULES)

4. INTERNSHIP SYLLABI, RESEARCH WORK SYLLABI

5. FINAL STATE ATTESTATION - FSA PROGRAMME

6. FUND OF ASSESSMENT TOOLS - FAT

7. METHODOLOGICAL MATERIALS