**ECONOMICS AND MANAGEMENT OF THE NATIONAL ECONOMY**

1. **GENERAL CHARACTERISTIC OF THE DISCIPLINE OF ECONOMICS AND MANAGEMENT OF THE NATIONAL ECONOMY**

The work program of the discipline is compiled in accordance with the requirements of the Federal State Educational Standard for Higher Professional Education.

|  |  |  |  |
| --- | --- | --- | --- |
| **Direction code** | **Direction name** | **Requisites of the order of the Ministry of Education and Science of the Russian Federation**  **on the approval and implementation of the FSES HE[[1]](#footnote-1)** | |
| **Date** | **Order number** |
| 38.06.01 | Economy | 30.07.2014 | 898 |

**1.1. Abstract of the discipline content:**

The work program is compiled on the basis of federal state requirements to the structure of the basic professional educational program of postgraduate professional education (postgraduate study) approved by the order of the Ministry of Education and Science of the Russian Federation from 30.07.2014. No. 898; minimum program of the candidate exam in the direction of 38.06.01 "Economics"; passports of the direction of scientific workers 38.06.01 "Economics"; curriculum UrFU for the main educational program postgraduate professional education (postgraduate study) in the direction of 38.06.01 "Economics".

**The purpose of studying the discipline** is to provide post-graduate students with in-depth knowledge of economics and management of the national economy, research of economic systems, their genesis, formation, development, forecasting.

**The objectives of the discipline:** studying the logical substantiation of the essence of knowledge in scientific research, the analysis of hypotheses, concepts, judgments in the development of physical and mathematical models, the development of principles, methods and methodology of scientific research, planning, formulation, implementation and statistical interpretation of experimental data, assessing the forms of novelty and reliability of scientific results, used techniques and technology of creativity.

**As a result of studying the discipline, the graduate student must:**

KNOW:

scientific and methodological foundations of logic and psychology, general provisions of the laws of thinking, the promotion and development of scientific hypotheses, judgments, concepts, inferences and proofs, their verification by analytical and statistical methods, the main aspects of the content of concepts analysis and synthesis, induction and deduction, the laws of formation of essence reliable knowledge in scientific research;

BE ABLE TO:  
analyze modern structures of human's production and scientific activity, identify the levels of knowledge organization in science, principles, methods, technical and technological bases for the production of scientific results, solve the problems of experiment planning, reduce the total number of variables by methods of similarity theory and dimensions, control the sequence of tests in conditions of one-factor and multifactorial experiments, the problem of statistical analysis of the mathematical their models, the task of assessing the indicators of novelty and the reliability of scientific knowledge;

HAVE:

the use of methods to verify the models significance, regression coefficients, the adequacy of empirical equations, dispersion, regression, correlation, covariance analysis of scientific knowledge, setting and analysis of creative tasks, the use of methods for finding creative solutions: trial and error, heuristic and control techniques, brainstorming, synergetics, morphological analysis, methods for solving creative problems, eliminating technical contradictions in creative tasks.

**Types of academic work:** lectures, postgraduate students’ individual work.

The study of discipline ends with **qualifying examinations for the Candidate degree.**

The work program is based on:

- federal state requirements for the structure of the main professional educational program of postgraduate professional education (postgraduate study) approved by the order of the Ministry of Education and Science of the Russian Federation of July 30, 2014. No. 898;

- minimum program of the candidate examination in the direction of 38.06.01 "Economics";

- passports of the direction of scientific workers to the direction of 38.06.01 "Economics";

- curriculum UrFU for the main educational program postgraduate professional education (postgraduate study) in the direction of 38.06.01 "Economics".

1. **SCOPE OF DISCIPLINE AND KINDS OF ACADEMIC WORK**

|  |  |  |  |
| --- | --- | --- | --- |
| Type of study sessions | Number of hours per term (third term) | Labor intensity | |
| Hours | Credit unit |
| Lectures | 4 | 4 | 0,5 |
| Individual work | 104 | 104 | 2,5 |
| TOTAL | 108 | 108 | 3 |

**2.1. Distribution of hours of study sessions by terms**

1. **CONTENTS OF THE DISCIPLINE**

**3.1. The name of topics, their content, scope of lecture classes in hours**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Section, topic of the training course, content | Labor intensity | |
| Hours | Credit unit |
| 1 | Section 1. General economic theory  Topic 1.1. Political economy  Topic 1.2. Microeconomic theory  Topic 1.3. Macroeconomic Theory  Topic 1.4. Institutional and evolutionary economic theory | 4 | 0,11 |
| TOTAL | | 4 | 0,11 |

**3.2. Postgraduate students’ individual work**

|  |  |  |  |
| --- | --- | --- | --- |
| Sections and topics for  self-study | The list of tasks for individual work (abstracts, reports, translations, calculations, etc.) | Labor intensity | |
| Hours | Credit units |
| **Section 2.**  **Basis of the theory of management of economic systems**  Topic 3.1. Theoretical and methodological problems of management  Topic 3.2. Modern Public State Administration  Topic 3.3. Organization as an object of management  Topic 3.4. Theoretical basis of personnel management |  | 52 | 1,44 |
| **Section 3. Economics, organization and management of enterprises, industries and complexes**  Topic 3.1. Basic concepts and methodology of the formation and functioning of the economic systems (enterprises, industries, complexes)  Topic 3.2. Theoretic and methodological bases of the management organization by economic systems (enterprises, branches, complexes)  Topic 3.3. Functional management in economic systems | Research project (essay), which involves the application of methods of research and diagnostics of control systems. | 52 | 1,44 |
| TOTAL | | 104 | 2,88 |

1. FSES HE - Federal State Education Standards of Higher Education [↑](#footnote-ref-1)