

MINISTRY OF EDUCATION OF THE REPUBLIC OF AZERBAIJAN

STATE STANDARD DEGREE OF HIGHER EDUCATION

MASTER'S DEGREE EDUCATIONAL PROGRAM

Code and name of the specialty (program): 060404 – Economics

BAKU – 2016

1. General Provisions

1.1. Master's level 060404 – Education Program in Economics

According to the requirements of the "Law of the Republic of Azerbaijan on Education", the "State standard and program of the higher education level" approved by the relevant decisions of the Cabinet of Ministers of the Republic of Azerbaijan, "Regulations on the content, organization of master's education and awarding of "master's" degrees", "On the master's level of higher education" prepared in accordance with the Classification of specialties (specializations) and other legislative acts.

1.2. Higher education institutions operating in the Republic of Azerbaijan, regardless of their subordination, type of ownership, and organizational-legal form, carry out master's training in the specialty 060404 - Economics with this Educational Program.

1.3. Symbols used in the structure:

General cultural competencies - GC

Professional competences - PC

2. 060404 – Characteristics of Economics major

2.1. Normative period of mastering the Educational Program and the degree awarded to the graduates:

Code and name of the specialty	The given scientific degree	Full-time study period	The number of credits
060404 – Economics Specializations: - <i>Economic cybernetics</i> - <i>Economic theory</i> - <i>Economic-mathematical modeling</i> - <i>Economic regulation</i> - <i>Legal regulation of the economy</i> - <i>Evaluation</i> - <i>Economy of the agrarian field</i> - <i>Economics of nature use and forecasting</i> - <i>The economy of the environment</i> - <i>The economy of education, science, and socio-cultural sphere</i> - <i>Macroeconomic policy</i> - <i>Economics of tourism</i> - <i>Econometrics</i> - <i>The economy of culture</i> - <i>Economics of labor</i>	Master	2 years	120

3. Qualification characteristics and competence of the graduate

3.1. Master's specialty characteristics

The master must have a general description and broad knowledge of theoretical principles and research methods, be ready to conduct scientific research and pedagogical activities that require professional training and be able to solve unexpected and complex issues within the scope of his professional activity.

3.2. Requirements imposed on the competence of the graduate as a result of mastering the program.

3.2.1. The graduate should acquire the following general competencies (GC):

- to improve and develop his intellectual, general, and professional training level (GC-1);
- acquire public and scientific public speaking skills (GC-2);
- to communicate with experts and scientific representatives of other fields (GC-3);
- to freely use Azerbaijani and foreign languages as a means of business, professionalism, and communication (GC-4);
- to take organizational-management decisions, determine their results, and be responsible for them (GC-5);
- to use modern software and information systems in solving the processes of development, management, and regulation of separate areas and spheres of the national economy (GC-6);
- ability to work in a team (GC-7);
- ability to communicate with specialists in other fields (GC-8);
- active social mobility (GC-9);
- ability to work in the international arena (GC-10).

3.2.2. The graduate must acquire the following professional competencies (PC):

In the field of scientific research:

- theoretically related to the organization, management, and regulation of socioeconomic processes in any production, socio-cultural, and service areas, organizations, firms, and enterprises, as well as in national and international institutions, ministries, and companies included in the economic bloc, regardless of the form of ownership and subordination to have methodological, as well as analytical work method and generally systematic knowledge (PC-1);
- to carry out the development of the work plan and programs for conducting scientific research, to prepare tasks for individuals and research groups (PC-2);
- the ability to organize one's activity on scientific grounds, analyze, draw conclusions, and process the obtained data by computer method in accordance with the professional direction (PC-3);
- to carry out theoretical-methodological and practical research in the field of development, forecasting, modeling, regulation, evaluation of individual fields and spheres of the national economy, environmental protection, tourism development, labor economy, defining mechanisms and principles, modeling, forecasting, realizing them evaluate the results and prepare a concrete action plan related to increasing the efficiency of this process (PC-4);
- development of theoretical, economic, and mathematical models of processes and objects related to macroeconomic policy regulation, evaluation, economy and organization of labor, environmental protection, tourism, and culture development activities in production and socio-cultural fields and to realize (PC-5);
- to creatively use normative-legal documents, and legislative acts to practically realize the process of national economy, its separate production, socio-cultural areas, environmental

protection, organization, management, and regulation (PC-6);

- the ability to build economic-mathematical models, apply information technologies and mathematical methods based on forecasting, programming, strategic planning to practically realize the macroeconomic policy of the state based on a systematic and complex approach (PC-7);
- in order to stimulate the transition to the innovation development model, to evaluate the economy, development, and management activity of economic and social spheres, to choose practically effective principles, criteria, and means of the organization and management, and regulation of labor in these spheres, and to build relevant models (PC-8);
- choosing the priorities of the scientific research topic, determining the problem setting, research methodology, and research efficiency (PC-9);
- to organize one's professional activity on a scientific basis, to collect information, to learn computer usage methods, and to use them (PC-10);

On pedagogical activity:

- in higher education institutions, "Economic regulation", "Economic cybernetics", "Economic theory", "Economic-mathematical modeling", "Legal regulation of the economy". "Evaluation", "Economics of the agricultural sector". "Economics and forecasting of the use of nature", "Economics of the environment", "Economy of education, science, and socio-cultural sphere", "Macroeconomic policy", "Economy of tourism", "Econometrics", "Economy of culture". "Economy of labor" etc. teaching subjects (PC-11);
- to develop relevant educational programs and teaching-methodical materials for the specialty of economics (PC-12);
- be able to transfer one's knowledge to another through teaching, training or other methods (PC-13);

On the program, project and economic activity:

- tasks for the implementation of developed programs and projects, to lead the preparation of appropriate methodological documents and instructions according to the relevant normative-legal and legislative acts of the state mechanism of their practical implementation (PC-14);
- to define a system of specific measures for the practical realization of programs and projects (PC-15);
- for the effective implementation of the developed programs and projects of the macroeconomic policy, to determine, predict, and model the priority directions of the regulation, evaluation, labor economy, and environmental protection, organization of relevant socio-economic processes (PC- 16);
- to determine the principles and ways of the mechanism of preparation and implementation of relevant plans and programs in the national economy, as well as companies, enterprises, firms, social and service spheres, as well as executive structures and institutions included in the economic block of ministries (PC-17);

On organizational-administrative activity:

- to guide the concept developed by determining the general regularities and features of the macroeconomic policy and strategy in accordance with the changing conditions and requirements in various institutional institutions of the fields of the national economy at the macro, meso, and micro level (PC-18);
- skillfully use mathematical, informative methods and models to effectively realize the socio-economic development process in various areas and spheres of the national economy (PC-19);
- to lead the implementation of socio-economic processes in institutional institutions of different levels in accordance with the regulatory model of environmental protection realized in the country (PC-20);
- to monitor the implementation of the adopted normative-legal documents, acts, and contracts concluded in relation to the organization, management, and regulation of socio-economic processes at different levels of the national economy, the property and potential assessment process, and to take appropriate administrative-legal measures in case of non-compliance with them (PC -21);
- to solve unexpected and complex issues within the scope of professional activity (PC-22);
- to propose and plan appropriate activities and methods, to analyze their short-term and long-term results (PC-23);
- to be able to creatively identify and reveal problems related to the field of activity or education, to be able to solve them within a specific time frame and under limited information conditions (PC-24);
- to be able to choose and use appropriate technologies and methods when solving problems related to the field of activity and education, as well as to be able to determine or evaluate potential results (PC-25);
- to critically assess personal behavior when solving problems related to the field of activity and education (PC-26);
- to present and justify problems related to the field of activity and education orally and in writing in Azerbaijani and one foreign language, as well as to be able to participate in relevant discussions together with specialists and non-specialists (P-27);
- to act independently in complex and unpredictable conditions that require an innovative approach (PC-28);
- to take responsibility for the strategic activity of organizations or groups (PC-29);
- to be able to behave in accordance with ethical rules in complex situations, to understand the ethical aspects, possibilities, limitations, and social role of personal behavior, to make a reasoned assessment in matters related to the field of activity and education (PC-30);
- to assess personal and other needs related to continuous training and professional development, as well as to be able to use effective methods necessary for independent study (PC-31).

4. Minimum requirements for the level of training and the content of education for professional activity

4.1. Characteristics of professional activity

4.1.1. 060404 – Economy

The main directions of professional activity of masters in their specialty:

- The research;
- pedagogical;
- program, project and economic;
- analyst;
- organizational-administrative etc.

4.1.2. Preparation level requirements:

In the field of scientific research:

- to study the actual problems related to the economy and organization of labor, environmental protection, as well as the formation of macroeconomic policy, its justification and implementation in terms of economic theory, in the study, evaluation, and regulation of real socio-economic processes in separate areas and spheres of the national economy.
- preparing scientific publications and summarizing available information for the development of necessary normative-legal documents and legislative acts in various production, social and service areas of the national economy, as well as environmental protection.
- identification of priority areas of scientific research topics, collection, systematization and drawing relevant results;
- preparation of necessary tasks for individual executives and structural units;
- to analyze the current state of state regulation, labor economy and organization, economic activity evaluation, economic-mathematical modeling in the fields of economy, from a theoretical-methodological and practical point of view, using relevant report data at the macro, meso and micro level.

On pedagogical activity:

- lecturing;
- conduct a seminar.

On analytical activity:

- to define and evaluate the directions of improvement of the economy and organization of labor in different levels and spheres of the national economy, the strategy, concept, as well as evaluation, tactics, regulation of the socio-economic development of the environment and the use of nature.
- to systematically analyze the system of relevant indicators by using various economic models and econometric tools in separate socio-economic and service spheres of the economy from a theoretical and practical point of view.
- to regulate and evaluate the national economy and its individual fields and spheres, the economy and protection of the environment, and to carry out the necessary control over the implementation of the measures, principles, and requirements of general normative-legal documents intended to ensure the normal functioning of the economy and organization of labor in these fields;

On organizational-administrative activity:

- to lead the concept and tactical measures developed at different levels related to the improvement of the activity of separate areas and spheres of the economy;
- to lead the relevant institutions related to the organization and management and regulation of the economy in socio-economic service areas, as well as other institutional units of the national economy;
- to effectively use the financial and other resources prepared and approved for the purpose of the fields and spheres of the economy;

4.2. Minimum requirements for the content of education

□ Subject sections, credits of subjects, results of their mastery (in terms of knowledge, skills and habits) and codes of competences intended to be acquired.

The code of the subject section	Subject sections, the results of their mastery (in terms of knowledge, skills and habits)	Number of credits by subject sections	Subject code and name	Number of credits per subject	Codes of competence to be acquired
Education part					
MYTH-B00	Specialization (specialization) Department of subjects The subjects included in this section as a result of the study Master's degree should know: - the acquisition of modern economic science his achievements interpretation in a systematic way to do, new economic transformation of systems of the process legalities and methodological principles, micro and macro economic problem and of models in a systematic manner comment, global instability conditions of economic growth and security protection policy, business cycle management,	60	MYTH-B01 <i>Modern problems of economic science</i>	6	PC-1 PC-2 PC-3 PC-4 PC-5 PC-6 PC-7 PC-8 PC-9
			MYTH-B02 <i>Research methods</i>	6	PC-10 PC-11 PC-12
			MYTH – B03 <i>Subjects determined by the higher school*</i>	48	PC-13 PC-14 PC-15 PC-16 PC-17 PC-18 PC-19 PC-20 PC-21 PC-22 PC-23 PC-24

	of long-term economic growth				
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	<p>ways of acceleration; - from the philosophical-methodological aspect of economic science and economics evaluation, conceptual evaluation of existing theoretical and methodological problems, comparative analysis of different approaches and the methodology of making theoretical generalizations, the philosophical interpretation of the integrative connection of the economy with other spheres and areas of social life in the quality of systematic emergence; - the scientific-methodological bases of the regulation of socio-economic processes at the macro-economic level, practical problems, optimal solutions, regularities, features, mechanisms, principles, criteria for the implementation of the regulatory policy, the logical sequence of their application; - environmental safety regulations, legal material and technological security issues, adopted by the state in this field the laws and regulations made by him; - basic concepts, approaches and methods of price formation and evaluation, legislative market of evaluation activity, methods of economic regulation and management of prices; - of social spheres its formation, legal basis and management, financial problems of social areas, organizational structure that and development trends,</p>				<p>PC-25 PC-26 PC-27 PC-28 PC-29 PC-30 PC-31</p>
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	<p>social protection problems and the mechanisms of their organization, the role and perspective of the social sphere, and methods of evaluating;</p> <ul style="list-style-type: none"> - the economic essence and main features of the food problem of the modern world in the conditions of globalization, the evaluation of national food security by countries, the current state of food supply and development trends in developed and developing countries in the modern stage of the market economy, the UN in the direction of world food security the guiding and regulatory function of , the main directions of modern agrarian policy in terms of solving the world food problem, and the international experience in this direction and its characteristic features; - general of the labor economy and special problems, systematic approach to those problems, human resources, labor efficiency, labor organization, sociology of labor and other issues; - setting the issue of optimal management of the economic system and selecting optimality criteria. <p>should be able to:</p> <ul style="list-style-type: none"> - the economic essence of risk and uncertainty, to explain the content of game theory, alternative defining the strategy, distribution of income and the directions of the fight against poverty, inequality causes, factors and 				
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	<p>to habits of use;</p> <ul style="list-style-type: none"> - the essence of the social concept and social development, economic and social theories, practical experience, decision-making ability, the ability to manage education, healthcare, and culture in the social sphere; - improved his intellectual, general-cultural and professional training level, scientific-oratorical skills; - optimal behavior and development of economic systems <p>establishing a strategy and ensuring the adequacy of this strategy to real economic conditions to be done.</p>				
MET-B00	<p>Scientific research works</p> <p>After mastering the Master's studies, communication and innovation, conducting research studies and performing the scientific-research work, the following should know and be able to:</p> <ul style="list-style-type: none"> - identifying research questions that are academically sound and need analysis - to present a scientifically based critical approach regarding the dissertation topic - identify literature on the topic - to know the rules of academic ethics in research and studies - determining the topic of the dissertation - to draft the content of the dissertation - making a time table for the dissertation - appear in the dissertation work 	60	<p><i>Research communication and innovation</i></p> <p><i>Research Work Carrying out</i></p> <p><i>Research practice</i></p> <p><i>Scientific-pedagogical practice</i></p>	6	<p>PC – 4 PC – 5 PC – 6 PC – 7 PC – 8 PC – 9 PC – 10 PC – 12 PC – 15 PC – 16 PC - 17</p>

<p>determine the means of obtaining information related to the research problem</p> <ul style="list-style-type: none"> - to know the principles and content of higher education - to know the methods of organizing and managing the educational process - knowledge of student psychology and student behaviors - to know student evaluation methods and to apply these methods - to know the preparation of teaching materials used in the teaching process - at the same time, to know the selection and use of literature to be used - to know the process and methods of preparation of materials (questions, cases, etc.) used during student evaluation in exams - to know the rules of behavior in the audience during the lesson - to know how to use modern software and tools in the teaching process. - to determine the possibilities of researching the obtained results; - the defense of the performed research work; - preparation of research results for publication; - scientific-research and scientific-pedagogical to use the results obtained as a result of participation in experiments in the dissertation work; - determining the means of obtaining information related to the research problem posed in the dissertation work - data collection 		<p><i>Master's thesis essay preparations and protection</i></p>	<p>36</p>	
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	<p>data acquisition and analysis using the tool</p> <ul style="list-style-type: none"> - scientific analysis of the results obtained after the analyses - to know the rules of writing a dissertation - reporting the results of the investigation - presentation of research process, research analysis and results - the process of conducting scientific research - turning the conducted research into a scientific article - important scientific ethical rules in references when writing a scientific article - evaluating previous research and articles on the identified topic while conducting research - choosing ideal data collection methods for more accurate data collection - sources of obtaining necessary first and second type data and methods of their use - preparation of articles for scientific journals or reports for scientific conferences - submission of reports - use of foreign literature in the research process - modern software that will be useful during research and from them rules of use 				
	Total credits	120		120	

** Competences (competencies) for majors and relevant specializations and corresponding subjects are determined by higher education institutions.*

- 4.3.** Duration of completion of the master's education program by specialty:
total number of weeks - 94
- theoretical training - 30 weeks

- Research, communication and innovation, conducting research - 8 weeks
- experiences (scientific-research and scientific-pedagogical) - 8 weeks

- exam sessions - 10 weeks
- preparation and defense of master's thesis - 24 weeks
- holidays - 14 weeks

5. Material and technical, educational base and personnel potential

- 5.1.** Cabinets and laboratories, computer classrooms, workshops equipped with appropriate ICT for conducting lessons, conducting experiments and carrying out scientific-research works in the subjects provided for in the curriculum prepared in accordance with the educational program of the higher education institution 060404 – Economics major.
etc. should have a material and technical base provided with Students must have access to the local network of the higher education institution, the Internet, databases, electronic libraries, and search systems.
- 5.2.** Teaching of subjects, as a rule, is carried out by professors and teachers who have a scientific degree or a scientific title of higher education institutions. Persons working in other enterprises and organizations who have a minimum master's degree in the relevant specialty and have work experience in that field can also be involved in this activity.
- 5.3.** As a rule, the scientific supervision of master's dissertations is carried out by the scientific name of the teaching staff working in that educational institution or by persons working in other institutions and organizations who have a minimum master's degree in the relevant specialty and have work experience in that field.

6. Forms and methods of the educational process

- 6.1.** Theoretical training and pedagogical training of the master's student includes lectures-seminars, counseling, freelance work, pedagogical experience, etc. forms are implemented.
- 6.1.** Oral interpretation, interview, interactive training, independent work, discussion, round table, illustration, research, laboratory and practical work and other methods can be used in the teaching process of master's training.
- 6.2.** **060404 – Economy** scientific-research and scientific-pedagogical practices are envisaged in the master's training in the specialty (the goals and tasks of the experiments are determined depending on the specialty). Depending on the type of experiments, they can be conducted in relevant organizations or in departments and laboratories of higher schools.

7. Requirements for the final state certification and evaluation

- 7.1. The final state attestation consists of the defense of the master's thesis. The requirements for the content, volume, and structure of the dissertation and the rules for its defense are determined by the Ministry of Education of the Republic of Azerbaijan.
- 7.2. Assessment of the knowledge of students is carried out based on the rules approved by the Cabinet of Ministers of the Republic of Azerbaijan.
- 7.3. As a result of the Final State Attestation, graduates are awarded a master's degree and a state model diploma.

Agreed: Director of the Institute of Educational Problems of the Republic of Azerbaijan

_____ Emin Amrullayev

_____ 2016 year

State Education in the group of economics and management specialties
Chairman of the working group that prepares the standards

_____ Adalat Muradov

_____ 2016

Head of the Department of Science, Higher and Secondary Education of the Ministry of Education of the Republic of Azerbaijan

_____ Yakub Piriyeu

_____ 2016 year

**Scientific Methodical Council of the Ministry of Education of the Republic of Azerbaijan
Chairman of the "Economy" department**

_____ 2016 year