

MINISTRY OF EDUCATION OF THE REPUBLIC OF AZERBAIJAN

**Approved by the order
of the Ministry of Education
of the Republic of Azerbaijan
No. 1463 dated August 31, 2012.**

STATE STANDARD OF HIGHER EDUCATION

**MASTER'S LEVEL SPECIALIZATION
EDUCATIONAL PROGRAM**

Specialization (program) code and name: 060321 – Design

BAKU – 2012

1. General Provisions

- 1.1. The Master's level Education Program in the specialty **060321 – Design** has been developed in accordance with the Law of the Republic of Azerbaijan “On Education”, the “State Standard and Program of the Higher Education Level” approved by relevant decisions of the Cabinet of Ministers of the Republic of Azerbaijan, the “Rules for the Content, Organization of Master's Education and Awarding of ‘Master’ Degrees”, the “Classification of Specialties (Specializations) at the Master's Level of Higher Education”, and other legislative acts.
- 1.2. Regardless of their subordination, type of ownership, or organizational-legal form, all higher education institutions operating in the Republic of Azerbaijan implement master's training in the specialty **060321 – Design** based on this Education Program.
- 1.3. Symbols used in the structure:
CC – general cultural competencies
PC – professional competencies

2. 060321 – Characteristics of the Design Specialty

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

Code and name of the specialty	The given scientific-specialization degree	The period of full-time education	Number of credits
060321 – Design Specializations: - <i>Design and technical aesthetics</i> - <i>History and theory of design art</i>	<i>Master</i>	2 years (part-time study period is 6 months longer)	120

3. Graduate's professional characteristics and Competence

3.1. Specialty Characteristics of the Master

A master's graduate must possess a comprehensive understanding and broad knowledge of theoretical principles and research methods, be prepared to conduct scientific-research work that requires professional training, and engage in pedagogical activities. They should be capable of solving unexpected and complex problems within their professional activities.

3.2. Competency Requirements for the Graduate upon Completion of the Program

3.2.1. The graduate must acquire the following general cultural competencies(CC):

- to work in a team **(CC-1)**;
- to communicate with specialists from other fields **(CC-2)**;
- to work in the international arena **(CC-3)**;
- possession of legal knowledge and adherence to ethical norms **(CC-4)**;
- to come up with new ideas **(CC-5)**;
- to work independently **(CC-6)**;
- to have skills and habits in organizing scientific research and creativity, pedagogical work, and team management **(CC-7)**;
- organize and plan work related to professional activities **(CC-8)**.

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

In the field of scientific research:

- to use of modeling methods in the teaching and creative processes of decorative arts **(PC-1)**;
- to use theoretical knowledge of art history in the creative process **(PC-2)**;
- to plan and conduct scientific-research and creative works **(PC-3)**;
- to describe the general picture of the specialty **(PC-4)**;
- to prepare presentations of research results and creative works **(PC-5)**;

In the field of pedagogy:

- to teach specialized subjects in general education, technical-vocational, secondary specialized educational institutions and at the bachelor's level of higher education **(PC-6)**;
- to obtain information from electronic libraries, reference journals, and the Internet **(PC-7)** ;
- to be able to transfer their knowledge to others through teaching, training, or other methods **(PC-8)**;

In the field of organizational and administrative activities:

- to apply modern educational technologies **(PC-9)**;
- to organize both group and individual forms of work **(PC-10)**;
- to present knowledge related to the subject and adapting it to the working environment **(PC-11)**;
- to lead scientific-research and creative projects in groups **(PC-12)**;
- to express specialized knowledge clearly and concisely **(PC-13)**;
- to instill creative skills related to the specialty during the teaching process and analyze them from an art studies perspective **(PC-14)**;
- to use computer technologies in teaching the subject **(PC-15)**;
- to apply terms and expressions relevant to the subject **(PC-16)**;
- to select and apply appropriate technologies and methods in solving problems related to professional or educational fields, and identifying and/or evaluating potential outcomes **(PC-17)**;
- critically evaluate personal behavior in solving problems related to professional or educational fields **(PC-18)**;
- be able 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 participate in relevant discussions with specialists and non-specialists **(PC-19)**;
- to act independently in complex and unpredictable situations that require innovative approaches **(PC-20)**;
- to take responsibility for the strategic activities of an organization or group **(PC-21)**;
- be able to behave ethically in complex situations, understand the ethical aspects, opportunities, limitations and social role of personal behavior, and make a reasoned assessment of issues related to the field of activity and education **(PC-22)**;
- be able to assess the needs of oneself and others for continuous training and professional development, as well as use effective methods necessary for independent learning **(PC-23)**;
- solve unexpected and complex problems within the framework of professional activity **(PC-24)**;
- propose and plan appropriate activities and methods, analyze their short and long-term results **(PC-25)**;
- be able to creatively identify and present problems related to the field of activity or education, and solve them within a specific time frame and with limited information **(PC-26)**.

4. Minimum Requirements for the Level of Training and Educational Content in Professional Activities

4.1. Characteristics of Professional Activity

4.1.1. The main directions of professional activity for master's graduates in the specialty **060321 – Design:**

- scientific-research;
- pedagogical;
- organizational-administrative, etc.

4.1.2. Requirements for the level of training:

In the field of scientific-research and creativity:

- to use modeling methods in solving scientific, organizational and applied problems in the specialty;
- to analyze scientific research works conducted in the field of teaching methodology of the subject using the practical and practical foundations of pedagogy, the history and theory of art, the achievements of teaching methodology, and advanced experience, and to generalize the results;
- to prepare and hold conferences, seminars, symposiums;
- to prepare and edit scientific publications.

In the pedagogical field:

- to give lectures;
- to conduct seminars, training classes;
- to lead pedagogical practice;
- to use modern software;
- to use knowledge related to the methodology of the specialty;
- to use ICT in collecting and processing information related to the teaching of the specialty, etc.

In the field of organizational and administrative management:

- to organize the work of scientific research, creative and teaching teams;
- to apply scientific innovations to predict the results of activities;
- quantitatively and qualitatively evaluate the results of decisions made, etc.

4.2. Minimum Requirements for the Content of Education

- Subject sections by specialization, credits of subjects, results of their mastery (in terms of knowledge, skills and habits) and codes of competencies to be acquired.

Subject section Code	Subject sections, results of their mastery (in terms of knowledge, skills, habits)	Number of credits by subject sections	Subject code and name	Number of credits per subject	Codes of competencies to be acquired
Təhsil hissəsi					
MHF-B00	<p>Department of Humanities As a result of studying the subjects included in this department, the master</p> <p>must know:</p> <ul style="list-style-type: none"> - how to study pedagogical literature related to the specialty, read and understand it in a foreign language; - the higher education system in Azerbaijan, the training process and the content of education, the methodology of scientific and research (teacher and student) work; - methods of psychology, the main directions of psychology, the psychology of mutual relations, student psychology, etc. <p>must be able to:</p> <ul style="list-style-type: none"> - translate scientific literature related to the specialty in a foreign language, write annotations, abstracts, theses, biographies, etc.; - plan and conduct classes, perform scientific and research work, conduct experiments and apply the results; - approach each student individually from a psychological point of view. <p>must acquire:</p> <ul style="list-style-type: none"> - the skills of reading and writing in a foreign language with the help of a dictionary; - conduct teaching and research work in a higher education institution; 	14	<p>MHF-B01 <i>Foreign Language</i></p> <p>MHF-B02 <i>Higher School Pedagogy</i></p> <p>MHF-B03 <i>Psychology</i></p> <p>MHF-B04 <i>Elective subject*</i></p>	<p>6</p> <p>4</p> <p>2</p> <p>2</p>	<p>CC-1 CC -2 CC -3 CC -4 CC -5 CC -6 CC -7 CC -8 PC-16</p>

	- the qualities of psychological approach to students, etc.				
MIF-B00	<p>Specialization (specialization) subjects section</p> <p>As a result of studying this subject, the student</p> <p>must know:</p> <ul style="list-style-type: none"> -the main problems of style and stylization, the main stages of art history, which are the main problems of culture and art history; -the system of culture in the educational process, its main views; -the three components of the system of culture; -the problems of the evolution of art among the main problems of art history; -the problems of design art and the nationality of the state, art; -the problems of the interaction of design art and science; -the styles and trends existing in industrial and interior design in the modern period; -the study of the modern style, which was formed in the late 19th and early 20th centuries and took a leading position in the process of industrialization in chronological order; -the modernist principles of Le Corbusier, Adolf Loos, Peter Behrens, Walter Gropius and Mies Van der Rohe; -the study of the concept created by Frank Lloyd Wright and Charles Rennie Mackintosh, representatives of organic design, at the end of the 19th century in the educational process; -the biomorphism style using natural forms; -Scandinavian modern; -the new English modern style of the 1945-60s; -the emergence of pop art, radical anti-design, and minimalism, characterized by the reduction of expressive means, which emerged 	76	<p>MIF-B01 <i>Modern problems of design</i></p> <p>MIF-B02 <i>History and methodology of design</i></p> <p>MIF-B03 <i>Subject determined by the higher education institution:</i></p> <p>MIF-B04 <i>Subjects allocated for specialization **</i></p> <p>MIF-B05 <i>Elective subject*</i></p>	<p>4</p> <p>2</p> <p>4</p> <p>42</p> <p>24</p>	<p>PC-1</p> <p>PC -2</p> <p>PC -3</p> <p>PC -4</p> <p>PC-5</p> <p>PC-6</p> <p>PC-7</p> <p>PC-8</p> <p>PC-9</p> <p>PC-10</p> <p>PC-11</p> <p>PC-12</p> <p>PC-13</p> <p>PC-14</p> <p>PC-15</p> <p>PC-16</p> <p>PC-17</p> <p>PC-18</p> <p>PC-19</p> <p>PC-20</p> <p>PC-21</p> <p>PC-22</p> <p>PC-23</p> <p>PC-24</p> <p>PC-25</p> <p>PC-26</p>

	<p>in the USA and England in the second half of the 20th century as a protest against abstract painting;</p> <ul style="list-style-type: none"> -the high-tech industrial style that emerged in the 70s of the 20th century; -postindustrialism that emerged in England; -the activities of the “Memphis” group, which operated in Milan in the 80s, which designed furniture and produced industrial goods; -the deconstructivism style that emerged during that period; -economic, aesthetic, functional, constructive-technological and complete sets of tasks; -The course "Design" aims to cultivate high artistic taste, expressiveness, the ability to use the laws of composition; -develop figurative and logical thinking; -mastery of industrial patterns; <p>should be able to:</p> <ul style="list-style-type: none"> -the variety of ornaments, their stylization and symmetry styles; -design of furniture, textile arts according to new requirements; -synthetic materials replacing natural materials, the rules for their use in heavy and light industry; -transfer the project to the material; -completely fulfill the set goal in an aesthetic, functional and technologically correct way and skillfully use the laws of composition; -be able to show one's own idea in the project, and the plasticity of the work in the material; -organize the process of implementing the project, connect it with modern methods using the help of a computer; -develop initial creative ideas in the form of sketches; -implement a project that fully reflects the characteristic features of the form and content of the work (in the form of a sketch); 				
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	-prepare the results of scientific research work for publication; -participate in scientific research, creative and scientific pedagogical experiments, generalize their results and use them in the master's dissertation, etc.				
Total number of credits	120		120		

**Elective subjects in all departments are determined by higher education institutions in accordance with the relevant competencies.*

***Competencies and corresponding subjects for specializations are determined by higher education institutions.*

4.3. Duration of the Master’s Degree Program in the Specialty:

Total number of weeks – 94

including:

- theoretical training – 45 weeks
- internships (scientific-research and scientific-pedagogical) – 8 weeks
- examination sessions – 15 weeks
- reparation and defense of Master’s thesis – 12 weeks
- holidays – 14 weeks

5. Material-Technical Teaching Base and Human Resources

- 5.1. The higher education institution must have a material-technical base equipped with appropriate ICT infrastructure—classrooms, laboratories, computer rooms, workshops, etc.—to conduct classes, internships, and scientific-research work in accordance with the curriculum for the **060321 – Design** specialty. Students must be provided access to the institution’s local network, the Internet, databases, electronic libraries, and search systems.
- 5.2. Courses are usually taught by professors or teaching staff holding academic degrees or titles. Individuals from other institutions and organizations who meet these requirements may also be involved in this activity.
- 5.3. Scientific supervision of Master’s theses is generally carried out by teaching staff of the higher education institution who hold academic titles or degrees, or by qualified individuals from other institutions or organizations.

6. Forms and methods of the Teaching Process

- 6.1.** Theoretical training and pedagogical preparation of the master's student are conducted through lectures, practical sessions, seminars, consultations, independent work, pedagogical internships, and similar formats.
- 6.2.** The educational process for master's programs may utilize methods such as oral explanation, interviews, interactive teaching, independent work, discussions, roundtable discussions, illustration, research, laboratory work, and other practical activities.
- 6.3.** Scientific-research and scientific-pedagogical internships are included in the master's training for the **060321 – Design** specialty (the objectives and tasks of the internships are determined based on the specific specialty). Depending on the type of internship, it may be carried out at relevant organizations or in departments and laboratories of universities.

7. Requirements for Final State Attestation 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 thesis, as well as the defense procedure, are determined by the Ministry of Education of the Republic of Azerbaijan.
- 7.2.** The assessment of student knowledge is carried out based on the rules approved by the Cabinet of Ministers of the Republic of Azerbaijan.
- 7.3.** Upon successful completion of the final state attestation, graduates are awarded a Master's academic degree and a state-recognized diploma.

Agreed by:

Azerbaijan Republic
Institute for Education Problems
Director: A.Mehrabov

Date: “ _____ ” _____ 2012

Ministry of Education of the
Republic of Azerbaijan
Department of Higher and
Secondary Specialized Education
Head of Department:
I.Mustafayev

Date: “ _____ ” _____ 2012

Prepared by the Working Group
of State Educational
Standards for Culture and Art
Specialities
Chair of Working Group:
V.Mamedova

Date: “ _____ ” _____ 2012

Azerbaijan Republic
"Art" section of the Scientific -
Methodological Council of the
Ministry of Education
Chair of Section:
Z. Gafarova

Date: “ _____ ” _____ 2012