"Design--50306" specialty
Educational program and learning outcomes for subjects

Learning outcomes of the educational program (LO)
LO 1. The student should know the emergence, formation and development of the traditions of the modern statehood of Azerbaijan, he is able to analyze and study the role of political, ideological, economic and cultural factors in the formation of the modern statehood of Azerbaijan. He is able to systematically analyze the place and role of the Azerbaijani state in the modern world. He is able to think about the essence of multiculturalism, the reasons for its emergence, the regulation of religious and ethnic-national diversity in society, the mutual relationship between multiculturalism and socio-economic development, and foreign policy. The fundamentals of the organization of civil defense and its tasks, performing rescue and other urgent work in areas of damage caused by emergency situations in peace and war, organization of population protection, providing first aid to those injured by modern means of destruction, rescue work in civil defense emergencies can.
LO 2. Able to analyze physical, chemical, mechanical, artistic-aesthetic and ecoLOgical properties of design materials. Able to describe given project tasks in terms of three-dimensional spatial elements and their regularities.
LO 3. In design projects, he is able to reveal the correct image of the given task based on the regularities of composition. He is able to form a complete idea of the compositional issues in the design solution of various objects that contribute to the creative expression of artistic thought.
LO 4. Art-constructive and technological projects are able to work by correctly following ergonomic rules.
LO 5. Able to correctly use tools such as color, graphic, structural and font resolution to open image resolution in graphic and environmental design projects.
LO 6. Able to correctly use modern technologies for the implementation of design projects and to model design products and project resources in his program.

Training results for specialized subjects (TR)
Training results for the subject "Painting (general course)" (TR)
TR 1. It describes the correct placement of the drawing on the paper surface and the exact ratio of the depicted objects to each other.
TR 2. It describes building the structural structure and schematic form of any object on paper.

TR 3. Practices correctly depicting the plastic form of any object depicted in the drawing.	
TR 4. Based on the laws of light and shadow in the drawing, it applies to accurately describe the volume of the depicted object and its correct shape.	
TR 5. It applies the laws of perspective in painting and the use of correct form in the composition of a painting.	
TR 6. Taking into account the basic laws in painting, he practices working on the depicted subject in the form of a composition.	

"Painting (general course) training results (TR)"

TR 1. Learns to properly place still life on paper. Practices LOoking at built nature from different points, considering their forms, issues of perspective, light-shadow, colors and tone relationship.
TR 2.A living person studies portraits and figures with precision. It applies more convenient, correct and accurate solution of complex figures.
TR 3. Napplies to describe the constructive structure of the murder.
TR 4. It explains how to know the correct color palette and how to use watercolors correctly.
TR 5. Explains how to correctly describe the light-shadow solution.
TR 6. Explains how to create a complex still life composed of objects of close color against a light background.

Learning outcomes for the subject "Perspective" (TR)

TR 1. Explains the theory of perspective and its history.
TR 2. It applies methods of description in art and other fields of activity.
TR 3. Distinguishes perspective versus orthogonal projection.
TR 4. Explains the concepts of perspective building.
TR 5. It applies the methods of perspective construction of simple and complex volumetric figures based on the normal height horizontal level.
TR 6. It is necessary to know the basic methods, laws, methods and rules of perspective, to acquire the ability to have spatial thinking, to evaluate the limits of applicability of the obtained results taking into account the hierarchical structure of three-dimensional geometric models.

Learning outcomes for the subject "Fundamentals of Design" (TR)

TR 1. It explains the basics of design and their application in projects.
TR 2. It applies the approach to design tasks from an idea-solution perspective.
TR 3. It applies the rules of composition to projects.
TR 4. Explains the laws of using color solutions in projects.
TR 5. It applies the correct use of images, methods and tools in projects.
TR 6. Implements a tablet layout solution.

Training results for the subject "Ergonomics" (TR)

TR 1. Explains the goals and objectives of ergonomics as a discipline.
TR 2. Explains the relationship between ergonomics and other disciplines.
TR 3. It applies the types and methods of ergonomic research.
TR 4. Explains the ergonomic analysis of projects.
TR 5. It applies the reflection of ergonomic studies in projects.
TR 6. It explains the concept of human-ergonomics and the environment.
Learning outcomes for the subject "History of Design" (TR)
TR 1. It explains the history of the creation of various fields of world art and design, its structures, its sources, stages, and the evolution of working styles.
TR 2. It explains the classification of the main types of design, the main stages in the history of deveLOpment and the leading directions of modern artistic design.
TR 3. It applies to analyze the creativity of world designers.
TR 4. It applies the use of fine art, design history and knowledge in practical and professional activities.
TR 5. It applies to characterize the features of design activity, skillfully present its theoretical foundations, distinguish certain types of design, assign tasks related to information support for all areas of design, adapt new achievements of information technoLOgies to design activity.
TR 6. Major evolutions of world art and design apply the ability to reveal these characteristics.
Learning outcomes for the subject "Introduction to Multiculturalism" (TR)
TR 1. It applies ways of protecting the ethnic, racial, religious and cultural diversity in the society, including the ethnic, religious and cultural values that form the basis of these diversity.
TR 2. It applies the essence of multiculturalism, its theoretical and ideological foundations, the reasons for its emergence and historical conditions, and also the advantages of the multiculturalism policy model over other possible policy models.
TR 3. They should be familiar with the essence of religion and its forms of manifestation, as well as various concepts related to the formation of religion. He applies the theories about the place and role of religion in the modern world, state-religion relations in modern Azerbaijan.
TR 4. It applies information about ethnic associations and their evolution, ethnic identity and national identity problems, ethnic values and national mentality, the role of ethnic values in the formation of national consciousness and national idea.
TR 5. Multiculturalism applies knowledge about the role of multiculturalism policy in achieving sustainable and inclusive development as a component of domestic and foreign policy.

Training results for the subject "Civil Defense" (TR)
TR 1. To study the classification of emergency events, their complete characteristics, the history of civil defense, and its role and task in the Ministry of Defense. It lists the decisions and laws of the Cabinet of Ministers related to civil protection.
TR 2. The role and tasks of civil defense in modern, peace and war times, ways to prevent incidents, rules of behavior of the population in bacteriological, chemical and radiation conditions, their essence, quarantine, observation conditions, sanitary cleanliness, disinfection of the area, degassing in chemical poisoning centers, radiation explains the methods of deactivation in the conditions.
TR 3. The Emergency Situations Commission implements the roles and responsibilities of the state system and the creation of non-militarized civil defense units to eliminate the consequences of the Emergency.
TR 4. It explains how to organize the protection of the population during emergency situations, how to use collective protection devices and how to use them, how to use personal protective equipment and how to use them, and how to move the population during emergency situations.
TR 5. It applies the rules of organization and conduct of civil defense intelligence, operation of radiation and chemical intelligence devices, civil defense management, civil defense headquarters and their main tasks.
TR 6. It explains the planning and implementation of civil defense measures, the ways to eliminate the consequences of the incidents, the organization and implementation of emergency rescue and other emergency work in the disaster areas, the principles of training the population in the field of civil defense, and the provision of first aid in the disaster area during emergencies.

Training results on elective subjects TR
Learning outcomes for the subject "Applied software (general course)" (TR)
TR I. The rules of use in the graphic program are mastered and graphic illustration is applied.
TR 2. Designing involves creating simple objects, editing them, and changing their properties.
TR 3. Creating new drawings, using existing drawings and technical drawings are applied in the project.
TR 4. Modeling of ideas is applied, taking into account the correct construction.
TR 5. The design-planning solution and the drawing up of the functional-planning plan according to the approved concept are applied.
TR 6. The solution of artificial and natural lighting is correctly applied in modeling.
Training results for the subject "Branding, visual identity and logo design" (TR)
TR I. Explains the history and types of graphic design.
TR 2. The rules for using font, color, infographics and graphic symbols apply.
TR 3. Font, explains the main types of typography and how to use it.
TR 4. Graphic illustration is applied to create a Logotype for a new brand.
TR 5. It is applied to create a firm style (Branding) and its rules of use (Brandbook).
TR 5. Branding design is applied for the prepared LOgo.
Training results for the subject "Advertising Design" (TR)
TR 1. Explains the purpose, tasks and history of advertising.
TR 2. Types and types of advertising are explained.
TR 3.Color selection in advertising design is applied.
TR 4. Perceptual features of newspaper advertising are applied.
TR 5. It is explained to carefully study all the necessary information before starting the development of the project.
TR 6. The formation of the ability to imagine and create a composition is applied in advertising design.
Training results for the subject "Interior design" (TR)
TR 1. A design-planning solution is applied within the framework of the living interior.

TR 2. Conducting pre-project research, familiarization with analogues and mastering applied possibilities are applied.
TR 3. The application of the spatial volume approach method is explained.
TR 4. The design of the functional-planning plan according to the concept is applied.
TR 5. The volume approach method is applied to the interior space.
FÎN 6. Modeling of interior projects is applied by means of design programs.

Learning outcomes for the subject "History of Art and Industrial Design" (TR)
TR 1. Lists inventions in the field of scientific and industrial design.
TR 2. It explains to know the historical stages of fine art and to analyze its role and importance in human history.
TR 3. It explains the reasons for the emergence of artistic style, direction, currents or their disappearance from the artistic arena.
TR 4. Lists the creations and works of famous painters, sculptors, architects, artists
TR 5. Explains areas of industrial design and firm styles.
TR 6. It explains how to following the development dynamics of the main trends in world design.
Learning outcomes for the subject "History of Modern Design" (TR)
TR 1. Lists a chronology of modern design.
TR 2. It explains the types and types of modern design.
TR 3. It explains scientific and technical innovations in design.
TR 4. It explains the characteristics of the emergence and development of modern styles.
TR 5. It applies the formation of the ability to think like a designer.
FT N 6. Lists the lives and works of modern designers.
Learning outcomes for the subject "Design" (TR)
TR 1. The subject explains the concept of design in design, developing the designer's mindset, and discovering the interrelationship of form.
TR 2. It explains the types of buildings and facilities, the building's volume-planning characteristics, the composition of the project.
TR 3. Explains theories about construction norms and rules, sketch and final

(working) project.
TR 4. Practices project presentation skills.
TR 5. Develops critical thinking towards project problems.
TR 6. Depending on its function, it applies the free design of the plan, section, facade and head plan of any facility.

Learning outcomes for the subject "Exterior and landscape design" (TR)
TR 1. Explains the main features of the subject of exterior and landscape design.
TR 2. Design applies the organization of the environment depending on the object and function.
TR 3. It explains how to identify areas of interaction in the process of human civilization and habitat development.
TR 4. Apply the theoretical knowledge of exterior and landscape design to form and design development dynamics of activity objects.
5. Implements a systematic and comprehensive approach to exterior and landscape design solutions.
TR 6. Applies designing exterior and landscape design in a design environment.

Training results for the subject "Materials Technology" (TR)
TR I. It explains how to choose the right materials in a design project.
TR 2. To take into account the psycho-emotional impact of the material on the personapplies.
TR 3. Using reference materials applies.
TR 4. Choosing effective combinations of materials applies.
TR 5. Methods of measuring parameters and properties of materials applies.
TR 6. Technological, operational, hygienic requirements for materials and characteristics of test materials explains.

Learning outcomes for the subject "Product Design" (TR)
TR I. It applies designing the dependence of the shape of the product object on the destination.
TR 2. It explains the main techniques and methods of decorating the product object based on its function.
TR 3. It explains the characteristics of "scale", "harmony of colors", and "character of objects" in the design of objects.
TR 4. Learns to take into account the concepts of "plane", "decorative", "comprehensive appearance, composition" at the stage of designing product design.
TR 5. Designing the characteristic features of the form based on its function, its scale and proportions in the design of objects.
TR 6. In the design of the product, they learn to take into account its relationship

with the environment in the project process.
Learning outcomes for the subject "Furniture design" (TR)
TR I. It explains the creation of a general idea about furniture design.
TR 2. In the stage of furniture design applies the concept of the designer approach.
TR 3. Furniture design applies teamwork in the design phase.
TR 4. It applies the ergonomic design of furniture depending on the function of the environment.
TR 5. It applies the formation of modern furniture design ideas.
TR 6. Practices designing furniture based on the direction of modern style.
Learning outcomes for the subject "CoLOr and light in design" (TR)
TR I. CoLOr and Light in Design is a systematic guide to all aspects of the design process, explaining the perception of coLOr, the rendering of coLOr, the dynamics of coLOr and light, and knowledge of the basic functions of lighting.
TR 2. It applies the correct approach to the coLOr and light arrangement of the interior and exterior environment, the coLOr and light methodoLOgy in the interior and exterior, which is a single part of the creative process.
TR 3. It applies how sunlight enters the space and how to manage this natural element.
TR 4. Explains the primacy and dominance of Sunlight in space for all types of projects.
TR 5. Taking into account sunlight, its dynamic nature, the shadows it creates, the subtle changes it creates in architecture and design, shapes and colors, it applies the process of optimizing lighting according to human psychology and lifestyle.
TR 6. It applies to project lighting for each space.
Learning outcomes for the subject "Eco-design" (TR)
TR I. Explains the concept of eco-design and the main factors of demand for this type of design.
TR 2. Green buildings in eco-design apply the requirements set during their design.
TR 3. Site selection in green buildings explains the influence of climate conditions and available natural resources in the area on eco-design.
TR 4. Applies the consideration of natural resource use and energy saving when planning the design of green buildings.
TR 5. Applies construction materials, evaluation of their eco-efficiency and areas of use.
TR 6. Explains information on the types of green buildings assessment and certification based on the requirements of eco-design.
Training results on the subject "Design Portfolio" TR
TR I. It applies to teaching the basics of portfolio creation and instilling the ability

to work in different areas of their specialization.	
TR 2. Explains how to improve aspects of deveLOping taste while organizing a portfolio.	
TR 3. It explains the goals and principles of creating portfolio presentation materials.	
TR 4. Applies to analyze and adequately evaluate and present the results of own educational and project activities.	
TR 5. During the organization of the portfolio, applies the rules of using technoLOgical tools: presentation equipment and software.	
TR 6. It applies the types of portfolio (image) copying, composition, systematic reasoning, typification, and systematic design.	

Appendix 2

Matrix of learning outcomes of subjects and Educational Program

The name of the bLOck	Name of subjects	Learning outcomes of the program					
		LO 1	LO 2	LO 3	LO 4	LO 5	LO 6
General subjects	history of Azerbaijan	X					X
	Business and academic communication in Azerbaijani language	X					
	Business and academic communication in a foreign language	X					X
Specialization disciplines	Drawing	X					
	Painting	X		X			
	Perspective			X			
	Basics of design		X	X		X	
	Ergonomics		X		X		
	Design history		X				X
	Introduction to Multiculturalism	X					
	Civil defense	X					
	"Applied software (general course)"						X
	"Branding, visual identity and LOgo design"					X	X

Selection disciplines	Discipline						
	"Advertising Design"					X	X
	"Interior design"						X
	"History of art and industrial design"	X		X			X
	"History of Modern Design"	X					X
	"Design"				X	X	X
	"Exterior and landscape design"		X	X	X		X
	"Material Technology"		X				
	"Product Design"		X		X		
	"Furniture design"			X	X		X
	"Color and light in design"		X	X		X	X
	"Eco-design"		X				
	"Design Portfolio"				X	X	X