MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN

EDUCATIONAL PROFESSIONAL PROGRAM
FASHION INDUSTRY

Level of higher education – first bachelor's degree

Degree of higher education – Bachelor

Knowledge area – 18 Manufacturing and technology

Specialty –182 Consumer industry technologies

Qualification – Bachelor in Consumer industry technologies

Kyiv 2021

1. Profileoftheeducational professional program Fashion industry

1 – General information	
Full names of the higher education institution and structural unit	Kyiv National University of Technologies and Design, Department of Design and Technologies of Leather Products.
Degree of higher education and qualification	Level of higher education - first (bachelor's). Degree of higher education - bachelor. Knowledge area - 18 Manufacturing and technology. Specialty - 182 Consumer industry technologies.
Diploma and the scope	Master`s Diploma Bachelor's degree, single, 240 credits ECTS. Bachelor's degree, single, 180 creditsECTS for a reduced period of study.
Accreditation	Accreditation Certificate of study program UD № 11011078. From 12.06.2019.
Cycle/level	National Qualifications Framework of Ukraine - level 6.
Prerequisites	Complete general secondary education, professional higher education or junior bachelor's degree (junior specialist). In accordance with the Standard of Higher Education in the specialty based on the degree of junior bachelor (OQR of the junior specialist), the University recognizes and recalculates ECTS credits received within the previous educational program of junior bachelor (junior specialist).
Language	Ukrainian
The validity of the study program	1 July 2024
Weblink to the study program description	http://knutd.edu.ua/ekts/
2 – The purpose of the study program	
Training of specialists with deep knowledge, as well as basic and professional competencies in the field of fashion industry and production of light industry products, aimed at acquiring knowledge, skills and abilities in design and design of products and other consumer goods of mass and individual production and special purpose. The main objectives of the program are: formation and development of general and professional competencies in the field of fashion industry for production and technologies of light industry by type of economic activity, which involves the introduction into professional activity of acquired knowledge and practical skills of integrative solution of complex specialized problems and practical problems. industries that are characterized by complexity and uncertainty of conditions and involve the application of certain theories and methods of engineering sciences.	
3 – Characteristics of the study program	
Subject area	The program is focused on the formation of applicants for competencies to acquire deep knowledge, skills and abilities in the specialty. Compulsory training modules - 75%, of which: disciplines of general training - 26%, vocational training - 48%, practical training - 13%, learning a foreign language - 13%. Disciplines of free choice of students - 25% are selected from the university catalog in accordance with the approved procedure at the University.
Program orientation	Educational and professional program for bachelor's degree
The main focus of the program	Emphasis is placed on the formation and development of professional competencies in the fashion industry; study of theoretical and methodological provisions, organizational and practical tools for creating skills of integrated (informational, analytical, aesthetic, model, design and technological, practical, energy-saving, cost-effective, presentation) solution of project problems.

Study program features	The program develops prospects for student mobility in terms of practical application of educational results in design studios, fashion houses in three areas: fashion industry, design of footwear and haberdashery, technology and design of knitwear. Performed at enterprises, firms and organizations engaged in business activities in the field of fashion and / or footwear, knitwear, covering issues of fashion, style and image.	
4 – Graduate's suitability for employment and further study		
The employment suitability	The graduate is suitable for employment in enterprises, organizations and institutions of light industry by type of economic activity and the sphere of fashion industry. List of professions that can be performed by the applicant: designer, fashion designer, stylist, image maker, visual merchandiser, decorator, costume designer, buyer, designer-technologist in the fields of sewing, knitting, footwear, leather goods, fashion editor, trend analysts etc.	
Further study	Opportunity to study according to the educational-scientific and / or educational-professional program of the second (master's) level of higher education.	
5 – Teaching and grading		
Teaching and learning	Student-centered and problem-oriented learning, learning through industrial practice and self-learning through electronic educational resources, placed in the modular environment of the educational process KNUTD. The system of teaching methods is based on the principles of purposefulness, binary - active direct participation of research and teaching staff and applicants for higher education. Forms of organization of the educational process: lecture, seminar, practical, laboratory classes, practical training, independent work, consultations, development of professional projects (works), collections of products and design projects (works).	
Grading	Exams, tests, project work, presentations, reports, portfolio, calculation and graphic works, term papers (projects), complex exam in the specialty.	
6 – Program competencies		
Integral competence **(IC)**	Ability to solve complex specialized problems and practical problems in the production and technology of light industry or in the learning process, which involves the application of certain theories and methods of relevant science and is characterized by complexity and uncertainty of conditions.	
General competencies (**GC)**	GC 1	The ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.
	GC 2	Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies. active recreation and a healthy lifestyle.
	GC 3	Ability to abstract thinking, analysis and synthesis.
	GC 4	Ability to apply knowledge in practical situations.
	GC 5	Ability to adapt and act in a new situation.
	GC 6	Skills in the use of information and communication technologies.
	GC 7	Ability to make informed decisions.
	GC 8	Ability to learn and master modern knowledge.
	GC 9	Safe activities skills.
	GC10	Ability to act on the basis of ethical considerations (motives).

Professional competencies (**PC)**	PC 1	Ability to use knowledge and understanding of basic sciences to solve professional problems.
	PC 2	Ability to use mathematical methods in the design of light industry products and technologies for their manufacture, as well as in production control.
	PC 3	Ability to apply modern experimental methods to determine the characteristics of materials and light industry products.
	PC 4	Ability to systematically describe the processes of manufacturing light industry products and find optimal solutions to production and technological problems.
	PC 5	Ability to organize and implement effective technological processes of manufacturing and / or sales of light industry products for various purposes.
	PC 6	Ability to ensure the efficiency and quality of design and technological work in light industry.
	PC 7	Ability to solve a wide range of specialized problems and tasks in professional activities, justifying the choice of methods and proposed solutions.
	PC8	Ability to professionally use special terminology for the design and manufacture of products and technologies of light industry.
	PC 9	Ability to carry out feasibility studies of production decisions, in particular on the choice of materials, product range, their consumer properties and equipment of technological processes.
	PC 10	Ability to obtain, store, process and analyze information necessary to solve problems of professional activity, quality forecasting at all stages of design, manufacture and / or sale of light industry products.
	PC 11	Ability to develop design documentation for mass and individual products in the fashion industry.
	PC 12	Ability to implement spatial and planar modeling for the development of products of the fashion industry.
	PC 13	ability to abstract thinking, analysis and synthesis.
Block 1 of professional orientation " Fashion Industry"		
	PC14.1	Ability to develop designs of leather accessories for various purposes from modern materials
	PC15.1	Ability to develop technical documentation for products for various purposes.
	PC16.1	Ability to form an assessment of the laws of competitiveness of the enterprise, study the mechanism of competition, analysis of the level of competitiveness of the enterprise, the ability to develop and apply strategies to support the development and acquisition of competitive advantages.
	PC17.1	Ability to form theoretical knowledge in the field of public relations and exhibition activities, development of practical skills in the use of PR-technologies and exhibitions as a tool of marketing communications.
	PC18.1	Ability to use sketches of models and their technical drawings with the use of modern graphic computer programs, to develop basic designs in an automated mode with the use of modern CAD.
Block 2 of professional orientation "Footwear and Haberdashery Design"		
	PC14.2	Ability to perform spatial modeling of the shape and elements of shoes in the environment of specialized graphic CAD.
	PC15.2	Ability to model the parameters and spatial shape of the pad for mass and individual shoe production; generate a new shoe design and its elements of different styles according to the task.

	PC16.2	Ability to form a range of leather products under the influence of trends; model and make shoes for a wide range of products; acquiring knowledge of the terminology of leather products, the process and stages of creating and promoting a brand and use specialized professional tools and technologies in the field of footwear production.
	PC17.2	Ability to form general ideas and professional knowledge in the field of footwear and accessories, aimed at acquiring the knowledge, skills and abilities necessary to ensure the ability of students to professional activities, namely the manufacture of products of this segment of a wide range.
Block 3of professional orientation "Technologies and design of knitwear"		
	PC14.3	Ability to use knowledge and understanding of the theory of knitting in solving technological problems in the conditions of knitting production.
	PC15.3	Ability to ensure the implementation and control of technological processes in manufacture the products with a preset shape.
	PC16.3	Ability to provide artistic and technological design of knitted fabrics and products.
	PC17.3	Ability to prevent and eliminate technological violations of knitwear production.

7 – Program learning outcomes	
Knowledge and understanding:	
PLO 1	Know and understand the basic and applied sciences at the level necessary to achieve other results of the educational program.
PLO 2	Have professional terminology and basic concepts in materials science, design, technology, design, commodity science, technological processes of manufacturing light industry products, the range of quality indicators
PLO 3	Have the skills of business communication, teamwork, be able to lead a discussion in the field of light industry technology.
PLO 4	Adhere to ethical norms in relation to other people and nature (the principle of bioethics), understanding the impact of advances in light industry technologies on the social sphere.
PLO 5	Have the skills to effectively solve the tasks of professional activity with the obligatory observance of labor protection requirements and guarantee of preservation of life, health and working capacity in professional activity.
PLO 6	Have skills in the technology of manufacturing light industry products, including the implementation of design-technological and technical-economic design.
PLO 7	Know and understand the knitting technology of different interlooping and technological capabilities of knitting machines of different types.
PLO 8	Know and understand the knitting technology of fully-fashioned products and products with a preset shape.
PLO 9	Know and understand the principles of embodying the intellectual and ideological base in the aesthetic components of the design of their own collections.
Skills:	
PLO 10	Use modern information systems and technologies, general and specialized software in professional activities.
PLO 11	To determine the characteristics and quality of light industry products in the laboratory using modern methods of production control.
PLO 12	Apply computer technology to solve technological / design problems using appropriate software, knowledge of analysis and display of results.
PLO 13	Apply abstract thinking in solving complex specialized problems in the production and technology of light industry.
PLO 14	Describe, identify and classify light industry facilities. Know and understand modern principles of light industry organization.

PLO15	Know and understand the technology of manufacturing light industry products, including the implementation of technological, technical and economic and design.
PLO 16	Organize, control and manage the technological processes of manufacturing light industry products.
PLO 17	Have the skills to independently perform typical professional tasks, group leadership and mentoring.
PLO 18	Perform engineering calculations necessary for the implementation of professional activities, following standard methods and applicable regulations.
PLO 19	Be able to develop, improve or evaluate production products and light industry technologies.
PLO 20	Ensure economic efficiency of production and sale of light industry products through the introduction of resource-saving and competitive technologies.
PLO21	Use spatial modeling skills to develop products in the fashion industry
PLO 22	Be able to form the structure of the range of light industry products in accordance with their purpose on the basis of acquired knowledge about the variety of raw materials and patterns of design solutions
PLO 23	Apply knowledge and understanding of figurative, compositional thinking, aesthetic taste in the design of artistic systems of costume models (ensemble, wardrobe, collection, etc.).
PLO 24	Be able to critically analyze and form professional conclusions about the activities of modern designers, the results of fashion events of various levels and the formation of global trends in the development and presentation of their own brand.
PLO 25	Be able to develop ground-models of shoes and sets of patterns of different designs of products of the fashion industry.
PLO 26	Be able to form the optimal structure of PR-events and PR-technologies in the exhibition business, plan advertising campaigns and promotions to promote sales, develop advertising appeals, calculate the advertising budget of the campaign, calculate the economic efficiency of the advertising campaign, study, analyze and evaluate used PR-measures and PR-technologies in pre-exhibition and post-exhibition activities.
PLO 27	Perform design work on modeling structures and making a set of patterns of shoe parts.
PLO 28	Apply graphic techniques to visualize your own ideas in sketches of shoes and leather accessories.
PLO 29	Use modern graphics programs to solve problems of designing the shape and design of shoes.
Forming reasoning:	
PLO 30	Collect, process, analyze information related to light industry products, their production technologies, quality expertise, technical and economic indicators and demand.
PLO 31	Communicate freely on professional issues orally and in writing in the state and foreign languages.
PLO 32	To form the structure of the range of light industry products in accordance with their purpose and the requirements of standards and consumers.
PLO 33	Preserve and increase the achievements and values of society, lead a healthy lifestyle.
PLO 34	To form and defend one's own worldview and public position, to act socially responsibly and consciously.
PLO 35	Adhere to the requirements of labor protection and the environment in professional activities.
PLO 36	Ability to identify areas for improving the efficiency of technological processes for the manufacture of light industry products (non-woven textiles, fabrics, knitwear, footwear, haberdashery, garments, etc.).
PLO 37	Apply the economic foundations of the structural functionality of the organization of production and / or sales of products for various purposes.
PLO 38	Choose the type and linear density of the thread or yarn in accordance with the type and gauge of knitting machine; choice the interlooping type in accordance with the assortment group of knitwear; a method of manufacturing a knitted product.
PLO 39	To develop patterned knitted fabrics with colored, openwork, relief effect on the basis of various interlooping in accordance with the assortment group of the knitted product.

8 – Resources for program implementation	
Staffing	All scientific and pedagogical workers who provide educational and professional program by qualification, correspond to the profile and direction of the educational components taught; have the necessary experience of pedagogical work and experience of practical work. In the process of organizing training, professionals with experience in research, management, innovation, creative work and / or work in the specialty are involved.
Logistics	Logistics allows to fully ensure the educational process throughout the training cycle of the educational program. The condition of the premises is certified by sanitary and technical passports that comply with current regulations.
Information and methodical support	The program is fully equipped with an educational and methodological complex of all components of the educational program, the availability of which is presented in the modular environment of the educational process of the University.
9 – Academic mobility	
National credit mobility	Provides for the possibility of academic mobility in some components of the educational program, providing the acquisition of general and / or professional competencies.
International credit mobility	The program develops prospects for participation and internships in research projects and academic mobility programs abroad.
Studying for foreign students	Training of foreign applicants for higher education is carried out according to accredited educational programs.

2. The list of components of the educational-professional program and their logical sequence

2.1 List of components of the educational-professional program of the first (bachelor's) level of higher education

Cod	Components of the study program (study courses, courses projects (works), practices, qualification work)	Number of credits	Form of control
Compulsory components			
General courses cycle			
CC 1	Ukrainian and foreign culture	3	test
CC 2	Business Ukrainian language	3	test
CC 3	Philosophy, political science and sociology	6	exam
CC 4	Foreign language (english, german, france)	12	exam
CC5	Physical education[1]	3	test
CC 6	Higher mathematics	6	exam
CC 7	Physics	6	exam
CC 8	Chemistry	3	exam
CC 9	Information systems and technologies	6	exam
CC 10	Life safety and civil protection	3	exam
CC 11	Engineering and computer graphics	6	exam
CC 12	Foreign language of professional orientation (English, German)	12	exam
	Total for the cycle	**69**	
Professional courses cycle			
CC 13	Entrepreneurial business	3	test
CC 14	Professional communications	3	test
OK 15	Materials science	6	exam
OK 16	Modern technologies in the fashion industry	3	test
OK 17	2D and 3D technologies in the fashion industry	6	exam
OK 18	Fundamentals of the fashion industry	3	exam
OK 19	Art history	3	test
OK 20	Designing the components of the suit	12	exam
OK 21	Design and technological preparation of production	9	exam
OK 22	Basics of textile technology	6	exam
OK 23	Design and manufacture of products in the fashion industry	9	exam
OK 24	Anthropometry and basics of biomechanics	3	exam
OK 25	Practical training		
OK 25.1	Educational practice	12	test
OK 25.2	Internship	12	test
Block 1 of professional orientation " Fashion Industry"			
OK 26.1	Design of goods in the field of fashion industry for various purposes	6	test
OK 27.1	Technology of manufacturing products from different materials	3	exam
OK 28.1	Formation of competitiveness of goods in the process of designing and manufacturing products	6	test
OK 29.1	PR-technologies in exhibition activity	3	test
OK 30.1	Modern automation in costume design	3	test
Block 2 of professional orientation "Footwear and Haberdashery Design"			
OK 26.2	Art and computer graphics	6	exam
OK 27.2	Modeling of leather products	3	exam
OK 28.2	Design and branding of leather products	6	exam
OK 29.2	Technology of leather products	6	exam
Block 3 of professional orientation "Technologies and design of knitwear"			
OK 26.3	Knitwear production technology	6	exam
OK 27.3	Technology of products with a preset shape	3	exam
OK 28.3	Artistic and technological design of knitted fabrics	6	exam
OK 29.3	Basics of knitting production design	6	exam
	Total from the cycle	**111**	
	The total amount of required components	**180**	
Selective components of the educational program			
ДВВС	Disciplines of free choice of the student	60	test
	The total amount of sample components	**60**	
	TOTAL CREDITS	**240**	

[1] – non-credit discipli