

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN

EDUCATIONAL PROFESSIONAL PROGRAM

STYLING, DESIGN AND ARTISTIC FINISHING OF FASHION INDUSTRY

PRODUCTS

Level of higher education first.

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. Profile of the scientific study program Styling, design and artistic finishing of fashion industry products.

1 – General information	
Full names of the higher education institution and structural unit	Kyiv National University of Technologies and Design, Department of Ergonomics and Design;
Degree of higher education and qualification	Level of higher education - first Degree of higher education - Bachelor. Knowledge area - 18 Manufacturing and technology. Specialty - 182 Consumer industry technologies.
Diploma and the scope	Bachelor`s Diploma, unitary, 240 credits ECTS. 180 ECTS credits for a reduced period of study.
Accreditation	Accreditation Certificate of study program УД № 11007001 від 11.07.2018 y. Valid until 01.07.2023 y.
Cycle/level	the sixth level according to National Qualifications Framework
Prerequisites	Complete general secondary education, professional higher education or junior bachelor's degree (junior specialist). According to 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 2023
Weblink to the study program description	http://knutd.edu.ua/ekts/
2 – The purpose of the study program	
<p>Training the specialists with deep knowledge, as well as basic and professional competencies in the field of modeling, design and decoration of clothing and other light industry products in the fashion industry aimed at gaining the student's ability to have modern and promising methods of design of clothing of various types and purposes, taking into account the utilitarian-technical and artistic-aesthetic parameters.</p> <p>The main objectives of the program are the formation and development of general and professional competencies in light industry technology, which involves the introduction of professional knowledge and practical skills in developing ergonomic highly aesthetic light industry products and forming the structure of their range in the fashion industry.</p>	
3 – Characteristics of the study program	
Subject area	deep knowledge, skills, and abilities in the field of manufacturing and technology of the consumer industry. Compulsory studying modules – 75%, of which: general courses – 30%, vocational training – 44%, practical training – 13%, a foreign language studying – 13%. Elective disciplines (25%) are chosen by students from the general University catalog according to the approved University Procedure.
Program orientation	the Bachelors scientific study program.
The main focus of the program	Emphasis is on the formation and development of professional competencies in the field of forming the structure of design projects; study of theoretical and methodological provisions, organizational and practical tools for creating various systems of highly aesthetic, ergonomic, competitive clothing and other light industry products.

Study program features	<p>The program focuses on modern research in the field of modeling, design and decoration of light industry products, takes into account the specifics of sewing companies of different capacities in the fashion industry, research institutions, focuses on current specializations in which students determine professional and scientific careers.</p> <p>Production practice is carried out at modern garment enterprises of Ukraine of various organizational forms.</p>	
4 – Graduate’s suitability for employment and further study		
The employment suitability	<p>The graduate is could be employed in enterprises, organizations and institutions operating in the field of light industry and hold the positions of fashion designer, fashion designer, designer, technologist of light industry, designer in the studio, design studio, stylist, consultant, expert in fashion industry, in the theatrical environment of a costume designer, in the field of applied decorative art expert, designer, etc.</p> <p>Professional names of works that can be performed by the applicant: designer, stylist, artist, decorator, designer, fashion designer, engineer, confectioner, consultant in the fields of garment production, light industry technologies.</p> <p>The graduate can hold positions: in the theatrical environment-chief consultant for costumes and props, in the field of decorative and applied arts-chief expert.</p>	
Further study	<p>Opportunity to study according to the educational-scientific and / or educational-professional program of the second (master's) level of higher education.</p>	
5 – Teaching and grading		
Teaching and learning	<p>Student-centered and problem-oriented learning, learning through research, scientific-pedagogical and practical training, and self-study are used.</p> <p>The system of teaching methods is based on the principles of purposefulness and binary - active direct participation of research and teaching staff and students.</p> <p>Forms of the education: lecture, seminar, practice, laboratory classes, practical training, individual work, consultation.</p>	
Grading	<p>Exams, tests, courses projects, presentations, reports, qualification work, practice reports, portfolio, tests, design work, calculation and graphic work, presentations, Master`s thesis.</p>	
6 – Program competencies		
Integral competence (IC)	<p>Ability to solve complex problems of the consumer industry technologies or of the training, which involves research and/or innovation and is characterized by the uncertainty of conditions and requirements.</p>	
General competencies (GC)	GC 1	<p>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.</p>
	GC 2	<p>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</p>
	GC 3	<p>Ability to abstract thinking, analysis and synthesis.</p>

	GC 4	Ability the knowledge using at practice.
	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	Skills for safe activities.
	GC 10	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 for the manufacture and / or sale 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.
	PC 8	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 projects, organize the design and creative process, develop creative thinking and search for creative design solutions.
	PC 12	Ability to develop collections of clothing models of different assortment and purpose for women, men and children from different materials, including knitwear, leather, fur, etc .; perform design of modern clothing models taking into account current fashion trends and innovations in the fashion industry, including the use of modern computer programs.
	PC 13	Ability to draw up design and technological documentation for the manufacture of products in compliance with existing regulatory requirements in terms of garment production of different capacities.

7 – Program learning outcomes	
Knowledge and understanding:	
PLO 1	to know and understand the basic and applied sciences at the level necessary to achieve other results of the educational program.
PLO 2	to know and understand the technology of manufacturing light industry products, including the implementation of technological, technical, economic and design.
Skills:	
PLO 3	to apply abstract thinking in solving complex specialized problems in the production and technology of light industry.
PLO 4	to use modern information systems and technologies, general and specialized software in professional activities.
PLO 5	to determine the characteristics and quality of light industry products in the laboratory using modern methods of production control.
PLO 6	to possess 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 7	to describe, identify and classify light industry facilities. Know and understand modern principles of light industry organization.
PLO 8	To organize, control and manage the technological processes of manufacturing light industry products.
PLO 9	to collect, process, analyze information related to light industry products, production technologies, quality expertise, technical and economic indicators and demand.
PLO 10	to have the skills to independently perform typical professional tasks, group leadership and mentoring.
PLO 11	to perform engineering calculations necessary for professional activities, following standard methods and applicable regulations.
PLO 12	to form the structure of the range of light industry products in accordance with their purpose and the requirements of standards and consumers.
PLO 13	to able to develop, improve or evaluate production products and light industry technologies.
PLO 14	to adhere to the requirements of labor protection and the environment in professional activities.
PLO 15	to ensure economic efficiency of production and sale of light industry products through the introduction of resource-saving and competitive technologies.
PLO 16	to 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 17	to mastering the practical skills of using various graphic means and techniques of composition in the artistic design of clothing and other light industry products.
PLO 18	to apply knowledge and understanding of figurative, compositional thinking, aesthetic taste in the design of artistic systems of clothing models; principles of development of creative and industrial collections of new models of clothes of various function and other products of light industry.
PLO 19	to apply modern and promising methods of designing clothes of different silhouettes and three-dimensional shapes, taking into account the basic laws of composition and plastic properties of materials.
PLO 20	to use the principles of building a dimensional typology in the design of clothing for different groups, the basics of ergonomics and comfort requirements for clothing to calculate the parameters of light industry products.

PLO 21	to demonstrate theoretical and experimental skills in the application of modern methods of modeling and decoration for the development of models and collections of clothing models using modern fashion trends from various creative sources, stylistic solutions and achievements of industry, science, technology and art based on a systematic approach.
PLO 22	to develop drawings of details of constructions and constructive-decorative elements of products of various assortment, cut and silhouette taking into account properties of materials, to provide quality of landing of garments on figures of consumers.
Forming reasoning:	
PLO 23	to have the skills of business communication, teamwork, be able to lead a discussion in the field of light industry technology.
PLO 24	to communicate freely on professional issues orally and in writing in the state and foreign languages.
PLO 25	to form and defend one's own worldview and public position, to act socially responsibly and consciously.
PLO 26	to predict the development of technologies and manufacturing, market conditions in the Preserve and increase the achievements and values of society, lead a healthy lifestyle.
8 – Resources for program implementation	
Staffing	All teaching staff who provide this scientific study program correspond to the taught courses profile by qualification and have got the necessary experience of pedagogical activity and practical work. High professionals with experience in research / management / innovation / creative work in the consumer industry field are involved in the training.
Logistics	Logistics allows to fully ensure the educational process throughout the study program cycle. The condition of the classes and laboratories is certified with sanitary and technical passports that comply with existing regulations.
Information and methodical support	The program is fully provided with an educational and methodical complex of all courses, which availability is presented in the modular environment of the educational process of the University.
9 – Academic mobility	
National credit mobility	The program provides the possibility for academic mobility in some components provided the acquisition of general and / or professional competencies.
International credit mobility	The program develops prospects for internships and participation in research projects and academic mobility programs abroad. Performed in an active research environment.
Studying for foreign students	Studying of foreign students is according to accredited programs.

2.1 List of components (study courses) of the scientific study program of the second (master'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
1	2	3	4
Compulsory components			
General courses cycle			
CC 01	Ukrainian and foreign culture	3	credit
CC 02	Foreign Language (english , german , france)	12	exam
CC 03	Business Ukrainian language	3	credit
CC 04	Philosophy, political science and sociology	6	exam
CC 05	Higher mathematics	6	exam
CC 06	Physics	6	exam
CC 07	Life safety and civil protection	3	exam
CC 08	Engineering and computer graphics	6	exam
CC 09	Chemistry	3	exam
CC 10	Information systems and technologies	6	exam
CC 11	Foreign language of professional orientat	12	exam
CC 12	Physical education¹	3/9 ¹	credit
Total for the cycle		69	
Professional courses cycle			
CC 13	Basics of designing and producing clothes	3	credit
CC 14	Artistic and graphic composition	3	credit
CC 15	Costume and fashion of history	3	credit
CC 16	Professional communications	3	credit
CC 17	Entrepreneurial business	3	credit
CC 18	Materials science	3	exam
CC 19	Basics of clothing design	3	exam
CC 20	Equipment for the manufacture of products	3	exam
CC 21	Technology of sewing products	12	exam
CC 22	Designing of garments	12	exam
CC 23	Qualitology of garment production	3	exam
CC 24	Construction preparing of manufacture	3	exam
CC 25	Comfort and safety clothing	3	credit
CC 26	Ergonomics	3	credit
CC 27	Design of artistic clothing systems	3	exam
CC 28	Computer design of goods	6	exam
CC 29	Design of plastic form of clothes	3	credit
CC 30	Artistic design of light industry products	9	exam
CC 31	Innovative technologies of industrial goods	3	credit
CC 32	Industrial manufacturing of products	3	credit
CC 33	Educational practice	18	credit
CC 34	Production practice	6	credit
Total for the cycle		111	
Total credits for Compulsory components		180	
Elective components			
EC	Courses for student`s choice	60	credit
TOTAL CREDITS		240	

¹ Discipline is non-credit in 2, 3, 4 semesters.