

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 second.

Degree of higher education Master.

Knowledge area 18 Manufacturing and technology

Specialty 182 Consumer industry technologies.

Qualification Master in Consumer industry technologies

Kyiv 2021

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

<b>1 – General information</b>	
<b>Full names of the higher education institution and structural unit</b>	Kyiv National University of Technologies and Design, Department of Ergonomics and Design;
<b>Degree of higher education and qualification</b>	Level of higher education - second. Degree of higher education - Master. Knowledge area - 18 Manufacturing and technology. Specialty - 182 Consumer industry technologies.
<b>Diploma and the scope</b>	Master`s Diploma, unitary, 90 credits ECTS.
<b>Accreditation</b>	Accreditation Certificate of study program УД № 11007052 від 11.07.2018 y. Valid until 01.07.2023 y.
<b>Cycle/level</b>	the seventh level according to National Qualifications Framework
<b>Prerequisites</b>	Bachelor degree
<b>Language</b>	Ukrainian
<b>The validity of the study program</b>	1 July 2023
<b>Weblink to the study program description</b>	<a href="http://knutd.edu.ua/ekts/">http://knutd.edu.ua/ekts/</a>
<b>2 – The purpose of the study program</b>	
<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 with wide access to employment, aimed at gaining the student's ability to develop a design concept and prognostic model for the formation of a range of products for various purposes.</p> <p>The main objectives of the program are the formation and development of general and professional competencies in the consumer industry field. It involves the following: the introduction of professional knowledge and practical skills of development of ergonomic highly aesthetic products of light industry and formation of structure of their range in the field of fashion industry.</p>	
<b>3 – Characteristics of the study program</b>	
<b>Subject area</b>	<p>deep knowledge, skills, and abilities in the field of manufacturing and technology of the consumer industry.</p> <p>Compulsory studying modules – 73%, of which: general courses – 6 %, vocational training – 50%, practical training – 12%, a foreign language studying – 6%, diploma – 26%. Elective disciplines (27%) are chosen by students from the general University catalog according to the approved University Procedure.</p>
<b>Program orientation</b>	the Masters scientific study program.
<b>The main focus of the program</b>	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.
<b>Study program features</b>	<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>The program develops prospects for internships at modern garment enterprises in Ukraine of various organizational forms.</p>

<b>4 – Graduate’s suitability for employment and further study</b>	
<b>The employment suitability</b>	The graduate is could be employed in enterprises, institutions, and organizations of the consumer industry as an designer, stylist, artist, decorator, designer, fashion designer, engineer, specialists are able to attract professional work. Management positions that can be held by graduates in garment enterprises: chief fashion designer, chief designer, technologist, designer in the studio, design studio, research engineer in research organizations, consultant, expert in the field of fashion industry, industrial design, development and rest. 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.
<b>Further study</b>	Lifelong learning to improve professional, scientific and other activities. Possibility to continue studying at the educational-scientific program of the third level of higher education (PhD).
<b>5 – Teaching and grading</b>	
<b>Teaching and learning</b>	Student-centered and problem-oriented learning, learning through research, scientific-pedagogical and practical training, and self-study are used. The system of teaching methods is based on the principles of purposefulness and binary - active direct participation of research and teaching staff and students. Forms of the education: lecture, seminar, practice, laboratory classes, practical training, individual work, consultation.
<b>Grading</b>	Exams, tests, courses projects, presentations, reports, qualification work, practice reports, portfolio, tests, design work, calculation and graphic work, presentations, Master`s thesis.
<b>6 – Program competencies</b>	
<b>Integral competence (IC)</b>	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.
<b>General competencies (GC)</b>	<b>GC 1</b> Ability the knowledge using at practice.
	<b>GC 2</b> Ability to plan and manage time.
	<b>GC 3</b> Ability to communicate in a foreign language.
	<b>GC 4</b> Interpersonal skills.
	<b>GC 5</b> Ability to the teamwork.
	<b>GC 6</b> Ability to abstract thinking, analysis and synthesis
<b>Professional competencies (PC)</b>	<b>PC 1</b> Ability to develop and manage projects in the field of the consumer industry technologies.
	<b>PC 2</b> Ability to collect, analyze and process information from different sources, including foreign ones, to solve complex scientific and creative problems in the field of the consumer industry technology.
	<b>PC 3</b> Ability to safe activities when manufacturing the consumer industry products.
	<b>PC 4</b> Ability to demonstrate initiative and leadership, to bear personal responsibility in the professional sphere.
	<b>PC 5</b> Ability to use information technology for processing and analysis of empirical data, modeling, design, manufacturing, and quality control of the consumer industry products.
	<b>PC 6</b> Ability to make effective decisions and ensure the appropriate quality level of work, safety, and economic efficiency the manufacturing in the consumer industry.
	<b>PC 7</b> Ability to adapt and solve a wide range of complex problems and tasks, characterized by uncertainty of conditions and requirements in the field of production and light industry technologies.
	<b>PC 8</b> Ability to develop complex design projects, create new artistic and technical solutions for clothing models, accessories and their collections.
	<b>PC 9</b> Ability to generate new ideas (creativity).

## 7 – Program learning outcomes

### **Knowledge and understanding:**

PLO 1	to have specialized conceptual knowledge, including modern scientific achievements in the field of the consumer industry manufacturing and technologies, sufficient to produce new ideas and conduct research.
PLO 2	to understand the broad interdisciplinary context of production and light industry technologies, take into account legal, economic, social, ethical, environmental aspects in solving complex scientific, engineering and production problems and making appropriate decisions.

### **Skills:**

PLO 3	to plan scientific and/or applied research in the field of textile and consumer industry technologies, to choose effective research methods, to process and analyze research results, to justify conclusions.
PLO 4	to develop and implement innovative projects in the field of textile and consumer industries manufacturing and technologies, taking into account technological, commercial, legislative, and other aspects; protect the intellectual property right.
PLO 5	to find the necessary information in the scientific literature, patents, databases, other sources; to evaluate, process, and critically analyze it for the development and implementation of scientific and innovative projects.
PLO 6	to use modern methods and equipment for experimental research of technologies, manufacturing processes, materials, and products of the consumer industry, to apply relevant methods for planning and statistical processing of experimental data.
PLO 7	to learn new knowledge and skills individually, to help teammates in learning.
PLO 8	to develop modern and promising aesthetic and ergonomic clothing models and their systems of various silhouettes and three-dimensional forms, accessories using modern fashion trends, style solutions and new achievements in industry, science, technology and art and their further promotion in the fashion industry.
PLO 9	to demonstrate systematic knowledge and understanding of the fashion industry and its components, the current state and dynamics of fashion development, fashion marketing, branding, merchandising, etc.

### **Forming reasoning:**

PLO 10	to communicate fluently in state and foreign languages orally and in writing on scientific, engineering, and manufacturing issues in the field of textile and consumer industries technologies, to present the activities results.
PLO 11	to communicate own conclusions, research and innovation results to specialists and non-specialists, in particular to colleagues, business partners, and students, to argue own position clearly and unambiguous.
PLO 12	to evaluate objectively the quality and efficiency of own work, the work of own and other teams.
PLO 13	to predict the development of technologies and manufacturing, market conditions in the textile and consumer industries.
PLO 14	to organize the work of the research or production team, to manage its activities in accordance with applicable law and internal regulations of the enterprise / institution, ensure the team efficiency and work quality, occupational safety, and the environmental protection.
PLO 15	to assess and eliminate risks in making technological and organizational decisions in the field of production and light industry technologies, make effective decisions under uncertain conditions and requirements.
PLO 16	to organize research and design activities. Independently formulate and perform engineering and scientific tasks in the field of technology (modeling / design / construction / garment production / finishing) of light industry. Demonstrate originality and self-direction.

<b>8 – Resources for program implementation</b>	
<b>Staffing</b>	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.
<b>Logistics</b>	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.
<b>Information and methodical support</b>	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.
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	The program provides the possibility for academic mobility in some components provided the acquisition of general and / or professional competencies.
<b>International credit mobility</b>	The program develops prospects for internships and participation in research projects and academic mobility programs abroad. Performed in an active research environment.
<b>Studying for foreign students</b>	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
<b>Compulsory components</b>			
General courses cycle			
<b>CC 01</b>	Business Foreign Language ( <a href="#">english</a> , <a href="#">german</a> , <a href="#">france</a> )	3	credit
<b>CC 02</b>	<a href="#">Occupational safety and health in the industry</a>	3	exam
<b>CC 03</b>	<a href="#">Methodology of modern scientific studies with the basics of intellectual property</a>	3	exam
Total for the cycle		9	
Professional courses cycle			
<b>CC 04</b>	<a href="#">Theory and industry of fashion</a>	6	credit
<b>CC 05</b>	<a href="#">Innovative technologies in product design</a>	3	credit
<b>CC 06</b>	<a href="#">System-structural planning of wares of the different settings</a>	3	exam
<b>CC 07</b>	<a href="#">Modern technology of product design and decoration</a>	6	exam
<b>CC 08</b>	<a href="#">Advanced methods for clothing design</a>	3	exam
<b>CC10</b>	Research practice	6	credit
<b>CC 11</b>	Pre-diploma practice	9	credit
<b>CC 09</b>	Master`s thesis (project)	21	attestation
Total for the cycle		<b>57</b>	
<b>Total credits for Compulsory components</b>		<b>66</b>	
<b>Elective components</b>			
<b>EC</b>	Courses for student`s choice	24	credit
<b>TOTAL CREDITS</b>		<b>90</b>	