

MINISTRY OF PUBLIC HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY

Department of Dermatology, Venereology and Medical Cosmetology
Academic year 2021 -2022 a.y.

SYLLABUS OF THE EDUCATIONAL COMPONENT

«Cosmetology»
(the name of the educational component)

Normative or selective educational component selective

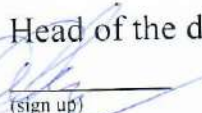
Form of education full-time
(full-time; external; distance learning)

Branch of knowledge 22 «Health care»
Specialty «221» Dentistry" second (master's) level
(code and name of the specialty)

Specialization (if available) _____
Educational and professional program (educational and scientific program) _
"Dentistry"
First / second / third (bachelor's / master's / educational-scientific) level of higher
education (choose the required one)
Course 2

Syllabus educational discipline was
approved at a meeting of the
Department of Dermatology,
Venereology and Medical
Cosmetology

Protocol
"27" 08 2021 year № 13

Head of the department
 prof. Bilivol A.M.
(sign up) (full name)

Approved by the methodical
commission of KhNMU of the
problems of therapeutic profile
(name)

Protocol
"31" 08 2021 year № 1

Head
 prof. Kravchun P.G.
(sign up) (full name)

SYLLABUS DEVELOPERS:

1. Head of the Department, prof. Bilovol A.M., MD

(last name, first name and patronymic, position, academic title, scientific degree)

2. Associate professor, Tkachenko S.G., PhD

(last name, first name and patronymic, position, academic title, scientific degree)

3. Associate professor Berehova A.A., PhD

(last name, first name and patronymic, position, academic title, scientific degree)

4. Associate professor Pustova N.O., PhD

(last name, first name and patronymic, position, academic title, scientific degree)

5. Assistant professor Havryliuk O.A., PhD

(last name, first name and patronymic, position, academic title, scientific degree)

6. Assistant professor Kolhanova N.L.

(last name, first name and patronymic, position, academic title, scientific degree)

(the second page "SYLLABUS DEVELOPERS" is printed on the back of the title page).

INFORMATION ABOUT TEACHERS TEACHING THE EDUCATIONAL COMPONENT

Last name, first name and patronymic, position, academic title, scientific degree

Head of the Department, prof. Bilovol A.M., MD

Associate professor, Tkachenko S.G., PhD

Associate professor Berehova A.A., PhD

Associate professor Pustova N.O., PhD

Assistant professor Havryliuk O.A., PhD

Assistant professor Kolhanova N.L.

Professional interests, links to the teacher's profile (on the website of the university, department, in the Moodle system, etc....)

Contact phone 706-31-99 , 706-30-13

Corporate mail of the teacher _____

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no.pustova@knmu.edu.ua

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Consultations

(face-to-face consultations: schedule and venue; online consultations: schedule, links to electronic resources)

Location

Kharkiv, 15 Kulikovsky descent _____

INTRODUCTION

The syllabus of the discipline "Cosmetology" is compiled in accordance with the educational-professional program (hereinafter - OPP) "Dentistry" and the Standard of Higher Education of Ukraine (hereinafter - the Standard), the second (master's) level, field of knowledge 22 "Health care", specialty 221 "Dentistry".

Description of the discipline

"Cosmetology" is devoted to the study of diagnostic methods, individual approach to treatment and rehabilitation of patients with congenital and acquired diseases of the skin and its appendages, which form cosmetic defects, their prevention using the achievements of modern cosmetology. The obtained theoretical knowledge and practical skills will help the future specialist to rationally and correctly analyze the age of the skin and determine methods of correction of these changes, analyze the pathological condition of hair and determine methods of their correction, determine indications for cosmetic surgery, identify skin pathologies that require injectable aesthetic correction methods.

The subject of study of the discipline is the study of the discipline is Cosmetology - a clinical medical discipline that studies the objective and subjective features of various clinical manifestations of skin lesions and mucous membranes in their unity and interaction with the environment. The object of activity is the preservation of public health, prevention and treatment of human diseases.

Interdisciplinary links: "Cosmetology" as a discipline is based on the disciplines of human anatomy, histology and morphology, human physiology, pharmacology, dentistry, surgery, therapy, endocrinology, gerontology, genetics, deontology and others, which involves the integration of teaching with these formation of skills to apply knowledge of cosmetology in the process of further education and professional activity.

Prerequisites The study of the discipline involves the preliminary mastering of academic disciplines in the disciplines of human anatomy, histology and morphology, human physiology in higher education.

Postrequisites The main provisions of the discipline should be used in the study of professional disciplines.

Link to the discipline page in MOODLE <http://distance.knmu.edu.ua/my/>

1. PURPOSE AND TASKS OF THE COURSE

1.1. The purpose of studying the discipline is €

The purpose of studying the elective course "Cosmetology" - the ultimate goals are set on the basis of the OPP of training a doctor in the specialty in accordance with the block of its sections and is the basis for building the content of the elective course. The description of goals is formulated through skills in the form of target tasks (actions). On the basis of the ultimate goals, specific goals are formulated in the form of certain skills (actions), target tasks that ensure the achievement of the ultimate goal of studying the elective course.

1.2. The main tasks of studying the discipline are

- identify groups of skin diseases that are to be treated by a beautician;
- analyze the age of the skin and determine methods of correction of these changes;
- analyze the pathological condition of the hair and determine the methods of their correction;
- determine the indications for cosmetic surgery;
- identify skin pathologies that require injectable aesthetic correction methods.

1.3. Competences and learning outcomes, the formation of which is facilitated by the discipline (relationship with the normative content of training of higher education, formulated in terms of learning outcomes in the OPP and Standard).

1.3.1. The study of the discipline provides students with the acquisition of competencies:

integral:

- Ability to solve typical and complex specialized problems and practical problems in professional activities in the field of health care, or in the learning process, which involves research and / or innovation and is characterized by complexity and uncertainty of conditions and requirements.

common:

1. Ability to apply knowledge in practical situations
2. Knowledge and understanding of the subject area and understanding of the profession
3. Ability to self-regulate and lead a healthy lifestyle, the ability to adapt and act in a new situation
4. Ability to choose a communication strategy; ability to work in a team; interpersonal skills
5. Ability to communicate in the native language both orally and in writing; ability to communicate in a second language
6. Skills in the use of information and communication technologies
7. Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained
8. Ability to apply knowledge in practical situations
9. Ability to assess and ensure the quality of work performed;
10. Definiteness and perseverance in terms of tasks and responsibilities
11. Ability to act socially responsible and socially conscious
12. The desire to preserve the environment

special (professional, subject):

the study of this discipline forms in students of social skills (soft skills): communication (implemented through: the method of working in pairs and groups,

brainstorming, the method of self-presentation), teamwork (implemented through: the method of projects, openwork saw), conflict management (implemented through: dramatization method, game methods), time management (implemented through: project method, group work, training), leadership skills (implemented through: group work, project method, self-presentation method).

1.3.2. The study of the discipline provides students with the acquisition of the following **program learning outcomes**:

PLO 1 Know and apply procedures and measures to ensure the quality of education and criteria for evaluating educational activities.

PLO 2. Implement a set of management functions (planning, forecasting, organization, motivation, implementation, control and correction) of educational activities.

PLO 3. Develop and apply tools for diagnosing the educational outcomes of students.

PLO 4. Understand the place of the discipline in the system of training and its relationship with other fields of knowledge and disciplines.

1.3.3. The study of the discipline provides students with the following **social skills (Soft skills)**:

2. INFORMATION SCOPE OF THE COURSE

Name indicators	Field of knowledge, specialty, educational degree, OPP	Characteristics of the discipline	
		full-time education	correspondence form of education
Number of credits —	branch of knowledge) _____ (code and name)	selective	
Total number of hours —	Specialization: _____ (code and name)	Year of preparation: (course):	
		2 th	
		Semester	
		3 th	
Hours for day (or evening) form of study: classrooms - 16 independent student work - 8-	Specialization: _____	Lectures	
		10 h.	
		Practical, seminar	
		14 h.	
		Laboratory	
		h.	h.
		Individual tasks:	
	60 h.		
	Індивідуальні завдання: h.		

		Type of control: credit
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2.1 Description of the discipline

2.2.1 Lectures

N ^o s/n	Title of the topics	Number of hours	Types of lectures
1	Structure, functions of the skin. Skin types. Introduction to medical cosmetology. Aging skin. Pathological skin types in the practice of a cosmetologist.	2	Online
2	Disorders of skin pigmentation. Seborrhea. Acne is vulgar. Acne is pink. Hair diseases.	2	Online
3	Cosmetics. Hydro-, thalassotherapy, peloidotherapy. Decorative cosmetics.	2	Online
4	Injection methods in cosmetology. Ozone therapy in cosmetology. Peels. Cell therapy. Cryotherapy in medical cosmetology.	2	Online
5	Physiotherapy and hardware cosmetology. Aesthetic surgery. Liposuction.	2	Online
	Total	10	

2.2.2 Seminars

N ^o s/n	Name topics	Number of hours	Methods teaching	Forms control
1	Structure, functions of the skin. Skin types. Introduction to medical cosmetology.	2	story-explanation, conversation, illustration, demonstration, presentation, videos, videos, discussion, round table, business, role-playing, simulation game, modeling of processes and situations, delegation of authority, case method, project	Current control
2	Aging skin.	2		Current control
3	Pathological skin types in the practice of a cosmetologist.	2		Current control
4	Disorders of skin pigmentation.	2		Current control

5	Seborrhea. Acne is vulgar. Acne is pink. Hair diseases.	2	method, debate, brainstorming method , webinar, sparring partnership (training in pairs), coaching (training), virtual consultation, standardized patient, interdisciplinary training and others	Current control
6	Cosmetics. Hydro-, thalassotherapy, peloidotherapy. Decorative cosmetics.	2		Current control
7	Injection methods in cosmetology.	2		Current control
8	Ozone therapy in cosmetology. Peels. Cell therapy. Cryotherapy in medical cosmetology.	2		Current control
9	Physiotherapy and hardware cosmetology.	2		Current control
10	Aesthetic surgery. Liposuction.	2		Current control
	Total	20		

2.2.3 Practical training

№ s /n	Name topics	Number of hours	Methods teaching	Forms control
1				
2				
	Total			

2.2.4. Laboratory classes

№ s /n	Name topics	Number of hours	Methods teaching	Forms control
1				
2				

	Total			
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2.2.5. Individual work

No s /n	Name topics	Number of hours	Methods teaching	Forms control
1	Structure, functions of the skin. Skin types. Introduction to medical cosmetology.	7	Individual work	Current control
2	Aging skin.	5	Individual work	Current control
	Pathological skin types in the practice of a cosmetologist.	4	Individual work	Current control
	Disorders of skin pigmentation.	5	Individual work	Current control
	Seborrhea. Acne is vulgar. Acne is pink. Hair diseases.	9	Individual work	Current control
	Cosmetics. Hydro-, thalassotherapy, peloidotherapy. Decorative cosmetics.	7	Individual work	Current control
	Injection methods in cosmetology.	5	Individual work	Current control
	Ozone therapy in cosmetology. Peels. Cell therapy. Cryotherapy in medical cosmetology.	6	Individual work	Current control
	Physiotherapy and hardware cosmetology.	5	Individual work	Current control

Aesthetic surgery. Liposuction.	7	Individual work	Current control
Total	60		

WARNING! When filling in the tables of teaching methods and forms of control, teachers have the opportunity to use the following material and add their own work.

Teaching methods (only those used in teaching the discipline are given): story-explanation, conversation, lecture, illustration, demonstration, presentation, videos, videos, discussion, round table, business, role-playing, simulation game, simulation of processes and situations, delegation of authority, case method, project method, debate, method «Brain assault », webinar, sparring partnership (training in pairs), coaching (training), virtual consultation, virtual tutorial, briefing, interview," delphi "method," fishbone "method, virtual operating room, standardized patient, use of high mannequins level, interdisciplinary training and others.

Control methods (only those used in teaching the discipline are given):

Current control: oral examination (individual and frontal); written survey; test control; creative tasks; individual tasks; abstracts; annotations; portfolio method; mutual control; self-control; report; declamation; poster report and others.

Final control: exam, differentiated credit, credit.

3. EVALUATION CRITERIA

3.1. 3.1. Evaluation of the success of education of students is carried out on the basis of the current "Instructions for evaluating the educational activities of students of KhNMU"

When assessing the mastery of each subject of the discipline (PND) and the final lesson (PZ), the student is graded according to the traditional 4-point system: "excellent", "good", "satisfactory" or "unsatisfactory".

The final score for current learning activities (PND) and final classes (PZ) is defined as the arithmetic mean of traditional grades for each class and PZ, rounded to 2 decimal places and listed in a multi-point scale according to the table.

The conversion of the average grade for current educational activities (PND) into a multi-point scale for disciplines that end with a test is carried out in accordance with the table. To enroll, a student must receive from 120 to 200 points.

Table

4-point scale	200-point scale	4-point scale	200-point scale	4-point scale	200-point scale
5	200	4.22-4,23	169	3.45-3,46	138

4.97-4,99	199	4.19-4,21	168	3.42-3,44	137
4.95-4,96	198	4.17-4,18	167	3.4-3,41	136
4.92-4,94	197	4.14-4,16	166	3.37-3,39	135
4.9-4,91	196	4.12-4,13	165	3.35-3,36	134
4.87-4,89	195	4.09-4,11	164	3.32-3,34	133
4.85-4,86	194	4.07-4,08	163	3.3-3,31	132
4.82-4,84	193	4.04-4,06	162	3.27-3,29	131
4.8-4,81	192	4.02-4,03	161	3.25-3,26	130
4.77-4,79	191	3.99-4,01	160	3.22-3,24	129
4.75-4,76	190	3.97-3,98	159	3.2-3,21	128
4.72-4,74	189	3.94-3,96	158	3.17-3,19	127
4.7-4,71	188	3.92-3,93	157	3.15-3,16	126
4.67-4,69	187	3.89-3,91	156	3.12-3,14	125
4.65-4,66	186	3.87-3,88	155	3.1-3,11	124
4.62-4,64	185	3.84-3,86	154	3.07-3,09	123
4.6-4,61	184	3.82-3,83	153	3.05-3,06	122
4.57-4,59	183	3.79-3,81	152	3.02-3,04	121
4.54-4,56	182	3.77-3,78	151	3-3,01	120
4.52-4,53	181	3.74-3,76	150	Less than 3	Not enough
4.5-4,51	180	3.72-3,73	149		
4.47-4,49	179	3.7-3,71	148		
4.45-4,46	178	3.67-3,69	147		
4.42-4,44	177	3.65-3,66	146		
4.4-4,41	176	3.62-3,64	145		
4.37-4,39	175	3.6-3,61	144		
4.35-4,36	174	3.57-3,59	143		
4.32-4,34	173	3.55-3,56	142		
4.3-4,31	172	3.52-3,54	141		
4.27-4,29	171	3.5-3,51	140		
4.24-4,26	170	3.47-3,49	139		

3.2. Questions for credit and exam:

3.3. Control questions

1. Subject and tasks of medical cosmetology.
2. What does the term "cosmetics" mean?
3. Name the stages of development of cosmetics and cosmetology.
4. Name the modern directions of development of medical cosmetology.
5. Anatomy, histology, skin functions.
6. Characteristics of skin types.
7. Individual cosmetic care: types, modes, means.
8. Individual cosmetic care for dry skin.
9. Individual cosmetic care for oily skin.
10. Individual cosmetic skin care of normal type.
11. Basic manual and instrumental cosmetic procedures and methods. Their rational use.
12. Cosmetic masks: forms, mechanism of action, indications, technique of use.
13. Decorative cosmetics: characteristics, principles of use.

14. Correction of pigmentation disorders in a cosmetic institution.
 15. Alopecia: etiopathogenesis, clinical varieties, cosmetic treatments.
 16. Pathologies associated with excessive hair growth.
 17. Seborrhea: etiopathogenesis, clinic, correction in a cosmetic institution.
 18. Acne (acne): general characteristics, correction in a cosmetic institution.
 19. Skin aging: etiopathogenesis, classification and clinic of skin aging.
 20. Erythrocuperosis in the practice of cosmetology.
 21. Cosmetic massage: general characteristics, types, indications, contraindications, methods of execution.
 22. Mesotherapy: characteristics of the method, principles of implementation.
 23. Characteristics of drugs for mesotherapy, indications, contraindications.
 24. Complications during mesotherapy, their prevention and treatment.
 25. Aesthetic injections of botulinum toxin: general characteristics of the method, indications, contraindications, technique.
 26. Ozone therapy in cosmetic practice. Characteristics of the method, indications, contraindications, technique.
 27. Cryotherapy in cosmetic practice: characteristics of the method, manual and hardware methods of cryotherapy, indications, contraindications.
 28. Peels: characteristics of the method, varieties, indications, contraindications, technique.
 29. Cell therapy: characteristics of the method, indications, contraindications.
 30. Thalasso-, hydro-, peloidotherapy. Characteristics, technique of procedures. Types of clays and their use.
 31. Dermal fillers: characteristics of the method, indications, contraindications, technique, complications.
 32. General characteristics of cosmetic surgery.
 33. Indications and contraindications for cosmetic surgery.
 34. Operations for age-related skin changes. Facelift.
 35. Characteristics of concepts: blepharoplasty, rhinoplasty, otoplasty, abdomenoplasty.
 36. Liposuction: characteristics of the method, types, indications, contraindications, complications.
 37. Complications from cosmetic surgery and their prevention.
 38. Possibilities of cosmetic surgery in the elimination of congenital defects.
 39. Cosmetic physiotherapy: general characteristics, types.
 40. Basic hardware cosmetic methods: characteristics, indications, contraindications, methods of execution.
 41. Cosmetics: general characteristics, classifications, forms, features of appointment depending on structure.
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3.4. Individual tasks (the list approved at the meeting of the department with the determination of the number of points for their performance, which can be added as incentives):

1. Examination of the skin and identification of cosmetic problems.

1. Determine the type of skin by the nature of self-excretion.
2. Assess the microcirculation of the skin.
3. Carry out a test in the décolleté to determine the sensitivity of the skin to mechanical irritation.
4. Assess the turgor and elasticity of the skin.
5. To give the general characteristic of skin on indicators of sebum secretion, elasticity, turgor, a condition of skin microcirculation, sensitivity to mechanical irritation.
6. Determine the color, pattern and relief of the skin.
7. Conduct a rotational compression test.
8. Carry out a test for the formation of skin folds.
9. Argue the rational choice of cosmetics depending on skin type, age of the patient and aesthetic problem.
10. Demonstrate mastery of facial makeup removal technique.
11. Demonstrate mastery of the method of using cosmetic masks.
12. Demonstrate mastery of the method of medical camouflage makeup.
13. Argue the rational choice of cosmetic mask depending on skin type, age of the patient and aesthetic problem.
14. Argue the rational choice of cryotherapy depending on skin type, age of the patient and aesthetic problem.
15. Argue the rational choice of natural methods of treatment (thalassotherapy, peloid, hydrotherapy) depending on skin type, age of the patient and aesthetic problem.

3.6. Rules for appealing the assessment

4. DISCIPLINE POLICY

(system of requirements and rules of conduct for higher education students when studying the discipline, in particular the teacher's reaction to late tasks, missed classes, behavior in the classroom, requirements for medical clothing, etc., separately indicate the availability and conditions of training for people with special educational needs).

5. ACADEMIC INTEGRITY

Regulations on Academic Integrity and Ethics of Academic Relations at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf
http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=uk

6. RECOMMENDED BOOKS

(up to 10 sources for the last 5 years, 2-3 of which are international)

Basic

1. Cosmetology. Textbook for 2-year dentistry students (English medium)
Kharkiv : KhNMU, 2021. – 117 p. A.M. Bilovol, S.H. Tkachenko, A.A. Berehova, O.A. Havryliuk, V.Y. Mangusheva
2. Cosmetic Dermatology/ Cheryl M. Burgess (Ed.).- Library of Congress Control Number: 2004115994 ISBN 3-540-23064-5 Springer Berlin Heidelberg New York
3. Cosmetology/Anthony Gonzaler.- First Edition, 2007.- ISBN 978 81 89940 45
- 4.- Global Media 1819, Bhagirath Palace, Chandni Chowk, Delhi-110 006 Email: globalmedia@dkpd.com
4. Milady's illustrated cosmetology dictionary / edited by Shelley Heavilin.--3rd ed. p. cm. Previously published: Albany, N.Y.: Milady Pub. Co. ®1996 under title: SalonOvations' cosmetology dictionary. ISBN 1-56253-667-2

Adjuvant

1.

7. INFORMATION RESOURCES

Link to the discipline page in MOODLE_ presentations, video materials, methodical recommendations, workbooks, atlases, test tasks, placement in the repository of KhNMU and Moodle system (in the sections of the Department of Dermatology, Venereology and Medical Cosmetology).

8. OTHER

WARNING! In this section, it is possible to provide information that the teacher deems necessary to add to the syllabus.

To the methodological support of elective disciplines add: business card of the discipline for its presentation to students (presentation, short description, banner of the discipline, video annotation)

Useful links:

Provisions on prevention, prevention and settlement of cases related to sexual harassment and discrimination in KhNMU

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog-sex.doc

Regulations on Academic Integrity and Ethics of Academic Relations at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf

The order of conducting classes on in-depth study by students of Kharkiv National Medical University of certain disciplines beyond the scope of the curriculum

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/nak-poriad-pogl-vyv-dysc.docx

Regulations on the Commission on Academic Integrity, Ethics and Conflict Management KhNMU

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_komis_ad_text.pdf

Regulations on the recognition of the results of non-formal education at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_neform_osv.pdf

INCLUSIVE EDUCATION:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=7108%3A2021-03-10-14-08-02&catid=12%3A2011-05-10-07-16-32&Itemid=33&lang=uk

ACADEMIC INTEGRITY:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=uk

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/kodex_AD.docx