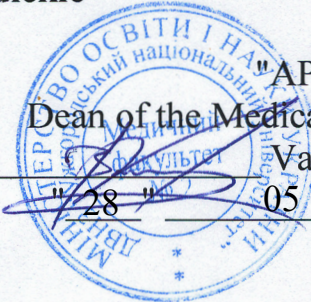


**STATE UNIVERSITY
"UZHGOROD NATIONAL UNIVERSITY"
MEDICAL FACULTY 2
Department of Internal Medicine**

"APPROVED"
Dean of the Medical Faculty 2
Vasyl KALIY
"28" 05 2025



SYLLABUS

CC 38. Dermatology, Venereology

Educational level **Second (Master)**
Subject area **22 "Health" / I "Health and Social Welfare"**
Specialty **222 "Medicine" / I2 "Medicine"**
Educational program **"General Medicine"**
Discipline status **Compulsory**
Educational level **Second (Master)**

Uzhhorod 2025

Syllabus of the Academic Discipline "Dermatology and Venereology" for Higher Education Applicants in the Field of Knowledge 22 "Health Care" (I "Health Care and Social Welfare"), Specialty 222 "Medicine" (I2 "Medicine"), Educational Program "General Medicine."

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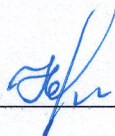
The syllabus was discussed and approved at the meeting of the Department
of Internal Medicine

Minutes № 11 of " 28 " May 2025

Head of the Department  /Marianna TOVT-KORSHYNSKA/

Approved by the Scientific-Methodical Commission of the Medical Faculty 2

Minutes № 9 of "28" May 2025

Head of the Scientific-Methodical Commission  /Nataliia MALETS/

1. DESCRIPTION OF THE EDUCATIONAL SUBJECT

Name of indicators	Distribution of academic hours according to the curriculum	
	Full-time Study	Extramural form of study
ECTS credits – 3	Year of training:	
Total number of hours – 90	4	-
Number of modules – 2	Semester:	
Weekly academic hours for full-time study: class-room academic hours – 2 student's self-study hours – 3	7 – 8	-
	Lectures:	
	6	-
	Practical classes (seminars):	
	-	-
Type of final control: credit	Laboratory classes:	
	34	-
Form of final control: oral interview, written theoretical questions, MSQs.	Self-study:	
	50	-

2. PURPOSE OF THE ACADEMIC DISCIPLINE

The purpose of studying the academic discipline “Dermatology and Venereology” is to form in students a correct understanding of the practical significance of dermatovenereology among other clinical disciplines; to cultivate an appropriate approach to the examination and treatment of the most common skin and venereal diseases, as well as to provide the necessary knowledge, skills, and ability to apply them in specific general clinical situations.

In accordance with the educational program, the study of the discipline contributes to the formation of the following competencies in higher education applicants:

General Competencies (GC):

- GC 1. Ability for abstract thinking, analysis, and synthesis.
- GC 2. Ability to learn and acquire modern knowledge.
- GC 3. Ability to apply knowledge in practical situations.
- GC 4. Knowledge and understanding of the subject area and understanding of professional activity.
- GC 5. Ability to adapt and act in a new situation.
- GC 6. Ability to make informed decisions.
- GC 7. Ability to work in a team.
- GC 8. Ability for interpersonal interaction.
- GC 11. Ability to search, process, and analyze information from various sources.

Professional Competencies (PC):

- PC 1. Ability to collect medical information about a patient and analyze clinical data.
- PC 2. Ability to determine the necessary scope of laboratory and instrumental investigations and evaluate their results.
- PC 3. Ability to establish preliminary and clinical diagnoses.
- PC 5. Ability to determine dietary characteristics in the treatment and prevention of diseases.
- PC 6. Ability to determine principles and methods of treatment and prevention of diseases.
- PC 10. Ability to perform medical manipulations.
- PC 11. Ability to solve medical problems in new or unfamiliar environments with incomplete or limited information, taking into account aspects of social and ethical responsibility.
- PC 15. Ability to conduct medical expertise of work capacity.
- PC 16. Ability to maintain medical records, including electronic forms.
- PC 21. Ability to clearly and unambiguously convey one’s knowledge, conclusions, and arguments on healthcare issues and related matters to professionals and non-professionals, including learners.
- PC 22. Ability to manage work processes in healthcare that are complex, unpredictable, and require new strategic approaches.
- PC 23. Ability to develop and implement scientific and applied projects in healthcare.
- PC 24. Adherence to ethical principles when working with patients and laboratory animals.
- PC 25. Adherence to professional and academic integrity, and responsibility for the accuracy of obtained scientific results.

3. PREREQUISITES FOR STUDYING THE ACADEMIC DISCIPLINE

The prerequisites for studying the academic discipline “Dermatology and Venereology” are the completion of the following courses of the educational program (EP):

- OC 6. Medical Biology
- OC 13. Microbiology, Virology, and Immunology

4. EXPECTED LEARNING OUTCOMES

According to the educational program “**Dermatology and Venereology**”, the study of the academic discipline should ensure that higher education students achieve the following program learning outcomes (PLO):

Program Learning Outcomes	PLO Code
Have in-depth knowledge of the structure of professional activity. Be able to carry out professional activity requiring renewal and integration of knowledge. Take responsibility for professional development, demonstrate the ability for further professional learning with a high degree of autonomy.	PLO 1
Understanding and knowledge of fundamental and clinical biomedical sciences, at a level sufficient to solve professional tasks in healthcare.	PLO 2
Specialized conceptual knowledge, including scientific achievements in healthcare, serving as the basis for research, critical reflection on problems in medicine and related interdisciplinary fields.	PLO 3
Identify and distinguish major clinical symptoms and syndromes (according to List 1 OPP); by standard methods, using previous medical history, patient examination, knowledge about the human body, its organs and systems, establish a preliminary clinical diagnosis of a disease (according to List 2 OPP).	PLO 4
Collect complaints, medical and life history, assess psychomotor and physical development of the patient, the condition of organs and systems; based on laboratory and instrumental studies evaluate diagnostic information (according to List 4 OPP), considering the patient’s age.	PLO 5
Establish a final clinical diagnosis by making a reasoned decision and analyzing subjective and objective data of clinical and additional examinations, conducting differential diagnosis, following appropriate ethical and legal norms, under the supervision of a senior physician in a healthcare facility (according to List 2 OPP).	PLO 6
Prescribe and analyze additional (mandatory and elective) examination methods (laboratory, functional, and/or instrumental) (according to List 4 OPP) for patients with diseases of organs and systems to perform differential diagnosis (according to List 2 OPP).	PLO 7
Determine the main clinical syndrome or what determines the severity of the patient’s condition (according to List 3 OPP) by making a reasoned decision and assessing the person’s condition under any circumstances (in healthcare facilities, outside them), including emergencies, combat conditions, field situations, with limited information and time.	PLO 8
Determine the nature and principles of treatment (conservative, surgical) for patients with diseases (according to List 2 OPP), considering the patient’s age, in healthcare facilities, outside them, and during medical evacuation, including field conditions, based on a preliminary clinical diagnosis, adhering to ethical and legal norms, by making a reasoned decision using existing algorithms and standard schemes. In case of the need to extend standard schemes, be able to justify personalized recommendations under the supervision of a senior physician.	PLO 9
Determine the necessary work, rest, and nutrition regimen based on the final clinical diagnosis, adhering to ethical and legal norms, by making a reasoned decision using existing algorithms and standard schemes.	PLO 10
Determine the functional state and life activity limitations of a person, as well as the duration of incapacity for work, with the appropriate documentation, in healthcare facilities based on the disease course, specifics of the patient’s professional activity, etc. Maintain medical documentation for patients and population groups according to regulatory documents.	PLO 18

List 1 (syndromes and symptoms)

1. Amenorrhea
2. Acromegaly
3. Anemic syndrome
4. Anuria and oliguria
7. Chest pain
8. Abdominal pain
9. Pain in the limbs and back
11. Sore throat
12. Vomiting
13. Bronchoobstructive syndrome
15. Pleural effusion
17. Fever
21. Exanthema, enanthema
22. Hepatomegaly and hepatolienal syndrome
23. Headache
24. Dysuria
30. shortness of breath
31. asphyxia
34. growth retardation in a child
35. cardiomegaly
43. lymphadenopathy
46. edematous syndrome
49. premature sexual development
60. itchy skin
61. urinary syndrome
64. indigestion syndrome
65. thirst
66. stridor
67. joint syndrome
69. weight loss
70. cyanosis

List 2 (diseases)

VIII) Diseases of the skin and subcutaneous tissue:

121. allergic dermatoses (dermatitis, toxidermia, eczema)
1128. psoriasis
129. bullous dermatoses

List 3 (emergency conditions)

25. acute anaphylactic reactions
35. snake, insect, animal bites

List 4 (laboratory and instrumental studies)

7. blood proteins and their fractions, C-reactive protein
11. blood hormones
14. blood electrolytes
32. general blood test
38. general immunological blood profile
40. rapid tests for viral diseases

42. serological reactions in autoimmune diseases

List 5 (medical manipulations)

1. perform indirect heart massage
2. perform artificial respiration
3. perform defibrillation using a manual automatic defibrillator-cardioverter
4. record a standard ECG in 12 leads
7. apply a
13. restore airway patency

Expected learning outcomes that should be achieved by students after mastering the discipline “*Dermatology, Venereology*”:

ELO Code	Course Learning Outcomes	PLO Code
ELO 1	Acquisition of in-depth knowledge of the structure of professional activity. Ability to carry out professional activity requiring renewal and integration of knowledge. Ability to take responsibility for professional development, demonstrate readiness for further professional learning with a high degree of autonomy.	PLO 1
ELO 2	Understanding and knowledge of fundamental and clinical biomedical sciences at a level sufficient to solve professional healthcare tasks.	PLO 2
ELO 3	Acquisition of specialized conceptual knowledge, including scientific achievements in healthcare, forming the basis for research, ability for critical reflection on problems in medicine and related interdisciplinary fields.	PLO 3
ELO 4	Ability to identify and distinguish major clinical symptoms and syndromes (List 1 OPP); by standard methods, using previous medical history, examination data, knowledge of the human body, its organs and systems, establish a preliminary clinical diagnosis (List 2 OPP).	PLO 4
ELO 5	Ability to collect complaints, medical and life history, assess psychomotor and physical development, evaluate the condition of organs and systems, and based on laboratory and instrumental studies, evaluate diagnostic information (List 4 OPP), considering patient’s age.	PLO 5
ELO 6	Ability to establish a final clinical diagnosis by making a reasoned decision and analyzing subjective and objective clinical data, conducting differential diagnosis, adhering to ethical and legal standards, under supervision in healthcare facilities (List 2 OPP).	PLO 6
ELO 7	Ability to prescribe and analyze additional (mandatory and elective) examination methods (laboratory, functional, and/or instrumental) (List 4 OPP) for patients with diseases of organs and systems to conduct differential diagnosis (List 2 OPP).	PLO 7
ELO 8	Ability to determine the main clinical syndrome or the cause of severity in a patient’s condition (List 3 OPP) by making a reasoned decision and assessing the condition under any circumstances, including emergencies, combat	PLO 8

	conditions, limited information, and time.	
ELO 9	Ability to determine the type and principles of treatment (conservative, surgical) for patients with diseases (List 2 OPP), considering age, in healthcare facilities, outside them, and at medical evacuation stages, including field conditions, based on a preliminary clinical diagnosis, adhering to ethical and legal standards, by making a reasoned decision using existing algorithms and standard schemes, and, when needed, justify personalized recommendations under supervision.	PLO 9
ELO 10	Ability to determine the necessary work, rest, and diet regimen based on the final clinical diagnosis, adhering to ethical and legal standards, by making a reasoned decision using existing algorithms and standard schemes.	PLO 10
ELO 18	Ability to determine the functional state and life activity limitations of a patient and duration of incapacity for work with proper documentation, in healthcare facilities, based on disease course and specifics of professional activity. Ability to maintain patient and population medical records according to regulations.	PLO 18

5. ASSESSMENT TOOLS AND CRITERIA FOR EVALUATING LEARNING OUTCOMES

Assessment tools and methods for demonstrating learning outcomes:

ELO 1, 2, 3: oral answers, theoretical questions, case-based tasks, test assignments, independent work tasks.

ELO 4, 5, 6, 7, 8, 9, 10, 18: practice of clinical skills.

Forms of assessment and evaluation criteria:

Current control: MSQs, written theoretical questions, oral discussion with the lecturer.

Module control: MSQs, written theoretical questions.

Final semester control: credit (pass/fail).

Distribution of points received by higher education seekers (module 1)

Ongoing assessment and independent work							Module control work	Total
T1	T2	T3	T4	T5	T6	T7	40	100
8,4	8,6	8,6	8,6	8,6	8,6	8,6		

Distribution of points received by higher education seekers (module 2)

Ongoing assessment and independent work							Module control work	Total	
T8	T9	T10	T11	T12	T13	T14	T15	40	100
7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5		

Evaluation of certain types of educational work in the discipline

	Module 1	Module 2
--	-----------------	-----------------

Type of activity of the higher education seeker	Quantity	Max quantity of points	Quantity	Max quantity of points
Practical classes	8,6	60	7,5	60
Module test	40	40	40	40
Total		100		100

Criteria for Assessing the Modular Control Work

The modular control work is conducted upon completion of all topics of the module during the final control class of the module. Students are admitted to the modular control work if they have completed all types of work provided by the curriculum and have earned at least the minimum number of points during the study of the module. The modular control work is considered passed if the student scores at least 20 points.

Criteria for Assessing the Final Semester Control

The overall grade for the discipline is determined as the sum of the grades for current academic activity (in points) and the grade for the final modular control (in points), which is awarded based on the evaluation of theoretical knowledge and practical skills according to the lists defined by the discipline program.

The maximum number of points awarded to students for mastering each module (credit) is 100, including 60 points (60%) for current academic activity and 40 points (40%) for the results of the final modular control.

Assessment of students' independent work, which is included in the topic along with classroom work, is carried out during the current control of the topic in the relevant class. Assessment of topics assigned only to independent work and not included in classroom topics is carried out during the final modular control.

The overall semester grade consists of the sum of points for the two modules. According to the general assessment criteria, the final modular control is considered passed if the student scores at least 120 points.

6. CURRICULUM OF THE ACADEMIC DISCIPLINE

6. SYLLABUS

6.1. The content of the discipline

Module 1

Topic 1. Subject and tasks of dermatovenereology.

Definition of dermatovenereology as a clinical discipline. Brief historical overview of the development of dermatovenereology. Objectives and structure of dermatological care in Ukraine. Basics of diagnostics, examination methods, and principles of treatment of skin diseases. Deontology in dermatovenereology.

Topic 2. Anatomy, histology, and physiology of human skin.

Morphological and functional features of skin structure. Functions of the skin. Structural division into layers, types and functions of cells. Skin appendages. Blood supply. Skin receptors. Modern view on the microbiome.

Topic 3. Pathomorphology of the skin. Elements of skin eruptions.

Main pathological processes in the skin and their role in the formation of eruption elements. Acute and

chronic inflammation. Hyperkeratosis, granulosis, acanthosis, parakeratosis, papillomatosis, spongiosis, vacuolar and ballooning degeneration, acantholysis, specific and nonspecific infiltration. Primary morphological elements of skin eruptions: macule, papule, tubercle, nodule, urtica, vesicle, bulla, pustule. Secondary morphological elements: erosion, ulcer, scale, crust, excoriation, scar, lichenification, vegetations.

Topic 4. Dermatozoonoses.

Scabies. Pathogen. Conditions of transmission. Epidemiology. Laboratory diagnostics. Treatment, prevention. Disinfection. Pediculosis. Types of lice. Epidemiology. Skin changes caused by lice. Complications. Treatment, prevention. Hair follicle mite (Demodex). Clinical features, treatment, prevention.

Topic 5. Pyodermas.

Bacterial skin infections: folliculitis, furuncle, carbuncle, hidradenitis, impetigo (vulgar, bullous, slit-like, annular), sycosis, ecthyma, erysipelas, cellulitis, chancriform pyoderma, chronic ulcerative pyoderma. Epidemiology and pathogenesis: leading role of staphylococcal and streptococcal infection, possibility of mixed infection, significance of exogenous and endogenous factors. Clinical features, diagnostic criteria, and treatment approaches.

Topic 6. Mycoses.

Fungal skin infections: keratomycoses, dermatophytoses, candidiases, and deep mycoses. Pityriasis versicolor. Clinical course, diagnosis, and treatment. Inguinal epidermophytosis. Clinical picture, treatment, prevention. Rubromycosis. Pathogen, clinical forms, clinical features, diagnosis. Tinea pedis. Clinical varieties, diagnosis, treatment. Candidiasis: classification, diagnosis, treatment. Trichophytosis. Microsporia. Favus. Pathogen, clinical features, and diagnosis. Principles of treatment.

Topic 7. Viral dermatoses. Acne.

Viral skin infections. Prevalence. Pathogens. Classification. Herpes simplex: etiology, clinical forms, treatment. Herpes zoster: etiology, clinical forms, diagnosis, treatment. Molluscum contagiosum: etiology, clinical picture, differential diagnosis, treatment, and prevention. Human papillomavirus. Warts: vulgar, flat, juvenile, plantar. Condylomata acuminata. Differential approach to treatment selection.

Acne: etiology, pathogenesis, clinical features, diagnosis, treatment.

Module test №1

Comprehensive test control of knowledge acquired in previous classes.

Module 2

Topic 8. Allergodermatoses.

Dermatitis. Classification. Simple contact dermatitis. Causative factors. General characteristics, course, and diagnosis. Allergic contact dermatitis. Pathogenesis. Clinical manifestations, diagnosis, role of skin tests. Treatment and prevention of various forms of dermatitis. Toxicoderma. Etiology, pathogenesis. General characteristics. Severe forms: erythema multiforme exudativum, Stevens–Johnson syndrome, Lyell’s syndrome. Diagnosis and treatment. Eczema. Etiology and pathogenesis. Clinical manifestations, course, stages of the eczematous process. Diagnosis, complications, and principles of treatment.

Topic 9. Atopic dermatitis.

General characteristics of atopic manifestations. Atopic dermatitis: etiopathogenesis, classification,

clinical features, differential diagnosis, modern treatment methods, and prevention of exacerbations. Biological therapy as an effective treatment for severe forms of atopic dermatitis.

Topic 10. Psoriasis. Lichen planus.

Psoriasis. Etiology and pathogenesis. Clinical features. Diagnostic value of the psoriatic triad. Stages of the disease. Concept of arthropathic psoriasis and psoriatic erythroderma. Clinical picture of vulgar and pustular psoriasis. Treatment. Phototherapy. Monoclonal antibodies. Lichen planus. Pathogenesis. Clinical forms. Differential diagnosis of eruptions. Treatment features.

Topic 11. Skin manifestations of systemic connective tissue diseases.

Peculiarities of dermatological manifestations of systemic autoimmune diseases. Lupus erythematosus, scleroderma, dermatomyositis. Etiology, pathogenesis, clinical picture, diagnosis, treatment.

Topic 12. Bullous dermatoses (pemphigus, Duhring’s dermatitis herpetiformis).

Bullous dermatoses (acantholytic pemphigus, pemphigoids, Duhring’s dermatitis herpetiformis, hereditary bullous dermatoses). Probable conditions and triggering factors. Classification. Modern concepts of etiopathogenesis. Pathomorphological changes in the skin. Clinical forms. Clinical and laboratory diagnostic criteria. Methods and principles of treatment.

Topic 13. General characteristics of sexually transmitted diseases. Primary syphilis.

General characteristics of STDs. Social and other aspects of venereal diseases. Prevalence in Ukraine. Contributing factors. Deontological aspects. Syphilis. Etiology, pathogenesis, and clinical course of the primary stage. Immunity. Reinfection. Superinfection.

Topic 14. Secondary, tertiary, and congenital syphilis.

General characteristics and features of the secondary stage of syphilis. Manifestations on the skin and mucous membranes. Syphilitic alopecia and leukoderma. Serological reactions. Clinical features of the tertiary stage. Clinical picture and course of early and late congenital syphilis. Methods of treatment, criteria of recovery. Concept of seroresistant syphilis.

Topic 15. Gonorrhea. Nongonococcal urethritis.

Gonorrhea. Pathogen. Biological characteristics. Conditions and routes of infection. Incubation period. Classification. Clinical features of acute and chronic gonorrheal urethritis. Laboratory diagnosis and treatment methods. Concept of nongonococcal urethritis (urogenital chlamydiosis, mycoplasmosis, trichomoniasis). Principles of diagnosis and treatment.

Module test №2

Comprehensive test control of knowledge acquired in previous classes.

6.2. The structure of the discipline

Titles of Content Modules and Topics	Number of Hours				
	Form of Study				
	Tot al	including			
lect ure s		pra ctic al (se min ar)	lab orat ory	indi vid ual wor k	self - stud y
7th/8th semester					
Module 1					

Topic 1. Subject and tasks of dermatovenereology.	5		2			3
Topic 2. Anatomy, histology and physiology of human skin.	7	2	2			3
Topic 3. Pathomorphology of the skin. Primary and secondary lesions.	5		2			3
Topic 4. Dermatozoonoses (parasitic skin diseases).	7	2	2			3
Topic 5. Pyodermas (purulent skin lesions).	5		2			3
Topic 6. Mycoses (fungal diseases of the skin and mucous membranes).	5		2			3
Topic 7. Viral dermatoses. Acne.	5		2			3
Module control work	2		2			
Total for Module 1	41	4	16			21
Module 2						
Topic 8. Dermatitis. Toxicoderma. Eczema. Erythema multiforme. Stevens-Johnson syndrome. Lyell's syndrome.	6		2			4
Topic 9. Atopic dermatitis.	8	2	2			4
Topic 10. Psoriasis. Lichen planus.	6		2			4
Topic 11. Lupus erythematosus. Scleroderma.	5		2			3
Topic 12. Bullous dermatoses (pemphigus, Dühring's dermatitis herpetiformis).	6		2			4
Topic 13. General characteristics of sexually transmitted infections. Primary syphilis.	6		2			4
Topic 14. Secondary, tertiary, and congenital syphilis.	5		2			3
Topic 15. Gonorrhoea. Nongonococcal urethritis.	5		2			3
Module control work	2		2			
Total for Module 2	49	2	18			29
Total per semester	90	6	34			50
Including simulation-based training			30% (10 hours)			

6.3. Topics of Practical (Seminar, Laboratory) classes

№	Topic	Hours	
		Full-time	Part-time
1	Topic 1. Subject and tasks of dermatovenereology.	2	-
2	Topic 2. Anatomy, histology and physiology of human skin.	2	-
3	Topic 3. Pathomorphology of the skin. Primary and secondary lesions.	2	-
4	Topic 4. Dermatozoonoses (parasitic skin diseases).	2	-
5	Topic 5. Pyodermas (purulent skin lesions).	2	-
6	Topic 6. Mycoses (fungal diseases of the skin and mucous membranes).	2	-
7	Topic 7. Viral dermatoses. Acne.	2	-
8	Module control №1	2	-
9	Topic 8. Dermatitis. Toxicoderma. Eczema. Erythema multiforme. Stevens-Johnson syndrome. Lyell's syndrome (simulation training)	2 +2	-
10	Topic 9. Atopic dermatitis.	2	-
11	Topic 10. Psoriasis. Lichen planus (simulation training).	2 +2	-

12	Topic 11. Lupus erythematosus. Scleroderma (simulation training).	2 +2	-
13	Topic 12. Bullous dermatoses (pemphigus, Duhring's dermatitis herpetiformis).	2	-
14	Topic 13. General characteristics of sexually transmitted infections. Primary syphilis (simulation training)	2	-
15	Topic 14. Secondary, tertiary, and congenital syphilis (simulation training).	2 +2	-
16	Topic 15. Gonorrhoea. Nongonococcal urethritis (simulation training).	2 +2	-
17	Module control №2	2	-
Total (including simulation training)		34 10 hours	-

6.4. Self-study

№	Topic	Hours	
		Full-time	Part-time
1	Topic 1. Subject and tasks of dermatovenereology	3	-
2	Topic 2. Anatomy, histology and physiology of human skin	3	-
3	Topic 3. Pathomorphology of the skin. Primary and secondary lesions	3	-
4	Topic 4. Dermatozoonoses (parasitic skin diseases)	3	-
5	Topic 5. Pyodermas (purulent skin lesions)	3	-
6	Topic 6. Mycoses (fungal diseases of the skin and mucous membranes)	3	-
7	Topic 7. Viral dermatoses. Acne	3	-
8	Topic 8. Dermatitis. Toxicoderma. Eczema. Erythema multiforme. Stevens-Johnson syndrome. Lyell's syndrome	4	-
9	Topic 9. Atopic dermatitis	4	-
10	Topic 10. Psoriasis. Lichen planus	4	-
11	Topic 11. Lupus erythematosus. Scleroderma	3	-
12	Topic 12. Bullous dermatoses (pemphigus, Duhring's dermatitis herpetiformis)	4	-
13	Topic 13. General characteristics of sexually transmitted infections. Primary syphilis	4	-
14	Topic 14. Secondary, tertiary, and congenital syphilis	3	-
15	Topic 15. Gonorrhoea. Nongonococcal urethritis	3	-
Total		50	-

7. TOOLS, EQUIPMENT AND SOFTWARE REQUIRED FOR THE COURSE

Equipment: HP personal computer, KaWe dermatoscope.

Software: Microsoft Windows OS, MS Office package.

8. RECOMMENDED SOURCES OF INFORMATION

Basic sources

1. Volverton SE, Jorizzo JL. *Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology*. 9th ed. New York: McGraw Hill; 2023.
2. Lallas A, Argenziano G, Moscarella E, Longo C, Apalla Z, editors. *Atlas of Dermoscopy*. 3rd ed. Boca Raton: CRC Press; 2021.
3. Alikhan A, Hocker TL, editors. *Review of Dermatology*. 2nd ed. Philadelphia: Elsevier; 2022.

Additional sources

1. Kubba R, editor. *Atlas of Dermatology, Dermatopathology and Venereology*. Cham: Springer; 2022.
2. Buckley DA, Pasquali P, editors. *Textbook of Primary Care Dermatology*. Cham: Springer; 2021.

Information Internet resources

Methodological materials are available on the website:
<https://e-learn.uzhnu.edu.ua>

Results of the Review of the Syllabus of the Academic Discipline

The syllabus was reapproved for the academic year 20__ / 20__ without changes; with changes (Appendix).

Minutes No. __ dated «__» _____ 20 __ year. Head of Department _____ _____
(signature) (Surname, initials)

The syllabus was reapproved for the academic year 20__ / 20__ without changes; with changes (Appendix).

Minutes No. __ dated «__» _____ 20 __ year. Head of Department _____ _____
(signature) (Surname, initials)

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Minutes No. __ dated «__» _____ 20 __ year. Head of Department _____ _____
(signature) (Surname, initials)