

DISCIPLINE SHEET**ACADEMIC YEAR****2022- 2023****1. DATA ABOUT THE STUDY PROGRAM**

1.1 Institution of higher education	UNIVERSITY OF MEDICINE AND PHARMACY CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	3
1.4 Study Domain	HEALTH
1.5 Study cycle	LICENCE
1.6 Study program/ Qualification	MEDICINE

2. DATA ABOUT THE DISCIPLINE

2.1. Discipline name	DERMATOLOGY			
2.2. Discipline code	MED 6107			
2.3 The holder of course activities	Simona Laura Ianoși/ Loredana Elena Stoica/Alina Maria Vîlcea			
2.4 The holder of seminar activities	Simona Laura Ianoși/Loredana Elena Stoica/Alina Maria Vîlcea/Tutunaru Cristina Violeta/Ică Oana Maria			
2.5. Academic degree	Course: Prof./ Assoc.Prof./ Teaching Assistant Seminar activities: Prof./ Assoc.Prof./ Teaching Assistant			
2.6. Employment (base norm/associate)	base norm			
2.7. Year of study	VI	2.8. Semester	I	2.9. Course type (content) 2.10. Regime of discipline (compulsoriness)
				CSD

3. THE ESTIMATED TOTAL TIME (teaching hours per semester)

3.1 Number of hours per week	4	3.2 From which: course	2	3.3 seminary/laboratory	2
3.4 Total hours in curriculum	56	3.5 From which: course	28	3.6 seminary/laboratory	28
Time found distribution (hours):					
Study from manual, course support, bibliography, and notes					20
Additional documentation in the library, specialized electronic platforms and, on the field					20
Training seminars / labs, homework, reports, portfolios, and essays					10
Tutoring					3
Examinations					10
Other activities, counselling, student scientific programs					6
3.7 Total hours of individual study	69				
3.9 Total hours per semester	125				
3.10 Number of credits	5				

4. PREREQUISITES (where appropriate)

4.1 curriculum	The students have to have general background knowledges of anatomy, histology, physiopathology, internal medicine
4.2 competency	-

5. CONDITIONS (where appropriate)

5.1. of course deployment	Lecture Hall with projector / online
5.2. of seminary/ lab deployment	Dermatology Lab / online

6. SPECIFIC COMPETENCES ACCRUED

PROFESSIONAL COMPETENCES	<p>C1 - To identify the state of the disease and to establish the correct diagnosis of the condition (disease).</p> <p>C4 - To approach health issues / illness from the perspective of community, directly related to the social, economic and / or that their own cultural community.</p> <p>C5 - to initiate and conduct a scientific research and / or formative in its field of competence</p>
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TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and Responsibility</p> <ul style="list-style-type: none"> • acquiring moral guidelines, training of professional and civic attitudes that allow students to be fair, honest, non-confrontational, cooperative and understanding in the face of suffering, available to help people interested in the community developer. • to know, respect and contribute to the development of moral values and professional ethics; • to learn to recognize a problem when it occurs and to provide responsible solutions to solve it. <p>CT2. Social Networking;</p> <ul style="list-style-type: none"> • To recognize and to respect for diversity and multiculturalism; • to have or to learn to develop teamwork skills; • to communicate orally and in writing requirements, working methods, results, consulting with the team; • get involved in volunteering, to know the essential problems of the community. <p>CT3. Personal and professional development</p> <ul style="list-style-type: none"> • to be open to learn throughout life. • to be aware of the need for individual study as the basis of personal autonomy and professional development; • to know how to use information and communication technology.
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7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	<ul style="list-style-type: none"> • developing student skills to critically observe the cutaneous manifestations of dermatological disorders • comparing dermatological language with that appropriated from other disciplines to identify specific terms, in order to report clear and accurate data obtained from patients with cutaneous pathology; • developing skill of the future doctors to listen, examine and make order in the words of the patient; • distinguish the essential elements from the data obtained by history and dermatological examination; • formulating the correct diagnostic by students for common skin pathology included in the curriculum and developing the ability to decide which of these patients should go to a dermatologist and which can be treated by the family doctor; • developing the capacity of deduction at each student, by observation, history and questionnaire, the effect of skin diseases on quality of life in patients and planning interventions to reduce suffering, giving back of realistic optimism and confidence in the medical act, avoiding the stress caused by illness.
7.2 The specific objectives of the discipline	<p>Through the curricula adapted to European standards of quality, by teaching and evaluation methods used, by involving students in research activities and evaluation patients, dermatology discipline aims to train cognitive abilities, skills and attitudes that form the basis of any preventive, diagnostic, curative or recovery medical act;</p> <p>Upon completion of the discipline the student will be able to acquire cognitive abilities, which will allow:</p> <ul style="list-style-type: none"> • to recognize the skin structure and its annexes on the images obtained by electron microscopy; • to report skin functions and distinguish elements that individualize them • to correctly perform dermatologic history and the clinical examination • to identify elementary skin lesions; • to argue the role of the skin immune system in the pathology of dermatological disease; • to critically analyse the participation of external factors in skin carcinogenesis; • to identify the clinical and paraclinical elements for developing common skin disease diagnosis, contained in the curriculum; • to argue the individualized treatment for the patient with dermatological disorders • shall identify the prevention measures of sexually transmitted diseases and to propose concrete interventions in nidus. <p>PRACTICAL SKILLS:</p> <ul style="list-style-type: none"> • to write a powder, a mixture, a lotion, a cream, a paste, an ointment; • to distinguish the contagious dermatoses of the non-contagious dermatoses • to propose for the treatment a topical steroid and to argue its choice based on factors related to the patient and to the disease itself (location, extension, evolutionary stage) • To recognize severe forms of urticaria, eczema, erythema multiforme, bullous autoimmune dermatoses, psoriasis;

	<ul style="list-style-type: none"> • Based on the anamnesis, clinical and paraclinical examination, they shall deduct the potential for worsening in the common forms of the disease; • to execute emergency interventions in cases with Quincke edema and anaphylactic shock; • to communicate and argue to the patient the measures to prevent precancerous and cancerous skin condition; • To recognize the first symptoms of the sexually transmitted infections and to formulate measures to prevent its complications; • to argue every recommendation. <p>ATTITUDES</p> <ul style="list-style-type: none"> • to be open to acquiring moral guidelines, training of professional and civic attitudes that enable students to be fair, honest, non-confrontational, cooperative and understanding in the face of suffering, available to help people interested in the developing of the community; • to know, respect and contribute to the development of moral values and professional ethics; • learn to recognize a problem when it occurs and provide responsible solutions to solve it; • to recognize and have respect for diversity and multiculturalism; • to have or learn to develop their teamwork skills; • communicate orally and in writing requirements, working methods, results, to consult with the team; • get involved in volunteering, to know the essential problems of the community. to know how to use information and communication technology; • to take initiative, to engage in educational and scientific activities.
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8. CONTENTS

8.1 Course (content units)	Nr. hours
C.1. Elements of Embryology of the skin. Anatomy and histology of the skin. Skin Physiology	2
C.2 Diagnosis of Skin Disease. General concepts of dermatologic therapies. Skin disorders caused by viruses	2
C.3. Pyodermitis. Mycobacteriosis: Cutaneous Tuberculosis.	2
C.4. Mucocutaneous mycosis. Dermatitis caused by animal parasites: Scabies, Pediculosis.	2
C5. Immune-mediated diseases: urticaria, eczema, prurigo. Occupational dermatoses.	2
C.6. Syphilis: etiology, clinical manifestations, diagnosis, treatment.	2
C.7. Gonococcal infection. Non-gonococcal urethritis. Chancroid. Lymphogranuloma venereum. AIDS: epidemiology, modes of transmission, epidemiological risk groups, cutaneous manifestations.	2
C.8. Autoimmune connective tissue diseases (lupus erythematosus, scleroderma, dermatomyositis).	2
C.9. Bullous auto-immune diseases: pemphigus, bullous pemphigoid. Dermatitis herpetiformis Dühring-Brocq.	2
C. 10. Psoriasis. Lichen. Porphyria cutanea tarda. Erythema multiforme.	2
C. 11. Skin manifestations of chronic venous insufficiency. Genodermatosis: Ichthyosis, Darier disease.	2
C.12. Benign skin tumors. Precancerous skin lesions.	2
C.13. Skin cancers (basal cell carcinoma, squamous cell carcinoma).	2
C.14. Melanoma	2
BIBLIOGRAPHY	
1. SIMONA IANOȘI (sub.red.). Dermatovenerologie, Editura Medicală Universitară, 2020, ISBN 978-973-106-313-3	
2. Cursul predat	
3. VICTOR STOICA, VIOREL SCRIPCARIU (coordonatori), COMPENDIU DE SPECIALITĂȚI MEDICO-CHIRURGICALE, util pentru intrare în rezidențiat, Editura Medicală, București 2016, ISBN 978-973-39-0802-9	
4. FITZPATRICK'S DERMATOLOGY, Ninth Edition, 2-Volume Set (Fitzpatrick's Dermatology in General Medicine) 9th Edition	
5. LOREDANA ELENA STOICA Basics in dermatology, Editura Sitech, 2019, ISBN 978-606-11-7119-4	
8.2 Practical work (topics / themes)	Nr. hours
LP.1. Anamnesis and physical examination in patients with skin diseases.	2
LP 2. Recognition of elementary primitive lesions. Recognition of elementary secondary lesions.	2
LP3. Paraclinical investigations for diagnosis: skin biopsy, mycological, bacteriological, parasitological examination	2
LP 4. Topical treatment - types of dermatological preparations. Physical treatment: electrocoagulation, cryosurgery, phototherapy	2
LP 5. Diagnosis and treatment of viral skin disease: warts, herpes zoster, herpes simplex; clinical case presentation	2

LP 6. Diagnosis and treatment of patients with pyodermitis; presentation of clinical cases	2
LP 7. Diagnosis and treatment of patients with scabies, pediculosis, mycosis; presentation of clinical cases	2
LP 8. Diagnosis and treatment of patients with urticaria, eczema; presentation of clinical cases	2
LP 9. Diagnosis and treatment of patients with sexually transmitted infections; presentation of clinical cases.	2
LP 10. Diagnosis and treatment of patients with collagen disease, psoriasis, lichen; presentation of clinical cases.	2
LP11. Diagnosis and treatment of autoimmune bullous skin diseases, porphyria cutanea tarda, erythema multiforme patients; clinical case presentation.	2
LP 12. Diagnosis and treatment of patients with chronic venous insufficiency, with acne and alopecia areata; presentation of clinical cases.	2
LP 13. Diagnosis and treatment of benign skin tumors and precancerous skin lesions, presentation of clinical cases.	2
LP 14. Diagnosis and treatment of skin cancers; presentation of clinical cases.	2
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1. SIMONA IANOȘI (sub.red.). Dermatovenerologie, Editura Medicală Universitară, 2020, ISBN 978-973-106-313-3	
2. LOREDANA ELENA STOICA Basics in dermatology, Editura Sitech, 2019, ISBN 978-606-11-7119-4	

9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

- Dermatology is a fundamental discipline mandatory for a student to become a doctor
- Knowledge, practical skills and attitudes learned in this discipline provides the possibility to identify the clinical and laboratory diagnosis of common skin diseases and to develop and make correlations with other clinical specialties

10. METHODOLOGICAL LANDMARKS

Forms of activity	Techniques of teaching / learning, materials, resources: lecture, interactive group work, learning based problems / projects audio-video recordings, etc.
Cours	In case of special situations (alert states, emergency states, other types of situations that limit the physical presence of people) the activity can be carried out online using computer platforms approved by the faculty / university. The online education process will be adapted accordingly to ensure the fulfillment of all the objectives set out in the discipline sheet.
Practical work	The following combined methods are used: lecture, debate, problematization.
Self-study	For the online version: lecture, debate, problematization based on materials provided in advance.

11. RECOVERY PROGRAM

Absences recoveries	No. absences that can recover	Location of deployment	Period	In charge	Scheduling of topics
	3	Dermatology lab / online	The last week of the semester	Teaching Assistant	According to the internal schedule
Schedule consultations / Students' Scientific Program	2 hours /week	Dermatology lab / online	Weekly	All teaching assistants	The theme of the week.
Program for students poorly trained	2 hours/ week	Dermatology lab / online	Weekly	All teaching assistants	Theme from that specific week

12. ASSESMENT

Activity	Types of assesment	Method of evaluation	Percentage from final grade
Lecture	Formative assesment through essays, projects and surveys during the semester Summative assesment during the exam	Multiple Choice Questions Answering System (MCQ)/MCQ with the help of the IT platform in the online version.	60%
Practical work	Formative assesment through Multiple Choice Questions Answering System (MCQ) or/and descriptive, projects, survey during the semester. Periodic assesment during the semester	Multiple Choice Questions Answering System (MCQ) simultaneously with the one from the course / with the help of the video platform in the online version.	20%

	Summative assesment during the exam		
Periodic assesment			10%
Assesment of individual activity			10%
Minimum performance standard	At least 50% for each component of the evaluation		
13. GUIDANCE AND COUNSELLING PROGRAMS			
Professional guidance and counselling programs (2 hours/monthly)			
Scheduling the hours	Location	In charge	
Every last Friday of the month	Dermatology lab. /online	Lecture holders	

Data avizării în departament: 28.09.2022

**Department Director,
Prof. Univ. Dr. Cristin
VERE**

**Coordinator of study program,
Prof. Univ. Dr. Marius Eugen CIUREA**

**Discipline Holder,
Prof. Univ. Dr. Simona IANOȘI**