

<b>Name of the course</b>	<b>Dermatovenerology</b>			<b>Code</b>	MSE405
<b>Type of study program:</b>	Integrated university study program, Medicine			<b>Year of study:</b>	4
<b>Credits (ECTS):</b>	5.5	<b>Semester</b>	VIII	<b>Number of hours per semester (l+s+e)</b>	70 (30+15+25)
<b>Status of the course:</b>	obligatory	<b>Preconditions:</b>	Successfully passed 3 <sup>rd</sup> year exams	<b>Comparative conditions:</b>	/
<b>Access to course:</b>	Fourth year students			<b>Hours of instructions:</b>	According to schedule
<b>Course teacher:</b>	Associate Professor Dubravka Šimić, MD, PhD				
<b>Consultations:</b>	As agreed with students				
<b>E-mail address and phone number:</b>	<a href="mailto:simicdubravka@gmail.com">simicdubravka@gmail.com</a> + 387 63 442 746				
<b>Associate teachers</b>	Professor Branka Marinović, MD, PhD Professor Zrinka Bukvić Mokos, MD, PhD Anita Gunarić, MD Ivana Topić, MD				
<b>Consultations:</b>	As agreed with students				
<b>E-mail address and phone number:</b>	<a href="mailto:branka.marinovic@kbc-zagreb.hr">branka.marinovic@kbc-zagreb.hr</a> <a href="mailto:zrinka.bukvic.mokos@gmail.com">zrinka.bukvic.mokos@gmail.com</a> <a href="mailto:anta.gunaric@gmail.com">anta.gunaric@gmail.com</a> <a href="mailto:ivana5topic@yahoo.com">ivana5topic@yahoo.com</a>				
<b>The aims of the course:</b>	The aim of Dermatovenerology course is to introduce students with the role, structure and function of the skin and visible mucous membranes. Applying the dermatological clinical examination, as well as other methods of dermatology diagnostics. Familiarization with local and systemic as well as physical treatments in dermatovenerology. Familiarization with a detailed examination of dermatosis and sexually transmitted disease and learning about skin cancers.				
<b>Learning outcomes (general and specific competences):</b>	<u>Expected outcomes:</u> Synthesis of general and specific competencies - knowledge and skills.  <u>General Outcomes:</u> Applying the independent learning, communication skills and teamwork capability.  <u>Specific Outcomes:</u> Interpretation of dermatoses. Understanding and applying the peculiarities of dermatological and venereal disease. Analyzing and explaining the approach to treatment of patients.				
<b>Course content:</b>	The Dermatovenerology course consists of 70 hours divided into 15 teaching units, and is conducted during approximately 2 to 3 weeks. Each unit consists of 1-2 hours of lectures, 1 hour of seminar to check and determine knowledge and 2 hours of exercises with assistants for practical application of acquired knowledge through patient examinations in outpatient clinics. At the seminars, students actively participate and critically discuss the thematic unit for which they should prepare in advance through the preparation of a seminar paper, in teams of 3-5 students (depending on the number of students and the intended topics of the seminar), in the form of a structured PowerPoint presentation.				
<b>Format of instruction: (mark in bold)</b>	<b>Lectures</b>	<b>Exercises</b>	<b>Seminars</b>	Independent assignments	
	<b>Consultations</b>	Work with mentor	Field work	Others	
	Remarks:				
<b>Student responsibilities:</b>	Students are required to attend classes, it is allowed to miss 20% of teaching.				
<b>Screening student work (mark in bold)</b>	<b>Class attendance</b>	<b>Class participations</b>	<b>Seminar essay</b>	<b>Practical training</b>	
	<b>Oral exam</b>	<b>Written exam</b>	Continuous assessment	Essay	
<b>Detailed evaluation within a European system of points</b>					

STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTIONS OF MARK
Class attendance and participations	70	2.3	0%
Seminar essay	10	0.3	0%
Written exam	45	1.5	50%
Oral exam	40	1.4	50%
<b>Total</b>	<b>165</b>	<b>5.5</b>	<b>100%</b>
Further clarification:			
<p>The written exam is performed early after the Dermatovenereology course. It consists of 50 test-questions with multiple choice of answers (one of the five offered answers is always correct). To pass the exam (grade sufficient), the student must answer 55% of the questions correctly, i.e. must obtain at least 28 points. According to the Rulebook on studying at the University of Mostar, grades are assigned as follows: 0-54% insufficient (1); 55-66% sufficient (2); 67-78% good (3); 79- 90% (very good 4); 91-100% excellent (5).</p> <p>The oral exam includes the most important, integrative units of dermatovenereology. Through 4 questions, integrative knowledge is tested, which is essential for understanding the entire subject and is the basis for good medical practice. The condition for taking the oral exam is that the student participated in the preparation of the seminar paper and passed the written exam.</p> <p>The final grade is calculated as the arithmetic mean of the grades obtained on the written and oral exam</p>			
<b>Required literature:</b>	Šitum M, Goren A. Dermatovenereology, textbook and atlas. Medicinska naklada Zagreb, 2021		
<b>Optional literature:</b>	Prohic A, Doss N. Skin infections, Publisher : Faculty of Medicine - University of Sarajevo, 2019		
<b>Additional information about the course</b>	Monitoring methods of teaching quality: <ul style="list-style-type: none"> <li>- student questionnaire</li> <li>- quality analysis by students and teachers</li> <li>- exam results analysis</li> <li>- report of the office for teaching quality</li> <li>- external evaluation (visit of team for quality control)</li> </ul>		

Annexes: calendar classes

<b>The number of teaching units</b>	<b>TOPICS AND LITERATURE</b>
<b>I.</b>	Title: Development, texture and skin function. Eflorescence system on the skin. Basic Principles of Dermatological Diagnosis and Treatment of Allergic and Urticative Skin Diseases. Dermatitis (contact, professional, atopic). Amyloidic, intertriginous, numular dermatitis. Blood and lymphatic vessel diseases. Diseases of apocrine and eccrine glands. Skin and mucous diseases caused by viruses. Bacterial skin infections (pyoderma). Skin diseases caused by borrelia, protozoa, parasitic skin diseases. Granulomatous skin diseases of unknown etiology. Chronic piodermy
	Short description: After the presentation of the basics of the subject, specific dermatoses are identified
	Literature. required and optional
<b>II.</b>	Title: A group of hereditary bullous epidermolysis. Group of pemphigus and pemphigoids. Group of herpetiform dermatitis and pustular dermatosis. Congenital disorders of connective tissue, acquired atrophy of the skin. Skin changes in the graft versus host reaction. Skin changes in pregnancy. Scleroderma, dermatomyositis. Group of erythematosus, fatty tissue disease.
	Short description: illustrated examples of dermatological diseases.
	Literature: required and optional
<b>III.</b>	Title: sexually transmitted diseases. (Syphilis, gonorrhea) AIDS, Ulcus molle, lymphogranuloma venereum, donovanosis, nonspecific (nongonorrheic) urethritis, herpes genitalis, HPV. Diseases of an external sex in men. Diseases of external sex in women A group of erythematosus dermatoses. Erythematosquamous and papulose dermatosis. Pityriasis rubra pilaris, parapsoriasis, erythrodermia, lichen ruber planus.
	Short description: Illustrated examples of sexually transmitted and dermatological diseases
	Literature: required and optional

<b>IV.</b>	<p>Title: Hemorrhagic skin disorders. Disorders of metabolism of lipids, amino acids, mucopolysaccharides and purines. Hypersensitivity to insect bites, anaphylaxis, desensitisation. Infectious granulomatous skin diseases.</p> <p>Special course of bacterial skin diseases. Scalp disease. Disease of the nails.</p> <p>Physical and chemical damage of the skin. Benign vascular and epidermal tumors. Cysts. Benign tumors of adnexa, connective tissue, nervous and muscular tissue.</p> <p>Pre-cancer. Malignant epithelial tumors, intraepithelial cancers, invasive carcinomas. Malignant soft tissue and blood vessels, pigmental nevi, malignant melanoma. Paraneoplastic dermatoses. Lymphoma of pseudolymphoma.</p> <p>Short Description: Described with illustrated examples of dermatological diseases, benign and malignant tumors, and paraneoplastic dermatitis.</p> <p>Literature: required and optional</p>
<b>V.</b>	<p>Title: Diseases of skin caused by fungi and yeast, deep and systemic mycoses. Diseases of hair follicles and sebaceous glands. Diseases of apocrine and eccrine glands.</p> <p>Pigmentation disorders. Diseases of lips and mouth cavities. Neurogenic and psychogenic manifestations on the skin. Nasal disorders of keratinization, (ichthyosis, keratoderma). Erythrokeratoderma. Follicular Keratoderma. Mastocytosis, Histiocytic Skin Diseases. Porphyria, hyalineosis</p> <p>Short description: Illustrated examples of dermatological diseases and hereditary dermatitis.</p> <p>Literature: required and optional</p>
<b>VI.</b>	<p>Title: Anamnesis of a dermatological patient. Dermatological status. The system of fluorescence of the skin. The basic principles of dermatological diagnostics. Fundamental Principles of Dermatological Local and Systemic Therapy. Wound treatment of lower leg.</p> <p>Short description: The basics of dermatological diagnostics are presented.</p> <p>Literature: required and optional</p>
<b>VII.</b>	<p>Title: Allergy Diagnosis. Types of tests (intradermal, prick, scarring, epicutaneous tests). Other types of allergy tests. Microbiological diagnosis. Mycological diagnosis (native mycological preparations, Wood lamp). Particularities of dermatosis in childhood. Diagnostic and therapeutic guidelines of the most common dermatoses of children. Dermatological oncology (dermoscopy). Therapy of Sexual Diseases</p> <p>Short description: The basics of dermatological diagnostics are presented.</p> <p>Literature: required and optional</p>
<b>VIII.</b>	<p>Title: Demonstration of small interventions in dermatology: (excoheation, electrocauterization, application of liquid nitrogen in dermatology). Taking dermatological biopsy. Treatment of patients with systemic diseases.</p> <p>Treatment of patients with bullous dermatitis. Immunofluorescence diagnostics. Independent treatment of dermatological patients</p> <p>Short description: The basics of dermatological diagnostics are presented.</p> <p>Literature: required and optional</p>