

Pomorski Uniwersytet Medyczny w Szczecinie

COURSE SYLLABUS

General information

Course title: DERMATOLOGY	
Type of course	Mandatory
Name of Faculty of PUM	Faculty of Medicine and Dentistry
Field of study	Medicine
Specialization	-
Level of study	long-term studies
Mode of study	Full-time, part-time
Year of study /semester	year 3, semester 6
Number of allocated ECTS credits	3
Forms of teaching (number of hours)	Lectures 5 hours/seminars 5 hours/practical classes 30 hours
Ways of verifying and assessing learning outcomes ¹	<input type="checkbox"/> graded credit : <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input checked="" type="checkbox"/> credit without grade <input type="checkbox"/> final exam: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive

* mark as appropriate, **changing** ☐ to ☒

	<input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of Unit	Prof. dr hab. n. med. Mariola Marchlewicz,
Teaching assistant professor or person responsible for the course	Dr n. med. Monika Różewicka-Czabańska / monika.rozewicka@pum.edu.pl / 692-183-651
Name and contact details of unit	Department of Skin and Venereal Diseases PUM / ul. Siedlecka 2, 72-010 Police / klinderm@pum.edu.pl
Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/katedra-chorob-skornych-i-wenerycznych
Language of instruction	Polish

Detailed information

Course objective		To familiarize students with the basics of symptomatology and diagnostics of the most common skin diseases with particular emphasis on infectious diseases, including sexually transmitted diseases, neoplastic diseases, allergic reactions and autoimmune disorders. Bearing in mind future employment of currently educated students, mainly in primary health care, we strive to provide future physicians with the basic standards of diagnostic and therapeutic procedures in those skin diseases, which they may encounter in their future professional work, according to the current medical knowledge.
Initial requirements	Knowledge	A student has basic knowledge of basic and pre-clinical courses: anatomy, histology, pathophysiology, biochemistry as well as pathomorphology, microbiology, pharmacology.
	Skills	A student is able to perform Interview and physical examination of the patient, ability to take a patient's medical history, ability to apply knowledge in practice.
	Social competences	Student's active attitude during seminars and practical classes, ability to think independently, acting in accordance with ethical principles.

LEARNING OUTCOMES			
Number of learning outcome	A student who has completed the COURSE knows/can:	SYMBOL (reference to) learning outcomes for the field of study	Means of verifying the effects of learning outcomes*
W01	He /she knows the genetic, environmental and epidemiological determinants of the most common diseases	E.W1	Oral credit Test examination
W02	He /she knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases of children: <ul style="list-style-type: none"> a) urticaria, anaphylactic shock, angioedema, b) childhood cancer c) the most common childhood infectious diseases, d) genetic syndromes e) connective tissue diseases, rheumatic fever, juvenile arthritis, systemic lupus, dermatomyositis 	E.W3	Oral credit Test examination
W03	He /she knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common internal diseases occurring in adults, and their complications: <ul style="list-style-type: none"> a) tumours of mature B and T lymphocytes b) rheumatic diseases, including: systemic connective tissue diseases, systemic vasculitis, arthritis with spinal involvement, c) allergic diseases, including: anaphylaxis and anaphylactic shock, angioedema 	E.W7	Oral credit Test examination
W04	He /she knows the environmental and epidemiological conditions of the most common human cancers	E.W23	Oral credit Test examination
W05	He /she knows the basics of early cancer detection and principles of screening in oncology	E.W24	Oral credit Test examination
W06	He /she knows the possibilities of modern cancer therapy (including multimodal therapy), the perspectives of cellular and gene therapies and their adverse effects	E.W25	Oral credit Test examination

W07	He /she knows and understands the causes, symptoms, principles of diagnosis and therapeutic and prophylactic management of the most common bacterial, viral, parasitic and fungal diseases, including acquired immunodeficiency of AIDS	E.W32	Oral credit Test examination
W08	He /she knows the basic characteristics, environmental and epidemiological conditions of the most common human skin diseases	E.W33	Oral credit Test examination
W09	He /she knows and understands the causes, symptoms, diagnosis and therapeutic management of the most common sexually transmitted diseases	E.W34	Oral credit Test examination
W10	He /she knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common hereditary diseases	E.W35	Oral credit Test examination
W11	He /she knows skin structure and semiotics in the field of dermatology	A.W5 E.W3 E.W7 E.W33	Oral credit Test examination
U01	He /she takes a medical history of the adult patient	E.U1	Practical pass
U02	He /she takes a medical history with the child and their family	E. U2	Practical pass
U03	He /she performs a complete and focused physical examination of the adult patient	E.U3	Practical pass
U04	He /she plans diagnostic, therapeutic and preventive procedures	E.U16	Practical pass
U05	He /she assists in carrying out the following medical procedures and treatments: a) epidermal tests, intradermal and scarification tests, and interpret their results	E.U30	Practical pass
U06	He /she is able to plan specialist consultations	E.U32	Practical pass
U07	He /she is able to keep a patient's medical records	E.U38	Practical credit to be awarded - taking a patient's medical history
K01	He /she is able to work in a team	K.04	

K02	He /she is aware of patients' rights	K. 11	
K03	He /she is able to maintain medical confidentiality	K. 14	
K04	He /she shows due respect to patients when working with them	K.20	

Table of learning outcomes in relation to the form of classes							
Number of learning outcome	Learning outcomes	Form of the classes					
		Lecture	Seminar	Practical classes	Clinical practical classes	Simulations	E-learning
W01	E.W1	+	+		+		
W02	E.W3	+	+		+		
W03	E.W7	+	+		+		
W04	E.W23	+	+		+		
W05	E.W24	+	+		+		
W07	E.W25	+	+		+		
W08	E.W32	+	+		+		
W09	E.W33	+	+		+		
W10	E.W34	+	+		+		
W11	E.W35	+	+		+		
U01	E.U1				+		
U02	E.U2				+		
U03	E.U3				+		
U04	E.U16				+		
U05	E.U30				+		
U06	E.U32				+		
U07	E.U38				+		
K01	K.04				+		
K02	K.11				+		
K03	K.14				+		
K04	K.20				+		

TABLE OF CURRICULUM CONTENT			
curriculum content	Curriculum content	Number of hours	Reference to the learning outcomes for the COURSE
Summer semester			

Lectures			
TK01	Anatomy, physiology and immunology of the skin.	1h	A.W5
TK02	Semiotics in relation to skin structure. Basic dermatological concepts.		E.W33
TK03	Skin mycoses: infections with dermatophytes, yeast-like fungi, moulds - clinic, diagnosis, treatment	1h	E.W3 E.W32 EW33
TK04	Purulent and bacterial skin diseases: staphylococcal, streptococcal and mixed staphylococcal and streptococcal infections, rubella, erythematous dandruff, borreliosis - basic diagnostics, clinics, treatment		E.W3 E.W32 E.W33
TK05	Viral diseases of the skin: herpes, chickenpox, shingles, molluscum contagiosum, HPV infections - including potentially oncogenic subtypes - clinics, diagnostics, treatment		E.W3 E.W32 E.W33
TK06	Pink Gibert's dandruff		E.W33
TK07	Lichen planus: pathomechanism, clinic, diagnosis, treatment		E.W33
TK08	Erythema: erythema multiforme - etiopathogenesis, clinic (including minor and field of study forms with a discussion on toxicity) Erythema nodosum - etiopathogenesis, clinic, diagnosis, treatment		E.W03 E.W07 E.W33
TK09	Allergic skin diseases: mechanisms of allergy, urticaria - etiopathogenesis, clinic and diagnostics of different varieties of urticaria, treatment, eczema - etiopathogenesis, most common allergens (including occupational), clinic, diagnostics and treatment, atopic dermatitis - etiopathogenesis, diagnostic criteria, clinic, basics of treatment	1h	E.W1 E.W3 E.W7 E.W33
TK10	Drug-induced skin lesions		E.W3 E.W7

			E.W33
TK11	Benign skin nevi and neoplasms: epidermal nevi, pigmented nevi with special emphasis on the possibility of melanoma development, dysplastic nevi syndrome, angiomas, fibromas, lipomas - clinics, treatment including cryotherapy and laser therapy	1h	E.W1 E.W23 E.W24 E.W33
TK12	Precancerous conditions and carcinomas <i>in situ</i> : solar keratosis, dermal keratosis, white keratosis, chemical keratosis, parchment and pigmented skin, Bowen's disease and Queyrata erythroplasia		E.W1 E.W23 E.W24 E.W33
TK13	Skin cancers: factors affecting the development of skin cancer, immunological phenomena in skin cancer: basal cell carcinoma, squamous cell carcinoma - clinic, diagnosis, treatment		E.W1 E.W23 E.W24 E.W25 E.W33
TK14	Melanoma - clinic, diagnosis, treatment		E.W1 E.W23 E.W24 E.W25 E.W33
TK15	Lymphoid proliferations: precursor conditions of lymphoid proliferations, mycosis fungoides, Sezary syndrome, skin lesions in the course of haematological diseases - clinics, diagnostics, treatment		E.W1 E.W7 E.W23 E.W24 E.W25 E.W33
TK16	Bullous diseases, pemphigus and its variants, pemphigoid, pemphigoid of pregnancy, dermatitis herpetiformis - association with gluten-dependent enteropathy - clinics, etiopathogenesis, immunological diagnosis, basis of treatment	1h	E.W1 E.W33

Seminars			
TK01	Psoriasis, psoriatic arthritis - etiopathogenesis, clinic, treatment	1h	E.W1 E.W3 E.W33
TK02	Genetically determined keratoses disorders: palmoplantar keratosis, fish scale, Darier's disease, inheritance, clinic, diagnosis, treatment		E.W1 E.W3 E.W35 E.W33
TK03	Connective tissue diseases: lupus erythematosus and its variants, systemic and cutaneous scleroderma, dermatomyositis, mixed connective tissue disease - etiopathogenesis, immunological diagnostics, clinic of skin and organ changes, basics of treatment	1h	E.W1 E.W3 E.W7 E.W33
TK04	Vascular diseases of the skin: hyperkeratotic purpura, pyoderma gangrenosum - etiopathogenesis, clinic, treatment		E.W1 E.W3 E.W7 E.W33
TK05	Acquired syphilis: symptoms of syphilis I and II, early and relapsing syphilis, classical and ileal serology, latent syphilis, syphilis of the nervous system: clinical forms, importance of cerebrospinal fluid examination, syphilis of the circulatory system, principles of post-treatment control	1h	E.W32 E.W33 E.W34
TK06	Congenital syphilis: early, late, treatment of early and late congenital syphilis, prevention of congenital syphilis		E.W32 E.W33 E.W34
TK07	Gonorrhoea: diagnosis of gonorrhoea in men and women, localisation, clinical picture of uncomplicated gonorrhoea, extra-genital localisation of gonorrhoea,	1h	E.W32 E.W33

	common complications of gonorrhoea in both sexes, gonorrhoea in girls - clinical picture, sources of infection, principles for treatment of gonorrhoea and follow-up		E.W34
TK08	Non-gonococcal urethritis in men and women (NGU): etiopathogenesis, clinics, complications, differentiation of NGU depending on the causative pathogen (chlamydia, vaginal cilia, <i>Candida</i>)		E.W32 E.W33 E.W34
TK09	Condyloma acuminata: clinical picture of infection, oncogenic role of human papilloma virus, diagnosis, treatment and prevention		E.W3 E.W32 E.W33
TK10	Genitourinary herpes: clinical picture, treatment		E.W32 E.W33
TK11	HIV retroviral infections: infectivity and routes of transmission, clinical course and division into stages of infection, indicator diseases, screening and confirmatory tests - interpretation of results, antiviral treatment of patients with HIV infection, prevention of HIV infection	1h	E.W32 E.W33 E.W34
Practical classes:			
TK01	Interview and physical examination of the patient in the field of dermatological diseases from the group of infectious, allergic, autoimmune, neoplastic diseases. Participation in dermatological procedures: removal of skin lesions, taking skin samples, performing allergic skin tests, phototherapy procedures. Participation in the daily work of the doctor including management of patients in the ward, consultation in the emergency room, rounds.	30h	E.W3 E.W7 E.W23 E.W24 E.W25 E.W32 E.W33 E.W34 E.U1

			E.U2
			E.U3
			E.U16
			E.U30
			E.U32
			E.U38
			K04
			K11
			K14
			K20

Recommended literature:	
Reference literature	
1. S. Jabłońska, S. Majewski: Choroby skóry i chorób przenoszone drogą płciową, PZWL Warszawa 2016 and subsequent editions	
2. T. F. Mroczkowski: Choroby przenoszone drogą płciową dla studentów i lekarzy, Czelej, Lublin 2012	
Complementary literature	
W.H.C. Burgdorf, G. Plewig, H.H. Wolff, M. Landthaler : Braun Falco DERMATOLOGIA - wydanie III polskie (red . W.Gliński)	
2.PTD recommendations on the management and treatment of skin diseases and sexually transmitted diseases published in Dermatology Review since 2012	
3. T. Fitzpatrick, K. Wolff, R. Johnson: Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Sixth Edition; The McGraw-Hill Companies 2009 and later editions	
4. R. Marks: Roxburgh's common skin diseases, International Students' 18 th Edition 2011 and later editions	

Student workload	
Form of student workload (course participation, student's involvement, report preparation, etc.)	Student workload [h]
	In the teacher's assessment (opinion)
Contact hours with the teacher	40h
Preparation for practical classes/seminar	15h
Reading of designated literature	15h
Writing a lab/practical classes report/preparing a project/reference paper, etc.	-
Preparation for the test/colloquium	2h
Preparation for the examination	10h
Taking the patient's medical history	2h
Total student workload	84h
ECTS credits	3
Notes	

*Example ways to verify learning outcomes:

EP - written exam
 EU - oral test
 ET - test exam
 EPR - practical test
 K - colloquium
 R - paper
 S - testing of practical skills
 RZĆ - report on practical classes with discussion of results
 O - assessment of student's course involvement and attitude
 SL - Laboratory report
 SP - case study
 PS - assessment of ability to work independently
 W – a short test before the beginning of classes
 PM - multimedia presentation
 and other