



# Pomorski Uniwersytet Medyczny w Szczecinie

## SYLLABUS of the MODULE (SUBJECT) General information

Module title: DERMATOLOGY AND VENEREOLOGY	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medical and Dentistry
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester	III
ECTS credits (incl.semester breakdown)	2
Type/s of training (Number of hours)	Lectures (4h)/ lectures e-l (1 h), seminars (8 h)/practical classes (12 h)
Form of assessment <sup>1</sup>	<input checked="" type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input checked="" type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul>
Head of the Department /Clinic, Unit	Prof. dr hab, n. med. Mariola Marchlewicz
Tutor responsible for the module	Dr n. med. Magdalena Boer / magboer@pum.edu.pl / phone 91- 4253924
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Department's/Clinic's/Unit's website	<a href="https://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/katedra-chorob-skornych-i-wenerycznych">https://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/katedra-chorob-skornych-i-wenerycznych</a>
Language	Polish/English

### Detailed information

Module objectives		Acquainting 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 the future employment of currently educated students, the primary objective of the course is to provide future dentists 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.
Prerequisite /essential requirements	Knowledge	Basic knowledge of basic and pre-clinical modules: anatomy, histology, physiology, pathophysiology, biochemistry as well as pathomorphology, microbiology, pharmacology.
	Skills	Physical examination and taking medical history of a patient, ability to prepare a patient's medical history, ability to apply knowledge in practice.
	Competences	Student's active attitude during seminars and exercises, ability to think independently, acting in accordance with ethical principles.

Description of the learning outcomes for the subject/module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	understands relationship between morphological anomalies and function of organs and systems, clinical symptoms and capacity of diagnostics and treatment	K_E.W01	Graded test assessment
W02	knows basic methods of medical examination and importance of additional examination with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	K_E.W02	Graded test assessment
W03	knows etiopathogenesis and symptomatology of diseases of respiratory system, circulatory system, genitourinary system, hematopoietic system, immunological system, alimentary system, motor system and endocrine system with particular focus on disease whose symptoms occur in oral cavity	K_E.W03	Graded test assessment
W04	knows symptoms of viral hepatitis, HIV, AIDS and lymphadenopathy in contagious and parasitic diseases	K_E.W08	Graded test assessment

W05	knows life-threatening states	K_E.W18	Graded test assessment
W06	knows when to refer patient to hospital	K_E.W20	practical skills assessment
U01	performs differential diagnostics of most common diseases in adults	K_E.U01	practical skills assessment
U02	assesses and explains mental and somatic state of patient	K_E.U02	practical skills assessment
U03	plans diagnostics procedure and therapeutic management in case of most common diseases in adults	K_E.U03	Graded test assessment
U04	interprets results of laboratory examination	K_E.U04	practical skills assessment
U05	identifies correct and pathological structures and organs in additional imaging examination (X-ray, USG, computer tomography)	K_E.U05	practical skills assessment
U06	identifies life-threatening risk	K_E.U08	Graded test assessment
U07	explains and recognizes symptoms of shock and acute circulatory failure	K_E.U09	Graded test assessment
U08	diagnoses nasopharyngeal cavity diseases, knows etiology and pathomechanism thereof	K_E.U12	Graded test assessment
U09	preliminarily diagnoses neoplastic changes in area of nose, throat and larynx	K_E.U13	Graded test assessment practical skills assessment
U10	diagnoses and treats following skin diseases: infection disease, allergic disease, sexually transmitted diseases	K_E.U14	Graded test assessment
U11	diagnoses skin neoplasms and precancerous lesions	K_E.U15	Graded test assessment practical skills assessment
U12	diagnoses dermatosis and collagen disease exhibiting symptoms in area of oral mucosa	K_E.U16	Graded test assessment
U13	diagnoses diseases causing enlargement of cervical lymph nodes and mandibular lymph nodes and contagious diseases with particular regard to changes in area of oral cavity	K_E.U18	Graded test assessment
U14	performs basic procedures and operations: body temperature measurement, sphygmometry, non-invasive blood pressure measurement, oxygen therapy, forced and supportive ventilation, introduction of mouth-throat tube, preparation of operating field, hygienic and surgical disinfection of hands, intravenous, intramuscular and subcutaneous injections, drawing peripheral venous blood, nose, throat and skin swabs, simple strip tests and glucose	K_E.U20	practical skills assessment

	concentration measurement		
K01	shows habit of self-education and lifelong education	K_K01	student's active participation and attitude assessment
K02	can co-operate with team members and care about occupational safety	K_K03	student's active participation and attitude assessment
K03	shows respect to human body	K_K04	student's active participation and attitude assessment
K04	shows respect to patient, social groups and cares for their goodwill and security	K_K05	student's active participation and attitude assessment
K05	understands proper examiner/examined relationship	K_K08	student's active participation and attitude assessment
K06	understands need for keeping professional secrecy and showing respect to patients' rights	K_K09	student's active participation and attitude assessment

**Table presenting LEARNING OUTCOMES in relation to the form of classes**

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other forms
W01	K_E.W01	+	+		+		+	
W02	K_E.W02	+	+		+		+	
W03	K_E.W03	+	+		+		+	
W04	K_E.W08	+	+		+		+	
W08	K_E.W18	+	+		+		+	
W09	K_E.W20	+	+		+		+	
U01	K_E.U01	+	+		+		+	
U02	K_E.U02				+			
U03	K_E.U03				+			
U04	K_E.U04				+			
U05	K_E.U05				+			
U06	K_E.U08	+			+			
U07	K_E.U09	+			+			
U08	K_E.U12	+	+		+		+	
U09	K_E.U13	+	+		+			
U10	K_E.U14	+	+		+		+	
U11	K_E.U15	+	+		+			
U12	K_E.U16	+	+		+			
U13	K_E.U18	+	+		+			
U14	K_E.U20				+			
K01	K_K01				+			
K02	K_K03				+			
K03	K_K04				+			
K04	K_K05				+			
K05	K_K08				+			

K06	K_K09				+			
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Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
Winter semester			
Lectures			
TK01	Purulent and bacterial skin diseases: staphylococcal, streptococcal and mixed staphylococcal and streptococcal infections, rubella, erythematous dandruff, borreliosis - basic diagnostics, clinics, treatment	1h	K_E.W20 K_E.U01 K_E.U03 K_E.U04 K_E.U14 K_E.U14 K_E.U18
TK02	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	K_E.W20 K_E.U08 K_E.U09 K_E.U14
TK03	Drug-induced skin lesions		K_E.W03 K_E.W20 K_E.U08 K_E.U09 K_E.U14
TK04	Benign skin nevi and neoplasms: epidermal nevi, pigmented nevi with special regard to melanoma development possibility, dysplastic nevi syndrome, hemangiomas, fibromas, lipomas - clinics, treatment including cryotherapy and laser therapy	1h	K_E.W01 K_E.W02 K_E.U12 K_E.U13 K_E.U15
TK05	Precancerous conditions and carcinomas <i>in situ</i> : solar keratosis, dermal horn, white keratosis, chemical keratosis, parchment and pigmented skin, Bowen's disease and Queyrata erythroplasia		K_E.W01 K_E.W02 K_E.U12 K_E.U13 K_E.U15
TK06	Skin cancers: factors affecting the development of skin cancer, immunological phenomena in skin cancer: basal cell carcinoma, squamous cell carcinoma - clinic, diagnosis, treatment		K_E.W01 K_E.W02 K_E.U12 K_E.U13 K_E.U15 K_E.U18
TK07	Melanoma - clinic, diagnosis, treatment		K_E.W01 K_E.W02 K_E.U05 K_E.U12 K_E.U13 K_E.U15
TK08	Bullous diseases, pemphigus and its variants,	1h	K_E.W01

	pemphigoid, pemphigoid of pregnancy, dermatitis herpetiformis - association with gluten-dependent enteropathy - clinics, etiopathogenesis, immunological diagnostics, basics of treatment		K_E.W02 K_E.W03 K_E.U16
<b>Seminars</b>			
TK01	Viral diseases of the skin: herpes, chickenpox, shingles, molluscum contagiosum, HPV infections - including potentially oncogenic subtypes - clinics, diagnostic basis, treatment	1h	K_E.W20 K_E.U01 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK02	Lichen planus: pathomechanism, clinic, diagnosis, treatment		K_E.U01 K_E.U12
TK03	Erythema: erythema multiforme - etiopathogenesis, clinic (including minor and major forms with a discussion on Lyell's toxic epidermal necrolysis), diagnostics, treatment, erythema nodosum - etiopathogenesis, clinic, diagnostics, treatment		K_E.W20 K_E.U12 K_E.U14
TK04	Pink Gibert's dandruff		K_E.U14
TK05	Skin mycoses: infections with dermatophytes, yeast-like fungi, moulds - clinics, diagnosis, treatment	1h	K_E.U14 K_E.U20
TK06	Psoriasis, psoriatic arthritis - etiopathogenesis, clinic, treatment	1h	K_E.W20 K_E.U01 K_E.U03 K_E.U16
TK07	Genetically conditioned disorders of keratosis: palmoplantar keratosis, fish scale, Darier's disease, inheritance, clinic, diagnostics, treatment		K_E.W01 K_E.W20 K_E.U01 K_E.U03 K_E.U16
TK08	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	K_E.W01 K_E.W20 K_E.U01 K_E.U03 K_E.U16
TK09	Skin vascular diseases: hyperemic purpura, pyoderma gangrenosum - etiopathogenesis, clinic, treatment		K_E.W01 K_E.W20 K_E.U01 K_E.U03 K_E.U16
TK10	Lymphoid proliferations: precursor conditions of lymphoid proliferations, mycosis fungoides, Sezary syndrome, skin lesions in course of hematological diseases - clinics, diagnostics, treatment	1h	K_E.W01 K_E.W02 K_E.U05 K_E.U15
TK11	Acquired syphilis: symptoms of syphilis I and II period, early and relapsing syphilis, classical and ileal serologic reactions, latent syphilis, syphilis of the nervous system: clinical forms, importance of	1h	K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14

	cerebrospinal fluid examination, syphilis of the circulatory system, rules of control after treatment		K_E.U18
TK12	Congenital syphilis: early, late, treatment of early and late congenital syphilis, prevention of congenital syphilis		K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK13	Gonorrhea: diagnosis of gonorrhea in men and women, localization, clinical picture of uncomplicated gonorrhea, extra-genital localization of gonorrhea, common complications of gonorrhea in both sexes, gonorrhea in girls - clinical picture, sources of infection, principles of gonorrhea treatment and control after treatment	1h	K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK14	Non-sterile genitourinary infections in men and women (NGU): etiopathogenesis, clinics, complications, differentiation of NGU depending on the causing pathogen (chlamydia, vaginal cilia, Candida fungi)		K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK15	Condyloma acuminata: clinical picture of infection, oncogenic role of human papilloma virus, diagnosis, treatment and prevention	1h	K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK16	Genitourinary herpes: clinical picture, treatment		K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK17	HIV retrovirus infection: infectiousness and ways of spreading the infection, 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		K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
Practical classes			
TK01	Physical examination and taking medical history 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.	12h	K_E.W03 K_E.W08 K_E.W18 K_E.W20 K_E.U01 K_E.U02 K_E.U03 K_E.U04 K_E.U05 K_E.U08 K_E.U09 K_E.U12 K_E.U13 K_E.U14 K_E.U15 K_E.U16

			K_E.U18 K_E.U20 K_K01 K_K03 K_K04 K_K05 K_K08 K_K09
<b>simulation</b>			
<b>E-learning</b>			
TK01	Anatomy, physiology and immunology of the skin.	1h	K_EW01 K_EW03 K_EU01
TK02	Semiotics in relation to skin structure. Basic dermatological terms.		E K_EW01 K_EU01

<b>Booklist:</b>	
Obligatory literature:	
1. S. Jabłońska, S. Majewski: Choroby skóry i choroby przenoszone drogą płciową, PZWL Warszawa	
2. T. F. Mroczkowski: Choroby przenoszone drogą płciową dla studentów i lekarzy, Czelej, Lublin	
Supplementary literature:	
1. W.H.C. Burgdorf, G. Plewig, H.H. Wolff, M. Landthaler : Braun Falco DERMATOLOGIA □ wydanie III polskie (red. W.Gliński)	
2. Zalecenia PTD dotyczące postępowania i leczenia chorób skóry oraz chorób przenoszonych drogą płciową opublikowane w Przeglądzie Dermatologicznym od 2012 roku	
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 <sup>th</sup> Edition 2011 and later editions	



Student's workload		
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]	
	Tutor	
Contact hours with the tutor	25h	
Time spent on preparation to seminars/ practical classess	10h	
Time spent on reading recommended literature	10h	
Time spent on writing report/making project	-	
Time spent on preparing to colloquium/ entry test	2h	
Time spent on preparing to exam	10h	
Preparation of the patient's medical history	2h	
Student's workload in total	59h	
ECTS credits	2	
Notes		

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...