



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: Infectious diseases	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year IV, semester winter/summer (blocks)
ECTS credits (incl. semester breakdown)	8
Type/s of training	seminars 10h/ practical 50 h
Form of assessment *	<input type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input checked="" type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <input type="checkbox"/> final examination <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	<ol style="list-style-type: none"> 1. Prof. Milosz Parczewski, Department of Infectious Diseases, Tropical and Immune Deficiency 2. Prof. Marta Wawrzynowicz-Syczewska, Department of Infectious Diseases, Hepatology and Liver Transplantation
Tutor responsible for the module	Prof. Marta Wawrzynowicz-Syczewska
Department's/ Clinic's/ Unit's website	
Language	English

* replace into where applicable

Detailed information

Module objectives		
Prerequisite /essential requirements	Knowledge	Anatomy, physiology, basic pathology and pathophysiology, basic knowledge of microbiology and antimicrobials, basic knowledge of laboratory techniques (biochemistry, ELISA, Western blotting, PCR, sequencing)
	Skills	Taking history from the patient, physical examination
	Competences	Working in a group, respecting patient's rights, respecting teachers and colleagues

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	Knows genetic, environmental and epidemiological conditions of the commonest infectious diseases	K_E.W1	O, ET
W02	Knows rules of preventive vaccinations in children	K_E.W2	O, ET
W03	Knows and understands causes, symptoms, diagnostic modalities and management of the commonest infectious diseases of childhood	K_E.W3	O, S, ET
W04	Knows and understands causes, symptoms, diagnostic modalities and the management as well as prophylaxis of the most common bacterial, fungal, viral and parasitic infectious diseases, including viral hepatitis, AIDS-related conditions, sepsis and hospital-acquired infections	K_E.W32	O, S, ET
W05	Knows basic features, environmental and epidemiological conditions of the most common infectious skin diseases	K_E.W33	O, S, ET
W06	Knows and understands causes, symptoms, diagnostic modalities and the management of the most common sexually transmitted diseases	K_E.34	O, ET
W07	Knows types of biological fluids used in the diagnostic process of infectious diseases and the rules in obtaining these materials	K_E.W37	O, S, ET
U01	Conducts a medical interview with the patient	K_E.U1	S, O
U02	Carries out a full and targeted medical examination	K_E.U3	S, O
U03	Plans a post-exposure prophylaxis in case of exposure to blood-borne pathogens	K_E.U26	O, ET

U04	Can assess indications and is able to qualify the patient for vaccinations	K_E.U27	O,S, ET
U05	Collects material for laboratory examinations used in the diagnostics of infectious diseases	K_E.U28	S
U06	Is able to perform the basic medical procedures	K_E.U29 K_E.U31	S
U07	Is able to interpret pharmacological characteristics of basic antimicrobials	K_E.U31	O, R, ET
U08	Is able to plan specialist consultations	K_E.32	O, R
K01	Is aware of the patient's rights and accepts medical confidentiality	K_K11 K_K14	O
K02	Accepts the ethical standards	K_K01	O
K03	Is able to work in a group	K_K04	O
K04	Shows the habit of self-education	K_K03	O

Table presenting LEARNING OUTCOMES in relation to the form of classes								
No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical	Clinical classes	Simulations	E-learning	Other...
W01	Knows genetic, environmental and		X		X			
W02	Knows rules of preventive vaccinations in		X		X			
W03	Knows and understands causes, symptoms,		X		X			X
W04	Knows and understands causes, symptoms,		X		X			X
W05	Knows basic features, environmental and		X		X			X
W06	Knows and understands causes, symptoms,		X		X			X
W07	Knows types of biological fluids used in the		X		X			
U01	Conducts a medical interview with the patient				X	X		
U02	Carries out a full and targeted medical				X	X		
U03	Plans a post-exposure prophylaxis in case of				X			
U04	Can assess indications and is able to qualify the				X			
U05	Collects material for laboratory examinations				X	X		
U06	Is able to perform the basic medical procedures				X	X		
U07	Is able to interpret pharmacological				X			
U08	Is able to plan specialist consultations				X			
K01	Is aware of the patient's rights and accepts				X			X
K02	Accepts the ethical standards		X		X			X
K03	Is able to work in a group				X	X		
K04	Shows the habit of self-education						X	

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Winter semester			
Lectures			
TK01			

TK02			
Seminars			
TK01	Neuroinfections	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK02	Epidemiology of infectious diseases	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK03	Tick-borne infections	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK04	Parasitic and zoonotic infections	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK05	HIV I: Epidemiology and clinical presentation	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK06	Acute and chronic hepatitis	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK07	COVID-19: pathogenesis, clinical presentation, prophylaxis. Post- and preexposure prophylaxis	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK08	Sepsis and septic shock	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK09	HIV II: rules of treatment	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
TK10	Tropical and traveler's diseases	1	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07
Practical classes			

TK01	HIV-infected patient: medical history, epidemiological history, diagnostic modalities, HIV-related disorders – diagnostics, treatment schedules, pre- and postexposure prophylaxis	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK02	Patient with acute and chronic viral hepatitis – interpretation of aminotransferase abnormalities, differential diagnostics in hepatology, interpretation of serodiagnostic tests, treatment of acute and chronic viral hepatitis, liver failure, indications and contraindications for liver transplantation	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK03	Neuroinfections – picture of cerebrospinal fluid in different neuroinfections, diagnostics of meningitis and meningoencephalitis, differential diagnostics, empirical and targeted treatment of neuroinfections, complications of neuroinfections	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK04	<i>Herpesviridae</i> infections – clinical entities, differential diagnosis, oncogenesis of chosen herpesviruses, herpes infections in perinatology	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK05	Staphylococcal and streptococcal infections- clinical entities, differential diagnosis, empirical and targeted antibiotic therapy, complications, toxic shock syndrome	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK06	Regulations in the field of infectious diseases. Prophylaxis of infectious diseases – various aspects. Medical history – specificities in infectology. Diagnostic methodologies in infectology.	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK07	Infectious diseases of childhood – diagnostics, differential diagnosis, treatment and prophylaxis	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK08	Chosen elements of travelers' medicine. Prophylaxis for travelers. Pregnant woman as a traveler. Malaria – diagnostic rules, treatment, prophylaxis. Another tropical diseases that might be carried to Europe	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07,

			K01, K02, K03, K04 K05
TK09	Tick-borne diseases (Lyme disease, tick-borne encephalitis, Babesia microti infection)	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
TK10	Sepsis – diagnosis, recognition of a septic shock, management of a septic patient, empirical and targeted treatment	5	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, K01, K02, K03, K04 K05
Simulation			
E-learning			
Summer semester			
Lectures			
TK01			
TK02			
Seminars			
TK01			
TK02			
Practical classes			
Simulation			
E-learning			

Booklist
Obligatory literature:
1. 1. Southwick F. Infectious diseases: a clinical short course. Second edition 2008. The McGraw Hill Companies, USA.
2. 2. Infectious diseases. In: Harrison's Principles of Internal Medicine, 19 th Edition Textbook, Vol.2 [edited by] D.L.Kasper, A.S.Fauci, S.L.Hauser, D.L. Longo, J.L.Jameson, J. Loscalzo, McGraw Hill Education.
Supplementary literature:
1. Hauser AR. Antibiotic Basics for Clinicians. Choosing the Right Antibacterial Agent. Lippincott Williams & Wilkins, Philadelphia 2007, USA.

2. Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases. [edited by] J.E.Bennett, R Dolin & M.J. Blaser, 8th edition, Elsevier.

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	60
Time spent on preparation to seminars/ practical classess	10
Time spent on reading recommended literature	20
Time spent on writing report/making project	5
Time spent on preparing to colloquium/ entry test	NA
Time spent on preparing to exam	30
Other	20
Student's workload in total	145
ECTS credits for the subject (in total)	8
Remarks	

* 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...