

Kształcenie zdalne:	0	0			0								
Katedra i Klinika Pediatrii i Chorób Infekcyjnych:	10	3			12								
Kształcenie bezpośrednie:	0	3			12								
Kształcenie zdalne:	10	0			0								
Razem w roku:													
Katedra i Klinika Chorób Zakaźnych, Chorób Wątroby i Nabytych Niedoborów Odpornościowych:	15	9			33	0							
Kształcenie bezpośrednie:	0	9			33	0							
Kształcenie zdalne:	15	0			0	0							
Katedra i Klinika Pediatrii i Chorób Infekcyjnych:	10	6			24								
Kształcenie bezpośrednie:	0	6			24								
Kształcenie zdalne:	10	0			0								
Katedra i Zakład Biologii i Parazytologii Lekarskiej:						3							
Kształcenie bezpośrednie:						3							
Kształcenie zdalne:						0							
Lectures (L); Seminars (SE); Auditorium classes (AC); Major Classes - not clinical (MC); Clinical Classes (CC); Laboratory Classes (LC); Classes in Simulated Conditions (CSC); Practical Classes with Patient (PCP); Foreign language Course (FLC), Physical Education (PE); Vocational Practice (VP); Directed Self-Study (DSS), E-learning (EL)													

Educational objectives (max. 6 items)			
C1: Diagnostics and treatment of selected infectious diseases - knowledge and skills.			
C2: Knowledge of current epidemiological threats.			
C3: Planned and post-exposure prophylaxis of selected infectious diseases - basic rules.			
C4: Pathology of selected infectious diseases.			
Education result for course in relation to verification methods of the intended education result and the type of class:			
Number of detailed education result	Student who completes the course knows/is able to	Methods of verification of intended education results	Form of didactic class
E.W33.	the rules concerning the detection of an infectious disease;	Oral response Colloquium (student knows basic principles and knowledge, understands problems and sees connections between them)	CK, CL, WY
E.W34.	the causes, symptoms, principles of diagnosis and therapeutic and prophylactic management of the most common bacterial, viral, parasitic and fungal diseases, including pneumococcal infections, viral hepatitis, acquired immunodeficiency syndrome (AIDS), sepsis and nosocomial infections;	Oral response Colloquium (student knows basic principles and knowledge, understands problems and sees connections between them)	CK, CL, WY

E.W39.	the types of biological materials used in laboratory diagnosis and the principles for collecting material for tests;	Oral response Colloquium (student knows basic principles and knowledge, understands problems and sees connections between them)	CK, CL, WY
E.U3.	conduct a complete and focused physical examination of an adult patient;	practice test	CK
E.U16.	plan diagnostic, therapeutic and preventive procedures;	Oral response Colloquium (student knows basic principles and knowledge, understands problems and sees connections between them)	CK, WY
E.U26.	plan the management in the event of exposure to a blood-borne infection;	Oral response Colloquium (student knows basic principles and knowledge, understands problems and sees connections between them)	CK, WY
K.1	establish and maintain deep and respectful contact with the patient, and to show understanding of different worldviews and cultures;	observation	CK, WY
K.2	be guided by the beneficence of the patient;	observation	CK, WY
K.3	respect physician-patient confidentiality and patient rights;	observation	CK, WY
K.5	notice and recognise one's own limits and to self evaluate and identify educational deficits and needs	observation	CK, WY
K.7	use objective sources of information	observation	CK, WY
K.8	formulate conclusions based on own measurements or observations	observation	CK, WY
Lectures (L); Seminars (SE); Auditorium classes (AC); Major Classes - not clinical (MC); Clinical Classes (CC); Laboratory Classes (LC); Classes in Simulated Conditions (CSC); Practical Classes with Patient (PCP); Foreign language Course (FLC), Physical Education (PE); Vocational Practice (VP); Directed Self-Study (DSS), E-learning (EL)			

Student's amount of work	
(balance of ECTS points):	
Student's workload (class participation, activity, preparation, etc.)	Student Workload
1. Number of hours of direct contact:	75
2. Number of hours of distance learning:	25
3. Number of hours of student's own work:	66
4. Number of hours of directed self-study	0
Total student's workload:	166
ECTS points for course:	5.5

Content of classes: (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects

Lectures:

Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies 1. HIV and AIDS: epidemiology, pathophysiology of HIV infection and its consequences, diagnosis, AIDS definition, clinical symptoms of AIDS, antiretroviral therapy-when to start and how to monitor the efficacy, adverse effects of ARV, prognosis, HIV infection and pregnancy, Prophylaxis: pre-exposure and post-exposure 2. Hepatitis caused by viruses; characteristics of viruses, clinical symptoms of acute and chronic infection, principles of diagnostics, qualification for antiviral therapy, modern antiviral therapies and their effectiveness, consequences of chronic infections and prognosis 3. Tick-borne diseases: epidemiology, etiology, clinical symptoms, diagnostic principles, therapy and prophylaxis 4. Haemorrhagic fevers; re-emerging and emerging novel infectious pathogens: epidemiology and etiological agents, clinical course, prognosis, diagnostics and prophylaxis. Which of them can be expected in Europe and which imported by people coming from different regions of the world. 5. Travel medicine 6. Covid-19: prophylaxis, clinical symptoms, diagnostics, epidemiology

,Department of Pediatric Infectious Diseases 1. Infectious hepatitis in children 2. Invasive bacterial diseases in children 3. Neurologic sequelae of infectious diseases 4. Rarely recognized infectious diseases 5. A child in tropical travel

Seminars:

Winter semester 1. Tetanus and rabies. 2. Pre- and post-exposure prophylaxis for HIV, HCV and HBV. Harm reduction. 3. Diarrhoea - pathogenesis, diagnosis, treatment. Diarrhoea in immunocompromised patients. 4. Neuroinfections - differential diagnosis. Tick-borne infections. 5. Nosocomial infections, COVID-19 - epidemiology, clinical course, diagnosis, treatment and prophylaxis. 6. Serological diagnosis of infectious diseases. Summer semester 1. Differential diagnosis of icteric and non-icteric liver disease. 2. Tropical diseases.

Classes:

Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies 1. Chain of infection, spread of infectious diseases. Diagnostics and treatment of infectious diseases. Immunoprophylaxis of infectious diseases. Current epidemiological threats. 2. Biochemical, microbiological, serological and molecular tests - result interpretation and their usefulness in infectious diseases - clinical scenarios (HIV, Toxoplasmosis, Chlamydia pneumoniae, CMV, borreliosis). 3. Differential diagnosis of icteric and non-icteric liver disease. 4. Sepsis/SIRS - pathogenesis, diagnosis and treatment. Good antibiotic practices. Systemic infections (respiratory tract, gastro-intestinal tract, genito-urinary tract, central nervous system) of viral, bacterial and fungal etiology. 5. Tetanus, rabies - prophylaxis and treatment. Tick-borne diseases. 6. Gastro-intestinal infections - pathogenesis, diagnostics, treatment. Diarrhoea in immune compromised patients. 7. Pre- and post-exposure prophylaxis of HIV, HCV and HBV. Harm reduction principles. 8. Neuroinfections - differential diagnosis. 9. Nosocomial infections - clinical picture and prophylaxis. 10. Parasitic diseases. Department of Pediatric Infectious Diseases Winter 1. Rashes caused by viral infections 2. Rashes caused by bacterial infections 3. Vaccination in children 4. Respiratory tract infections in children Summer 1. Neuroinfections in children 2. HIV infection in children 3. Congenital and perinatal infections Lymphadenopathy and splenomegaly Parasitology 1. cosmopolitan parasitemias in temperate climate, 2. opportunistic parasitemias, 3. travel parasitemias, epidemiology.

Other:

TOPICS IN INFECTIOUS DISEASES TO LEARN 1. Epidemiology of infectious diseases all over the world 2. Principles of antibiotic therapy 3. Prophylaxis in infectious diseases, including Vaccination 4. Immunological mechanisms in infectious diseases 5. Differential diagnostics of fever 6. Differential diagnostics of lymphadenopathy 7. Differential diagnostics of jaundice 8. New and recurrent infectious diseases 9. CNS infections; Differential diagnostics of the central nervous system infections 10. Sepsis 11. Infections caused by Gram-positive bacteria 12. Infections caused by Gram-negative bacteria 13. Chlamydial infections 14. Tick-borne infections 15. Air-borne infections 16. Infections of the gastrointestinal tract 17. HIV/AIDS problems 18. Viral hepatitis 19. Haemorrhagic fevers and emerging diseases 20. Q fever 21. Infections caused by DNA-viruses 22. Infections caused by RNA viruses 23. Prion`s diseases 24. Tropical diseases (esp. malaria, amoebiasis, leishmaniasis, pestis, cholera, traveler`s diarrhoea) 25. Parasitic invasions (esp. clinical symptoms, diagnostics and therapy: T. spiralis, E. vermicularis, Taenia, A. lumbricoides hominis, Echinococcus, Toxocara, G. lamblia, T.gondii) 26. Mycoses (esp. Candida, Aspergillus, Cryptococcus) 27. STI 28. Covid-19: prophylaxis, clinical symptoms, diagnostics, epidemiology 29. Emerging and re-emerging diseases

Basic literature

1. Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases: 2-Volume Set 9th Edition; by John E. Bennett MD (Author), Raphael Dolin MD (Author), Martin J. Blaser MD, Elsevier 2019 2. Harrison`s Principles of Internal Medicine Twenty-First edition; Part 5: Infectious Diseases

Additional literature and other materials:

3. CDC and ECDC reports concerning certain infectious diseases 2023
 4. Infectious Diseases: A Clinical Short Course; Frederick S. Southwick; 2020

Preliminary conditions:

passed 6th semester, ability to gather anamnesis and direct physical examination, knowledge of basic symptomatology of internal diseases, medical microbiology and immunology.

Rules for granting partial grades in the subject during the semester:

For each class students have to come prepared according to the schedule, show active and ethical attitude towards the patients, colleagues and the assistants. Students will receive grades after each class according to the below-mentioned method. Students with extraordinary knowledge of the subject and the ability to associate facts and solve problems as well as showing extraordinary involvement during classes and proper ethical attitude will receive a very good (5,0) grade after the class. Knowledge and involvement at >80% level – good grade after the class. Knowledge and involvement at 50-80% level – satisfactory grade after the class. Students with lack of knowledge, no involvement during classes as well as unethical attitudes will receive a negative grade after the class which will serve as a feedback for him and will be noted in the class notebook after the class. Each absence must be made up during the normal course of classes by joining another group or by preparing presentation or a short clinical/theoretical article as self-study – after obtaining consent from the assistant.

Conditions to receive credit for the course:

Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies Classes pass based on attendance and passing of oral test after each semester with at least satisfactory note. The test consists of 3 questions, each giving max. 5 points: 15 points – very good (5,0), 14 points – ocena good plus (4,5), 12-13 points – good (4,0), 11 points – satisfactory plus (3,5), 9-10 points – satisfactory (3,0). Department of Pediatric Infectious Diseases Very Good (5.0) 96-100% of correct final test answers Good Plus (4.5) 91- 95% of correct final test answers Good (4.0) 81-90% of correct final test answers Satisfactory Plus (3.5) 71-80 % of correct final test answers Satisfactory (3.0) 60-70 % of correct final test answers Parasitology Very Good (5.0) 96-100% of correct final test answers Good Plus (4.5) 91- 95% of correct final test answers Good (4.0) 81-90% of correct final test answers Satisfactory Plus (3.5) 71-80 % of correct final test answers Satisfactory (3.0) 60-70 % of correct final test answers

Grade	Criteria for courses ending with a grade null
Very Good (5.0)	96-100% of correct answers
Good Above (4.5)	91-95%
Good (4.0)	81-90%
Satisfactory Plus (3.5)	71-80%
Satisfactory (3.0)	60-70%
Criteria for courses ending with a credit (without a grade)	
Credit	
Grade	Criteria for exam
	Criteria for final test exam (consisting of 120 questions) in the summer semester: Entry requirements for theoretical exam are attendance and passing credits all subjects components for both semesters.
Very Good (5.0)	96-100% of correct answers
Good Above (4.5)	91-95%
Good (4.0)	81-90%
Satisfactory Plus (3.5)	71-80%
Satisfactory (3.0)	60-70%

Department in charge of the course:⁵	Katedra i Klinika Chorób Zakaźnych, Chorób Wątroby i Nabytych Niedoborów Odpornościowych
Head of Department in charge of the course:	Prof. Brygida Knysz
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Coordinator of the course:	Prof. Brygida Knysz
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CONSULTATION: Detailed information pertaining to the dates and places for consultation of academic staff are provided on the university websites of the departments in which the given subjects are being conducted. Additionally the information is posted next to the department secretary.

Date of the last update	Syllabus updated by
2023-10-07	brygida.knysz@umw.edu.pl

Syllabus printout downloaded from syllabusy.umw.edu.pl

⁵In the case of coordinated courses, i.e. conducted by more than one organizational unit, this section is duplicated and completed separately by each unit assigned to conduct classes.