



Syllabus for academic year: 2021/2022 Training cycle: 2018/2019 - 2023/2024													
Description of the course													
Course	Infectious diseases							Group of detailed education results					
								Group code E	Group name Non-interventional Clinical Sciences				
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	<input checked="" type="checkbox"/> X uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	<input checked="" type="checkbox"/> X full-time <input type="checkbox"/> part-time												
Year of studies	IV						Semester:	<input checked="" type="checkbox"/> X winter <input checked="" type="checkbox"/> X summer					
Type of course	<input checked="" type="checkbox"/> X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> X English												
Number of hours													
Form of education													
	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)
Winter semester:													
Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies													
Direct (contact) education ¹					27								
Distance learning ²	15												
Department of Clinical Parasitology													
Direct (contact) education ³						3							

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



Distance learning ⁴																				
Department of Pediatric Infectious Diseases																				
Direct (contact) education ⁵					15															
Distance learning ⁶																				
Summer semester:																				
Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies (Dep. in charge of the course)																				
Direct (contact) education ⁷					15															
Distance learning ⁸																				
Department of Pediatric Infectious Diseases																				
Direct (contact) education ⁹					15															
Distance learning ¹⁰	10																			
TOTAL per year:																				
Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies (Dep. in charge of the course)																				
Direct (contact) education ¹¹					42															
Distance learning ¹²	15																			
Department of Pediatric Infectious Diseases																				
Direct (contact) education ¹³					30															
Distance learning ¹⁴	10																			
Department of Clinical Parasitology																				

³ Education conducted with direct participation of university teachers or other academics

⁴ Education with applied methods and techniques for distance learning

⁵ Education conducted with direct participation of university teachers or other academics

⁶ Education with applied methods and techniques for distance learning

⁷ Education conducted with direct participation of university teachers or other academics

⁸ Education with applied methods and techniques for distance learning

⁹ Education conducted with direct participation of university teachers or other academics

¹⁰ Education with applied methods and techniques for distance learning

¹¹ Education conducted with direct participation of university teachers or other academics

¹² Education with applied methods and techniques for distance learning

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¹⁴ Education with applied methods and techniques for distance learning



Direct (contact) education ¹⁵						3							
Distance learning ¹⁶													
<p>Educational objectives (max. 6 items)</p> <p>C1. Diagnostics and treatment of selected infectious diseases – knowledge and skills.</p> <p>C2. Knowledge of current epidemiological threats.</p> <p>C3. Planned and post-exposure prophylaxis of selected infectious diseases – basic rules.</p> <p>C4. Pathology of selected infectious diseases.</p> <p>C5. Development social competences needed to practice the medical profession, in accordance with graduate's profile.</p>													
<p>Education result for course in relation to verification methods of the intended education result and the type of class:</p>													
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 <i>*enter the abbreviation</i>						
E.W33	The student knows and understands what to do in case of confirmed infectious disease.					<p>Oral response</p> <p>Colloquium</p> <p>(student knows basic principles and knowledge, understands problems and sees connections between them)</p>	CC, CL, L						
E.W34	The student is supposed to know and understand the causes, symptoms, diagnostic and therapeutic rules as well as prophylaxis of the most common bacterial, viral, parasitic and fungal infections including pneumococcal infections, viral hepatitis, acquired immune deficiency syndrome/AIDS, sepsis and nosocomial infections.					<p>Oral response</p> <p>Colloquium</p> <p>(student knows basic principles and knowledge, understands problems and sees connections between them)</p>	CC, CL, L						
E.W39.	The student lists and describes the types of biological materials used in laboratory diagnostics and the principles of sampling for laboratory tests.					<p>Oral response</p> <p>Colloquium</p>	CC, CL, L						
E.U1	The student knows how to gather anamnesis from patients.					Oral response	CC, L						

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¹⁶ Education with applied methods and techniques for distance learning



E.U3	The student knows how to perform full and directed physical examination in patients.	Colloquium (student knows basic principles and knowledge, understands problems and sees connections between them)	
E.U16	The student knows how to plan diagnostic, therapeutic and prophylactic procedures.		
E.U26	The student knows how to plan post-exposure prophylaxis of blood-borne infections.		

* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning

Student's amount of work (balance of ECTS points): 5,5

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:	85,5
4. Number of hours of directed self-study	n/a
Total student's workload	185,5
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. Re-emerging infectious diseases.
2. Current epidemiological threats. Bioterrorism.
3. Haemorrhagic fevers and new viral diseases.
4. HTLV 1, 2, Herpes, SARS, flu infections.
5. Viral hepatitis: pathogenesis, epidemiology, clinical symptoms, treatment and prophylaxis.
6. Acute liver failure. Etiology, pathogenesis, clinical symptoms, diagnostics, conventional and unconventional modes of treatment.
7. Indications for liver transplantation.
8. Chronic hepatitis and its complications (cirrhosis, failure, neoplasms). Pathogenesis, clinical symptoms, treatment.
9. HIV/AIDS. Viral biology, natural course of infection.
10. Clinical symptoms of HIV/AIDS. Epidemiology, pathogenesis, clinical symptoms, treatment, prophylaxis.
11. Nosocomial infections and their implications. Control of hospital-acquired infections.
12. Antibiotic prophylaxis vs resistance and prophylaxis of nosocomial infections.

Department of Pediatric Infectious Diseases

1. Infectious hepatitis and other liver diseases 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

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 – differentia 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 and antibiotic therapy

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

Self-study

Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies

1. Lymphadenopathy – differentia diagnosis.
2. Staphylococcal and Streptococcal disease.
3. Tropical diseases. Travel medicine.
4. Parasitic infestations (trichinosis, taeniasis, echinococcosis, ascariasis, threadworm, lamblia, toxoplasmosis, toxocarosis).
5. Vaccination programmes.
6. Exotoxemias.
7. Fever of unknown origin (FUO).
8. Good antibiotic practices.
9. Viral infections (flue, herpes viruses, enteroviruses, HPV).
10. Zoonoses.

Basic literature (list according to importance, no more than 3 items)



1. Emma Nickerson „Infectious Diseases Crash Course”
2. Merck Manual „Infectious Diseases”
3. Harrison's Principles of Internal Medicine „Infectious Diseases”
4. Red Book (2018) Report of the Committee on Infectious Diseases, 31st Edition
5. Pink Book <https://www.cdc.gov/vaccines/pubs/pinkbook/>
6. <https://emedicine.medscape.com/>

Additional literature and other materials (no more than 3 items)

1. Sanford, JP Guide to Antimicrobial Therapy – updated yearly
2. <https://www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book#the-green-book>
3. <https://www.uptodate.com/>

Preliminary conditions: (minimum requirements to be met by the student before starting the course)
passed 6th semester, ability to gather anamnesis and direct physical examination, knowledge of basic symptomatology of internal diseases, medical microbiology and immunology.

Conditions to receive credit for the course: (specify the form and conditions of receiving credit for classes included in the course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

Attention! Attendance cannot be a condition for passing the course.

Passing classes and exams take place either in direct contact with the teacher or by means of electronic contact.

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.

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 (1 point – for 20% answer, 2 points for 40% answer, 3 points for 60% answer, 4 points for 80% answer, 5 points for 100% answer).

Grade:	Criteria for courses ending with a grade ¹⁷
Very Good (5.0)	14-15 points
Good Above (4.5)	13 points
Good (4.0)	11-12 points
Satisfactory Plus (3.5)	10 points
Satisfactory (3.0)	7-9 points

Department of Pediatric Infectious Diseases

¹⁷ The verification must cover all education results, which are realized in all form of classes within the course



> 60 % correct answers in credit test	
Very Good (5.0) 92-100% of correct final test answers	
Good Plus (4.5) 85- 91% of correct final test answers	
Good (4.0) 76-84% of correct final test answers	
Satisfactory Plus (3.5) 69-75 % of correct final test answers	
Satisfactory (3.0) 60-68 % of correct final test answers	
	Criteria for courses ending with a credit ³
Credit	NA

Grade:	Criteria for oral exam in the summer semester (3-4 questions), Entry requirements for theoretical exam are passing credits all subjects components for both semesters.
Very Good (5.0)	The student thoroughly and critically analyzes problems in question. Presents shortcomings and advantages of proposed actions. Thoroughly substantiates his decisions and can defend them.
Good Above (4.5)	The student analyzes problems and categorizes possible solutions, thoroughly interpreting his knowledge.
Good (4.0)	The student specifies the most important information, discriminates its importance and substantiates his position.
Satisfactory Plus (3.5)	The student enumerates facts, illustrates them with examples and solves simple clinical problems.
Satisfactory (3.0)	The student enumerates basic facts and explains their significance.

Department in charge of the course:	Department of Infectious Diseases, Liver Diseases and Acquired Immune Deficiencies
Department address:	ul. Koszarowa 5, Wrocław
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Person in charge for the course:	prof. dr hab. Brygida Knysz
Telephone:	71 3957549
E-Mail:	brygida.knysz@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Brygida Knysz	prof. dr hab.	Medical sciences	Head of the Clinic, MD	CC, L
Małgorzata Inglot	prof. dr hab.	Medical sciences	Lecturer	CC
Aleksandra Szymczak	dr n. med.	Medical sciences	Lecturer	CC
Bartosz Szetela	dr n. med.	Medical sciences	Lecturer	CC
Marcin Czarnecki	dr n. med.	Medical sciences	Lecturer	CC



Katarzyna Fleischer-Stępniewska	dr n. med.	Medical sciences	Lecturer	CC
Martyna Biała	doktorantka	Medical sciences	Lecturer	CC
Hubert Ciepłucha	doktorant	Medical sciences	Lecturer	CC
Paulina Bernat	doktorantka	Medical sciences	Lecturer	CC
Michał Biały	lekarz	Medical sciences	Lecturer	CC
Monika Stępień	lekarz	Medical sciences	Lecturer	CC
Maria Wesołowska	dr n. med.	Medical sciences	Lecturer	CL
Magdalena Szydłowicz	dr n. med	Medical sciences	Lecturer	CL
Leszek Szenborn	prof. dr hab.	Medical sciences	Lecturer	CC, L
Izabela Zaleska	adiunkt/ dr n. med.	Medical sciences	Lecturer	CC
Agnieszka Matkowska-Kocjan	adiunkt/ dr n. med.	Medical sciences	Lecturer	CC
Jolanta Jasonek	St.wykładowca /dr n. med.	Medical sciences	Lecturer	CC
Joanna Chruszcz	asystent/ lek. med	Medical sciences	Lecturer	CC
Alina Ciach	doktorantka	Medical sciences	Lecturer	CC
Mateusz Biela	doktorant	Medical sciences	Lecturer	CC
Wojciech Borowicz	doktorant	Medical sciences	Lecturer	CC

Date of Syllabus development

30. 06. 2021

Syllabus developed by
prof. dr hab. n. med. Małgorzata Ingot
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Dean's signature

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prof. Beata Sileszczańska, PhD

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