Załącznik nr 5 do zarządzenia nr 189/2025

COURSE SPECIFICATION

Course code: 0912-7LEK-C-ID
Course title in Polish: *Choroby zakaźne*
Course title in English: Infectious diseaes

1. Placement of the course within the study programme

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's study
1.4. Profile of study	General academic
1.5. Course specification author	Prof. dr hab. n.med. Dorota Zarębska-Michaluk, dr n.med. Krystyna Dobrowolska, Jakub Janczura
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2. Generał characteristics of the course

2.1. Language of instruction	English
2.2. Entry requirements	microbiology, immunology, pharmacology, epidemiology, rudiments of internal medicine and pediatrics.

3. Detailed characteristics of the course

3.1. Type of classes	LECTURE (L) (including e-learning), CLASSES (C) (including e-learning), PRACTICAL CLASSES (PC)
3.2. Place of course delivery	L UJK, online, C – UJK, PC hospital, online
3.3. Form of assessment	Lectures: exam (test); classes: attendance, theoretical knowledge and practical skills
3.4. Teaching methods	LECTURE (including e-learning): lecture CLASSES (including e-learning): didactic discussion PRACTICAL CLASSES: case description, practical test
3.5.a. Basic reading list	Bennett JE: Mandell, Douglas and Bennett's Infectious Diseases Essentials, Elsevier Science Publishing Co Inc. 2025
3.5.b. Supplementary reading list	Longo D, Fauci A, Kasper D, Hauser S, Jameson J, Loscalzo J, Holland S, Langford C. eds. *Harrison's Principles of Internal Medicine, 22nd Edition*. McGraw Hill; 2026. Part 5 Infectious Diseases.

4. Objectives, content and learning outcomes

4.1. Course objectives (taking into account the form of classes)

Lectures (including e-learning)

- C1 To make students familiar with the epidemiology, pathogenesis, symptoms, prevention, and basics of treating selected infectious diseases.
- infectious diseases.
- C2 To make students familiar with the principles of preventive and post-exposure management in the event of occupational exposure to blood-borne pathogens.

Classes (including e-learning)

- C1 acquiring knowledge about etiological factors and disease transmission mechanisms,

- C2 ability to identify symptoms and methods of diagnosis, learning about methods of prevention and control of infections
- C3 developing awareness of the role of patients and medical staff in preventing the spread of pathogens

Practical Classes:

- C1 Practical learning about the clinical symptoms of infectious diseases.
- C2 Practicing the skills of differential diagnosis of infectious diseases, learning about the rules for collecting test samples, and the basics of antiviral and antibacterial therapy.

4.2. Course content (taking into count the form of classes)

Lectures

Lecture (including e-learning)

1. HIV/AIDS – e-learning
2. Viral hepatitis part 1 – e-learning
3. Viral hepatitis – part 2 – e-learning
4. Post-exposure prophylaxis (HBV, HCV, HIV), antivaccination movements – e-learning
5. Rash diseases – e-learning
6. Vaccination calendar. Infections during pregnancy. – e-learning
7. Acute Infectious Diarrheal Diseases
8. Parasitic diseases.
9. Neuroinfections. Borreliosis and other tick-borne diseases
10. Tropical diseases.

Classes (including e-learning)

1. Differential diagnosis, diagnostics, clinical presentation, treatment of respiratory tract diseases.
2. Differential diagnosis, diagnostics, clinical presentation, treatment of bacterial infections.
3. Differential diagnosis, diagnostics, clinical presentation, treatment of diarrhea.
4. Differential diagnosis, diagnostics, clinical presentation, treatment of viral hepatitis
5. Seminar presentations on selected infectious diseases.

Practical Classes:

1. Respiratory tract infections – influenza, RSV, COVID-19
2. Viral hepatitis
3. Occupational post-exposure prophylaxis – HBV, HCV, HIV
4. Post-exposure prophylaxis – tetanus, rabies
5. Rash diseases
6. Neuroinfections
7. Tick-borne diseases
8. Infectious diarrhea
9. Differentiation of jaundice

10. Diagnosis of fever
11. Parasitic diseases

4.3. Course learning outcomes

Course learning outcomes (code)	Upon completion of the course, the student	Alignment with programme learning outcomes
	in the area of knowledge knows and understands:	
W01	environmental and epidemiological conditions for the most common diseases;	E.W1.
W02	basic problems concerning prevention and the rules of conduct in case of occupational exposure to dangerous and harmful conditions;	E.W32.
W03	the rules of conduct in contagious disease diagnosis;	E.W33.
W04	the causes, symptoms, diagnosis and principles of therapeutic procedures in most common bacterial, viral and parasitic diseases, fungal infections, including pneumococcal infections, viral hepatitis, acquired immunodeficiency (AIDS), sepsis and hospital infections;	E.W34.
W05	the epidemiology of infectious and chronic diseases, how to prevent them from occurring in various stages of the natural history of the disease and the role of epidemiological surveillance;	G.W3.
	in the area of skills knows how to:	
U01	Demonstrate responsibility for improving one's qualifications and sharing knowledge with others;	D.U4.
U02	Develop and refine self-awareness, the ability for self-reflection, and self-care, and contemplate with others one's own communication and behavior;	D.U7.
	perform differential diagnosis of the most common diseases in adults and children.	E.U12.
U02	assess and describe the somatic and mental state of patients;	E.U13.
U03	recognize states of a direct threat to life;	E.U14.
U04	plan diagnostic, therapeutic and preventive procedures;	E.U16.
U05	conduct analysis of the potential side effects of each drug and the interaction between them;	E.U17.
U06	qualify the patient for home treatment and hospitalization;	E.U20.
U07	recognize states in which functional status of the patient's or his/her preferences restrict the treatment in accordance with specific guidelines for the disease;	E.U21.
U08	interpret laboratory test results and identify the reasons for deviations.	E.U24.
U09	plan treatment in the case of exposure to infection transmitted through blood;	E.U26.
U10	assist when the following procedures and medical treatments are performed: 1) transfusions of blood and blood products, 2) puncture of the peritoneal cavity, 3) lumbar puncture, 4) needle biopsy	E.U30.
U11	plan specialist consultations;	E.U32.
U12	comply with the aseptic and antiseptic rules;	F.U3.
U13	Demonstrate responsibility for improving one's qualifications and sharing knowledge with others;	D.U4.
U14	Develop and refine self-awareness, the ability for self-reflection, and self-care, and contemplate with others one's own communication and behavior;	D.U7.
	in the area of social competences is able to:	
K01	establish and maintain deep and respectful contact with the patient and show understanding towards ideological and cultural differences;	H.S1.
K02	do what is right for the patient;	H.S2.

K03	respect medical confidentiality and patient's rights;	H.S3.
K04	take actions concerning the patient on the basis of ethical principles, being aware of social conditions and restrictions resulting from illness;	H.S4.
K05	recognize his/her own limitations and self-evaluate educational deficiencies and needs;	H.S5.
K06	promote healthy lifestyle;	H.S6.
K07	use reliable information sources;	H.S7.
K08	conclude on the basis of own surveys and observations;	H.S8.
K09	introduce rules of social conduct and teamwork to the group of specialists, including specialists form other medical professions also in the multicultural and multinational environment;	H.S9.
K10	give opinions concerning various aspects of professional activity;	H.S10.
K11	take responsibility for own decisions made during professional activities including own safety and safety of other people;	H.S11.

4.4. Assessment methods for learning outcomes

Assessment method (+/-)

Course learning outcomes (code)	Oral/written/ practical examinaion /other (specify)*	Test*	Project*	In-class activity*	Independent study*	Group work*	Other (specify)*

Type of classes

1: / 2:	L	S	…	L	S	…	L	S	…	L	S	…	L	S	…	L	S	…	L	S	…
W01-W05	+				+						+			+							
U01 – U14					+						+			+							
K01-K11					+						+			+							

Annotation. 1: form of classes; 2: learning outcomes

4.5. Assessment criteria for learning outcomes

Type of classes:

LECTURE (L) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	61-68% The student attends all lectures, has sufficient knowledge of the symptoms of infectious diseases, collects medical history and examines patients
3,5	69-76% The student attends all lectures, has sufficient knowledge of the basic symptoms of infectious diseases, collects medical history and examines patients, plans diagnostics and therapy. Knows the principles of infectious disease prevention.
4,0	77-84% The student attends all lectures, has a good knowledge of the pathogenesis and symptoms of infectious diseases, collects medical history and examines patients, performs differential diagnosis, and plans therapies. Has a good knowledge of the principles of infectious disease prevention.
4,5	85-92% The student attends all lectures, has a very good knowledge of the etiology, pathogenesis, and symptoms of infectious diseases, collects medical history and examines patients, performs differential diagnosis, and plans treatment. Has a very good knowledge of the principles of infectious disease prevention. Has good interpersonal skills with patients and staff.
5,0	93-100% The student attends all lectures, has an excellent knowledge of the etiology, pathogenesis, and symptoms of infectious diseases, collects medical history and examines patients, performs differential diagnosis, and plans treatment. Has an excellent knowledge of the principles of infectious disease prevention. Has very good interpersonal skills with patients and staff.

Type of classes:

SEMINAR (S) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	61-68% The student attends all classes, has sufficient knowledge of the symptoms of infectious diseases, collects medical history, and examines patients.
3,5	69-76% The student attends all classes, has sufficient knowledge of the symptoms of infectious diseases, collects medical history and examines patients, plans diagnostics and therapy.
4,0	77-84% The student attends all classes, has a good knowledge of the pathogenesis and symptoms of infectious diseases, collects medical history and examines patients, plans diagnostics, performs differential diagnostics, and plans therapy.
4,5	85-92% The student attends all classes, has a good knowledge of the pathogenesis and symptoms of infectious diseases, collects medical history and examines patients, plans diagnostics, performs differential diagnostics, and plans therapy. Has good contact with patients and staff.
5,0	93-100% The student attends all classes, has a very good knowledge of the pathogenesis and symptoms of infectious diseases, collects medical history and examines patients, plans diagnostics, performs differential diagnostics, and plans therapy. Has very good contact with patients and staff.

Type of classes:

OTHER (...) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	61-68% The student attends all classes, is familiar with the basics of epidemiology and the symptoms of infectious diseases, collects medical histories, and examines patients.
3,5	69-76% The student attends all classes, is familiar with the basics of epidemiology and the symptoms of infectious diseases, collects medical history and examines patients, and is able to propose a diagnosis.
4,0	77-84% The student attends all classes, is well familiar with the epidemiology and symptomatology of infectious diseases, collects medical history and examines patients, is able to propose diagnostics and plan therapy, and is familiar with methods of prevention. Has good contact with staff and patients.
4,5	85-92% The student attends all classes, has a very good understanding of the epidemiology and symptomatology of infectious diseases, collects medical history and examines patients, is able to propose diagnostics, perform differential diagnostics, and plan therapy. Is familiar with methods of prevention. Has good contact with patients and staff.
5,0	93-100% The student attends all classes, has an excellent understanding of the epidemiology and symptomatology of infectious diseases, collects medical history and examines patients, is able to propose diagnostics, perform differential diagnostics, and plan therapy. Is familiar with methods of prevention and has a very good contact with patients and staff.

5. ECTS credit allocation – student workload

Category	Student workload (full-time mode)
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER (CONTACT HOURS)	**50**

Participation in lectures*	8
Participation in seminars/laboratories*	27
Other (specify) e.g. classes conducted with the use of distance learning methods and techniques*	15
INDEPENDENT STUDY (NON-CONTACT HOURS)	**25**
Preparation for lectures*	15
Preparation for seminars/laboratories*	10
Preparation for examination/test*	
Gathering materials for project, online research*	
Preparation of a multimedia presentation*	
Other (specify)*	
TOTAL HOURS	**75**
ECTS CREDITS for the course	**3**

*** delete as appropriate**

Approved for implementation (date and legible signatures of course instructors in the given academic year):

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