

**Course syllabus – part A**
Infectious Disease**48SJ-INFD****ECTS: 4.00****CYCLE: 2023Z****SUBJECT MATTER CONTENT****LECTURE**

1. Legislation on infectious diseases, epidemics and occupational diseases with infectious and invasive aetiology. 2. Infectious diseases in pregnancy. 3. HIV infections/AIDS. 4. Fevers of unknown aetiology, fevers in individuals returning from tropical regions and selected tropical diseases. 5. Tick-borne diseases. 6. Rabies, tetanus, diphtheria and botulism in the infectious disease specialist's practice. 7. Viral hepatitis – diagnostics, clinic and treatment. 8. Diagnostics of jaundice, liver cirrhosis and liver failure. 9. Neuroinfections. 10. Preventing blood-borne infections in healthcare professionals.

SEMINAR

1. Infectious diseases of the gastrointestinal tract/food poisonings, dysentery, Campylobacter, Clostridium difficile. 2. Parasitic infestations encountered in Poland. 3. Rash diseases and skin infections/erysipelas, anthrax, gas gangrene, erysipeloid, tonsillitis with diphtheria, chickenpox and hemiplegia, herpes, rubella, smallpox. 4. Sepsis. 5. Hospital-acquired infections. 6. Immunoprophylaxis of tetany and rabies. 7. Bioterrorism. 8. HIV+ patient management standards. 9. Travel medicine. 10. Selected haemorrhagic fevers.

CLASSES

Practical application of the knowledge acquired at lectures and seminars in the Infectious Disease Clinic as well as in the Retrovirus Clinic and in the Infectious Disease Ward.

TEACHING OBJECTIVE

to acquire knowledge of epidemiology, diagnosis, treatment and prophylaxis of infections and parasitic diseases, including viral infections, HIV infections and related opportunistic infections, and neuroinfections, tropical and animal-borne diseases. Recognising, diagnosing and treatment of infectious diseases.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:**Symbols for outcomes related to the discipline:**

M/NMA_P7S_UW+++ , M/NMA_P7S_WG+++

Symbols for outcomes related to the field of study:

K.3.+ , KA7_UU6+++ , C.W18.+ , G.W3.+ , E.W34.+ , K.2.+ , KA7_UU8++ , K.1.+ , E.W1.+ , KA7_UU1+ , C.W16.+ , C.W17.+ , K.4.+ , G.W12.+ , KA7_UK5+ , KA7_UW8+ , C.W20.+

LEARNING OUTCOMES:**Knowledge:**

Legal acts specifying learning outcomes:
3112022
Disciplines: medical sciences
Status of the course: Obligatoryjny
Group of courses: B - przedmioty kierunkowe
Code: ISCED 0912
Field of study: Medicine
Scope of education:
Profile of education: General academic
Form of studies: full-time
Level of studies: uniform master's studies
Year/semester: 4/7

Types of classes: Lecture, Seminar, Classes
Number of hours in semester: Lecture: 20.00, Seminar: 10.00, Classes: 40.00
Language of instruction: English
Introductory subject: microbiology, virology, immunology, internal diseases
Prerequisites: knowledge of physiology and pathophysiology of diseases with infectious aetiology

Name of the organisational unit conducting the course: Katedra Medycyny Rodzinnej i Chorób Zakaźnych
Person responsible for the realization of the course: dr n. med. Piotr Kocbach
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Additional remarks:

W1 – forms or development stages of selected parasitic fungi, protozoan, helminths and arthropods that are invasive to humans, considering the geographic range of their occurrence;

W2 – the principle of the parasite-host system functioning and the main disease symptoms caused by parasites

W3 – symptoms of iatrogenic infections, routes of spread and the pathogens which cause changes in different organs;

W4 – basic disinfection, sterilisation and aseptic procedures;

W5 – environmental and epidemiological factors which affect the most common diseases;

W6 – causes, symptoms, rules of diagnostic and therapeutic procedures as well as prophylaxis in the most common bacterial, viral, parasitic and fungal diseases, including infections caused by pneumococci, viral hepatitis, AIDS, sepsis and hospital-acquired infections;

W7 – epidemiology of infectious and chronic diseases, methods of preventing them at different stages of their natural history and the role of epidemiological supervision;

W8 – the concept of a violent and sudden death, as well as the differences between trauma and injury;

Skills:

U1 – takes the medical history of an adult patient

U2 – conducts a full and purposeful physical examination of an adult patient;

U3 – interprets laboratory test results and identifies causes of deviations from the normal levels;

U4 – plans a procedure in the case of exposure to a blood-borne infection;

U5 – qualifies a patient for vaccination;

U6 – applies dietary treatment;

U7 – prepares a written and oral report on the patient's condition and on the medical and rescue measures applied, submits a report to the supervisor and an interdisciplinary team;

U8 – assists in performing thin- and thick-needle biopsy;

Social competence:

K1 – establishes and maintains a deep and respectful contact with a patient and shows understanding for differences regarding the outlook of the world and culture

K2 – acts for the good of the patient

K3 – observes medical confidentiality and the patient's rights,

K4 – takes measures with respect to a patient based on ethical principles while being aware of the social factors and limitations arising from the disease;

TEACHING FORMS AND METHODS:

Lecture(W1;W2;W3;W4;W5;W6;W7;W8;):lecture

Classes(W1;W2;W3;W4;W5;W6;W7;W8;U1;U2;U3;U4;U5;U6;U7;U8;K1;K2;K3;K4;):classes

Seminar(W4;W5;W7;):seminar

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Written exam) - written or oral exam -

Seminar (Oral test) - attending all seminars -

Classes (Colloquium practical) - covering taking a medical history, physical examination, evaluation of laboratory test results, imaging examination results, other additional examinations, differential diagnosis, proposing further diagnostic and therapeutic measures; attending all classes -

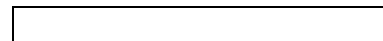
BASIC LITERATURE:

1. Dziubek Z., *Choroby zakaźne i pasożytnicze*, Wyd. Wydawnictwo Lekarskie PZWL, R. 2012

2. Boroń-Kaczmarek A., Wiercińska-Drapała A., *Choroby zakaźne i pasożytnicze*, Wyd. Wydawnictwo Lekarskie PZWL, R. 2019

3. Spec A., Escota C., Chrisler C., Davies B., *Comprehensive Review of Infectious Diseases*, Wyd. Elsevier - Health Sciences Division, R. 2019

SUPPLEMENTARY LITERATURE:



Detailed description of ECTS credits awarded - part B

48SJ-INFD

ECTS: 4.00

CYCLE: 2023Z

Infectious Disease

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Lecture	20.0 h
- participation in: Seminar	10.0 h
- participation in: Classes	40.0 h
- consultation	5.0
Total:	75.0 h.

2. Independent work of a student:

preparing for the examination, practical training and for the practical test	25.00 h
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Total: 25.0 h

contact hours + independent work of a student Total: 100.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = $100.0 \text{ h} : 25.0 \text{ h/ECTS} = 4.00$ ECTS on average:
4.0 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: