



48SJ-INF D
ECTS: 4.50
CYCLE: 2022L

Course syllabus - part A Infectious Disease

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_KR+++ , M/NMA_P7S_WG+++ ,
M/NMA_P7S_UW+++ , M/NM+++ ,
M/NMA_P7S_KO+++

**Symbols for outcomes
related to the field of study:**

KA7_UK5+ , G.U2.+ , K.2.+ , M/NM_C.W16.+ ,
E.U1.+ , K.4.+ , M/NM_C.W17.+ , E.U24.+ ,
M/NM_E.W34.+ , KA7_UW8+ , G.U3.+ , E.U38.+ ,
M/NM_G.W12.+ , E.U3.+ , KA7_UU1+ ,

**Legal acts specifying
learning outcomes:**
672/2020

Disciplines: medical sciences

Status of the

course: Obligatory

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: 4/8

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:

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

e-mail:

piotr.kocbach@uwm.edu.pl

Additional remarks:

LEARNING OUTCOMES:

Knowledge:

W1 - the forms or developmental stages of selected parasitic fungi, protozoa, helminths, and arthropods invasive for humans, in recognition of their geographic limits

W2 - the working principle of the parasite-host relationship and the symptoms of parasite-induced diseases

W3 - the symptoms of iatrogenic infections, the routes of infections spreading, and the pathogens causing changes in individual organs

W4 - the basics of disinfection, sterilisation, and aseptic procedure

W5 - environmental and epidemiological conditions of the most frequent diseases

W6 - the causes, symptoms, rules of diagnostics, therapeutic and prevention procedures in most popular bacterial, viral, parasitic diseases and mycoses, including pneumococcal infections, hepatitis, acquired immune deficiency syndrome (AIDS), sepsis, and nosocomial infections

W7 - epidemiology of contagious and chronic diseases, the methods of preventing them at different stages in the natural history of the disease, and the role of epidemiological supervision

W8 - the notion of violent death and sudden death, and the differences between injury and damage

Skills:

U1 - take medical interview with an adult patient

U2 - conduct complete and targeted physical examination of an adult patient;

U3 - interpret the results of laboratory tests and identify the causes of deviations from the norm

U4 - plan the procedure in case of exposition to blood transmitted infections

U5 - qualify the patient for vaccinations

U6 - keep the patient's medical records

U7 - accumulate information on the presence of infectious and chronic disease risk factors, and plan preventive actions at different prevention levels

U8 - interpret the measures of frequency of diseases and disabilities

U9 - assess the epidemiological situation with respect to the diseases common in the Republic of Poland and in the world

U10 - applies dietary treatment

U11 - 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

U12 - 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;U9;U10;U11;U12;K1;K2;K3;K4;):practical classes

Seminar(W4;W5;W7;):seminar

FORM AND CONDITIONS OF VERIFYING LEARNING

OUTCOMES:

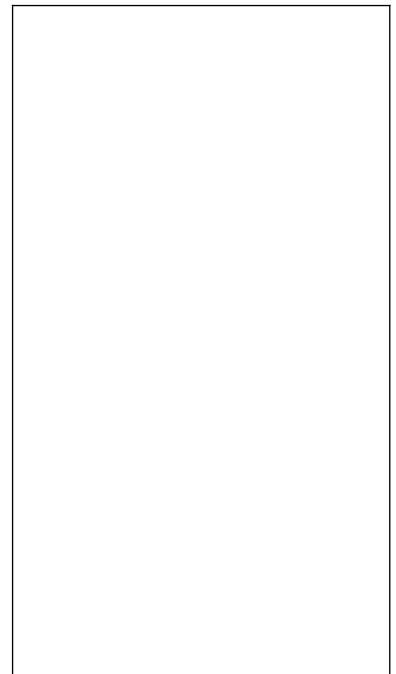
Seminar: Oral test - attending all seminars
(W1;W2;W3;W4;W5;W6;W7;W8;U1;U2;U3;U4;U5;U6;U7;U8;U9;U10;U11;
U12;K1;K2;K3;K4;);

Lecture: Written exam - written or oral exam
(W1;W2;W3;W5;W6;W7;W8;);

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
(W1;W2;W3;W4;W5;W6;W7;W8;U1;U2;U3;U4;U5;U6;U7;U8;U9;U10;U11;
U12;K1;K2;K3;K4;);

BASIC LITERATURE:

SUPPLEMENTARY LITERATURE:



Detailed description of ECTS credits awarded - part B

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CYCLE: 2022L

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	37.50 h
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Total: 37.5 h

contact hours + independent work of a student Total: 112.5 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = $112.5 \text{ h} : 25.0 \text{ h/ECTS} = 4.50$ ECTS on average: 4.5 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: