



UNIwersYTET  
Andrzeja Frycza Modrzewskiego  
w Krakowie

## Collegium Medicum Faculty of Medicine

### SUBJECT CARD

Field of studies: Medicine  
Form of studies: Full-time course  
Degree: long-cycle Master's program  
Specializations: No specialization  
Academic year: 2024/2025

INFECTIOUS DISEASES	
<b>SUBJECT NAME</b>	Infectious diseases
<b>NUMBER OF ECTS POINTS:</b>	4
<b>LANGUAGE OF INSTRUCTION</b>	english
<b>TEACHER(S)</b>	Lidia Stopyra, MD, PhD Katarzyna Turek-Fornelska, MD Katarzyna Niedrygas MD Agnieszka Juranek MD Julia Ostrowska MP Piotr Meryk MD. Karolina Lukasz MD. Emilia Zegan MD
<b>PERSON RESPONSIBLE</b>	Lidia Stopyra, MD, PhD
NUMBER OF HOURS:	
<b>LECTURES:</b>	20 h
<b>CLASSES:</b>	30 h
<b>SEMINARS:</b>	10 h
GENERAL OBJECTIVES	

## INFECTIOUS DISEASES

<b>OBJECTIVE 1:</b>	The purpose of the subject is to teach students how to recognize and treat infectious diseases.
<b>OBJECTIVE 2:</b>	The next purpose is an education program in infectious diseases prevention.

## LEARNING OUTCOMES

<b>MK1</b>	Knowledge: Student acquires an advanced understanding of the etiology, pathogenesis, diagnosis, and therapy of patients with the infectious diseases.
<b>MK2</b>	Knowledge: Student acquires an advanced understanding of anti-infective therapy
<b>MK3</b>	Knowledge: Student acquires an advanced understanding of the etiology, pathogenesis, diagnosis and therapy of virus infections and associated opportunistic infections in patients with immunodeficiency.
<b>MS1:</b>	Skills: Student is able to take a medical history from the adult patient with an emphasis on the epidemiological data.
<b>MS2:</b>	Skills: Student is able to carry out the full physical examination and to keep patients' medical report.
<b>MS3:</b>	Skills: Student is able to plans diagnosis and treatment in case of exposure to different microorganisms.
<b>MC1:</b>	Social Competences: Student accepts ethical standard requirements as well as understands and accepts patient's rights.

## INTRODUCTORY REQUIREMENTS

[1] Basic anatomy and physiology. 2. Basic pathology and pathophysiology.  
 [2] Microbiology and antimicrobials. 4. Laboratory techniques (ELISA, Western blotting, PCR, sequencing, etc.).

COURSE PROGRAM	DESCRIPTION
<b>LECTURE 1:</b>	Epidemiology of infectious disease.
<b>LECTURE 2:</b>	Bacterial infections
<b>LECTURE 3:</b>	Viral infections.
<b>LECTURE 4:</b>	Fungal and parazotic infections.
<b>LECTURE 5:</b>	HIV/AIDS

<b>INFECTIOUS DISEASES</b>	
<b>LECTURE 6:</b>	Hepatitis.
<b>LECTURE 7:</b>	Neuroinfections.
<b>LECTURE 8:</b>	Sepsis
<b>LECTURE 9:</b>	Tropical diseases
<b>LECTURE 10:</b>	Prophylaxis of infectious diseases.
<b>CLASS 1</b>	Differential diagnosis of leukocytosis, lymphocytosis, eosinophilia.
<b>CLASS 2</b>	Assessment of the patient with jaundice and/or abnormal liver function tests.
<b>CLASS 3</b>	Clinical assessment of the patient with vomiting/diarrhea – when to hospitalize, when to give antibiotics, risk of complications.
<b>CLASS 4</b>	Assessment of a HIV(+) patient: counseling before and after testing, medical and epidemiological history, clinical examination, interpretation of the common laboratory abnormalities, AIDS defining comorbidities; social support . COVID 19 pandemic.
<b>CLASS 5</b>	Practical antibiotic therapy – counseling in the admission room and in the outpatient department (when, which antibiotic, how long, dosing).
<b>SEMINAR 1</b>	Diagnosis in infectious diseases
<b>SEMINAR 2</b>	Vaccination
<b>SEMINAR 3</b>	Hospital infections.
<b>SEMINAR 4</b>	Sudden conditions in infectious diseases
<b>SEMINAR 5</b>	Post exposure prophylaxis.
<b>DIDACTIC METHODS (APPLIED)</b>	<b>DESCRIPTION</b>
	Lectures Discussions during seminars Practical classes

## INFECTIOUS DISEASES

### STUDENTS WORKLOAD:

<b>CONTACT HOURS WITH THE ACADEMIC TEACHER</b>	60 h
<b>HOURS WITHOUT THE PARTICIPATION OF THE ACADEMIC TEACHER</b>	Preparation for classes: 20 hours Preparation of the medical history: 10 hours Preparation for the exam: 30 hours
<b>TOTAL NUMBER OF HOURS FOR THE COURSE</b>	120 h

### CONDITIONS FOR COURSE COMPLETION

1. Attendance at all lectures, classes and seminars is obligatory;
2. A single, justified absence must be compensated;
3. More than one absence at classes and/or seminars causes the need to repeat the whole course;
4. Preparation for seminars and classes;
5. Writing and presenting the short medical history at the end of the practical training;
6. Passing the final exam in infectious disease.

### METHODS OF ASSESSMENT:

<b>IN TERMS OF KNOWLEDGE:</b>	Oral assessment during practical seminars and classes
<b>IN TERMS OF SKILLS:</b>	Observation of students' performance, evaluation of the presented medical history
<b>IN TERMS OF SOCIAL COMPETENCE:</b>	Observation of students' behaviour in the group
<b>FORMATIVE:</b>	Current assessment in classes and seminars
<b>SUMMATIVE (I &amp; II)</b>	I term: Test exam – multi choice; 60 questions II term: Oral examination – 4 questions.

### GRADING SCALE

3,0 (Satisfactory)	55 - 63%
3,5 (Satisfactory plus)	64 – 72%
4,0 (Good)	73- 81%
4,5 (Good plus)	82- 90%

## INFECTIOUS DISEASES

5,0 (Very Good)

>91%

## BASIC LITERATURE

Harrison's Infectious diseases. D.L.Kasper, A.S.Fauci, 3 rd Edition