

M3: CLINICAL MICROBIOLOGY

ACADEMIC YEAR 2024–25

Study programme: Syngle-cycle master degree programme Medicine

Course details: Compulsory, 3rd year, winter semester; 30 Lect / 30 Sem / 30 Pract; 6 ECTS

Prof. Alojz Ihan, Prof. Miroslav Petrovec, Prof. Katja Seme, Prof. Eva Ružič Sabljic, Assoc. Prof. Tadeja

Lecturers: Matos, Asst. Prof. Mateja Pirš, Asst. Prof. Polona Maver Vodičar

Course coordinator: [Asst. Prof. Polona Maver Vodičar](#)

E-Classroom coordinat [Tch. Asst. Urška Glinšek Biškup](#)

Department: [Department of Microbiology and Immunology UL MF](#)

Lectures at: Large Lecture Hall MF [MF Teaching Venues](#)

Practicals at: Practice Rooms IMI

Topic in E-Classroom	Date	Time	Topics	Lecturer
BACTERIOLOGY 1	2.10.2024	15:15	Introduction to Microbiology, Course Regimen, Study Literature	A. Ihan
		16:15	Dangers and Benefits of the Microbial World; Normal Flora	D. Keše
		17:15	Bacterial Cell: Structure, Reproduction, Genetics, Metabolism	E. Ružič Sabljic
	8–9 Oct 2024		1st PRACTICAL: BACTERIOLOGY 1	
BACTERIOLOGY 2	9.10.2024	15:15	Pathogenesis and Diagnosis of Bacterial Infections	E. Ružič Sabljic
		16:15	Antibiotic Groups and Their Mechanisms of Action	K. Seme
		17:15	Development of Antibiotic Resistance	K. Seme
	15–16 Oct 2024		1st PRACTICAL: BACTERIOLOGY 1	
BACTERIOLOGY 3	16.10.2024	15:15	Pathogens, Gram-Positive Cocci: Types of Infections, Identification, Epidemiology, Taxonomy	K. Seme
		16:15	Pathogens, Gram-Negative Cocci: Types of Infections, Identification, Epidemiology, Taxonomy	V. Križan Hergouth
		17:15	Enterobacteria and Non-Fermentative Gram-Negative Bacteria	M. Pirš
	22–23 Oct 2024		2nd PRACTICAL: BACTERIOLOGY 2	
BACTERIOLOGY 4	23.10.2024	15:15	Haemophili, Bordetellae.	K. Seme
		16:15	Non-Spore-Forming Gram-Positive Bacilli - Corynebacteria, Listeria, Nocardia.	K. Seme
		17:15	Spore-Forming Aerobic and Anaerobic Bacteria	P. Maver Vodičar
	29–30 Oct 2024		2nd PRACTICAL: BACTERIOLOGY 2	
BACTERIOLOGY 5	30.10.2024	15:15	Mycobacteria	D. Keše
		16:15	Chlamydiae, Legionellae, Mycoplasmas	D. Keše
		17:15	Helicobacter, Vibrio, Campylobacter	M. Pirš
	5–6 Nov 2024		3rd PRACTICAL: BACTERIOLOGY 3	
BACTERIOLOGY 6	6.11.2024	15:15	Leptospirae, Borreliae.	E. Ružič Sabljic
		16:15	Treponemas.	E. Ružič Sabljic
		17:15	Coxiella, Rickettsia, Ehrlichia	M. Korva
	12–13 Nov 2024		3rd PRACTICAL: BACTERIOLOGY 3	
MYCOLOGY 7	13.11.2024	15:15	Characteristics of Fungi, Reproduction, Transformation, Antifungals.	T. Matos
		16:15	Causes of Systemic Mycoses	T. Matos
		17:15	Causes of Superficial Mycoses	T. Matos
	19–20 Nov 2024		4th PRACTICAL: MYCOLOGY AND PARASITOLOGY	
PARASITOLOGY 8	20.11.2024	15:15	Flagellates (Giardia, Trichomonas, Leishmania, Trypanosoma).	B. Šoba Šparl
		16:15	Amoebae, Apicomplexa, Plasmodium	B. Šoba Šparl
		17:15	Nematodes and Tapeworms	B. Šoba Šparl
	26–27 Nov 2024		4th PRACTICAL: MYCOLOGY AND PARASITOLOGY	
PARASITOLOGY 9 VIROLOGY 9	27.11.2024	15:15	Arthropods (Ticks, Lice, Mosquitoes, Flies, Fleas)	B. Šoba Šparl
		16:15	Structure, Properties, and Reproduction of Viruses. Pathogenesis of Viral Infections.	M. Petrovec
		17:15	Viral Zoonoses	M. Korva
	3–4 Dec 2024		5th PRACTICAL: VIROLOGY	
VIROLOGY 10	4.12.2024	15:15	Caliciviruses, Reoviruses.	T. Triglav
		16:15	Papillomaviruses, Polyomaviruses	T. Triglav
		17:15	Herpesviruses	M. Petrovec
	10–11 Dec 2024		5th PRACTICAL: VIROLOGY	
VIROLOGY 11	11.12.2024	15:15	Hepatitis-causing viruses	P. Maver Vodičar
		16:15	Hepatitis-causing viruses	P. Maver Vodičar
		17:15	Retroviruses	P. Maver Vodičar
VIROLOGY 12	18.12.2024	15:15	Adenoviruses, Parvoviruses	M. Petrovec
		16:15	Orthomyxoviruses and Paramyxoviruses	M. Petrovec
		17:15	Picornaviruses	M. Petrovec
	20-21 Jan 2025 8:00-15:00		Practical exam	
	27.01.2025 09:00		Practical exam	