

DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY/ Faculty of Medicine, University of Banja Luka

School year	Subject	Subject code	Study Program	Cycle Studies	Year of Study	Semester	Number of students	Number of exercise groups
2024/2025.	Pharmacology and toxicology		Medicine	Integrated study	Third year	V + VI (3+2)		

LECTURE PLAN AND SCHEDULE

Week	Lesson	Subject	Day	Date	Time	Place	Hours	Lecturer
I	L1	Introduction to pharmacology( definitions, routs of drug administration, origine of drugs,drug nomenclature,drug compendia)	Tuesday	15.10.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Natasa Stojakovic M.D.
II	L2	Pharmacokinetics( membrane transport, absorption, distribution of drugs, metabolism, excretion , kinetics of elimination)	Tuesday	22.10.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Ranko Škrbić M.D. Prof. Natasa Stojakovic M.D.
III	L3	The effect of drugs on organism ( mechanisam of drug action, receptor pharmacology, factors modifying drug action, evidence based medicine, clinical trials, adverse effects)	Tuesday	29.10.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Ranko Škrbić M.D. Prof. Natasa Stojakovic M.D.
IV	L4	Pharmacology of the autonomic nervous system (ANS) I (cholinergic transmission and cholinergic drugs, anti cholinergic drugs and drugs acting on autonomic ganglia)	Tuesday	05.11.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Milos Stojiljkovic M.D. Prof. Ranko Škrbić M.D. Prof. Natasa Stojakovic M.D.
V	L5	Pharmacology of the ANS II (adrenergic transmission and adrenergic drugs, antadrenergic drugs and drugs for glaucoma, autacoids- histamine, 5-HT, , prostaglandines, leukotriens, PAF, kinins, endohtelins)	Tuesday	12.11.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Ranko Škrbić M.D. Prof. Milos Stojiljkovic M.D. Prof. Natasa Stojakovic M.D.
VI	L6	CNS pharmacology I ( General anesthetics, , local anesthetics, sceletal muscle relaxants,, ethyl and methyl alcohols, analgetics-NSAIL and opiod, sedative-hypnotics)	Tuesday	19.11.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Natasa Stojakovic M.D.
VII	L7	CNS pharmacology II,antiepileptic drugs, antiparkinsonic drugs, antpsyhotic and antimanic drugs,antidepressant and antianxiety drugs, CNS stimulants)	Tuesday	26.11.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Natasa Stojakovic M.D.
VIII	L8	Antibiotics I (Basic principles of antimicrobial therapy, sulfonamides, quinolones,beta lactam, tetracyclines, choramphenicol)	Tuesday	3.12.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Milos Stojiljkovic M.D. Prof. Natasa Stojakovic M.D.

IX	L9	Antibiotics II (aminoglycoside, macrolide, lincosamide, glycopeptide, oxazolidinones, polypeptides, lipopeptide, urinary antiseptics, antitubercular drugs, antileprotic drugs)	Tuesday	10.12.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Milos Stojilkovic M.D. Prof. Natasa Stojakovic M.D.
X	L10	Antiviral, antifungal medicines, antimalarial, antamebic, antiprotozoal, anthelmintics	Tuesday	17.12.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	Prof. Natasa Stojakovic M.D.
XI	L11	Colloquium I	Tuesday	24.12.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	
XII	L12	Colloquium I-remedial	Tuesday	31.12.2024.	14.00-16.15	Plava sala of the Faculty of Medicine	3	
XIII	L13	Seminars (reimbursement absences)	Tuesday	14.1.2025.	14.00-16.15	Plava sala of the Faculty of Medicine	3	
XIV	L14	Certification of the semester	Tuesday	In agreement with prof.	14.00-16.15	Plava sala of the Faculty of Medicine	3	
XV	L15		Tuesday	In agreement with prof.	14.00-16.15	Plava sala of the Faculty of Medicine	3	

#### EXERCISES PLAN AND SCHEDULE

Week	Lesson	Subject	Day	Date	Time	Place	Hours	Lecturer
I	E1	Introduction to exercises in Pharmacology and toxicology	Monday	14.10.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
II	E2	Classification of drugs	Monday	21.10.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
III	E3	Pharmacokinetics, part I	Monday	28.10.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
IV	E4	Pharmacokinetics, part II	Monday	04.11.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
V	E5	Dosage of medicines in children	Monday	11.11.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
VI	E6	Adverse drug reactions	Monday	18.11.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović

VII	E7	Medicines in pregnancy	Monday	25.11.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
VIII	E8	Medicines during breastfeeding	Monday	02.12.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
IX	E9	Mushroom poisoning	Monday	09.12.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
X	E10	Forms of medicines	Monday	16.12.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
XI	E11	Pharmacography	Monday	23.12.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
XII	E12	Seminar - Vitamins as medicines	Monday	30.12.2024.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
XIII	E13	Collocating exercises	Monday	13.01.2025.	15.15-16.45	Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
XIV	E14	Certification of the semester		In agreement with assis.		Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović
XV	E15	Certification of the semester		In agreement with assis.		Stari Dekanat, Faculty of Medicine	2	Milica Gajić Bojić Žana Maksimović