



UNIVERSITY OF BANJA LUKA
FACULTY OF MEDICINE
Department of Medical Biochemistry



School year	Subject	Subject code	Study program	Study cycle	Year of studies	Semester	Number of students	Number of groups
2024/2025	Medical biochemistry and chemistry		Medicine	First	Second	III	63	3

CLASS SCHEDULE

Week	Lecture	Subject name	Day	Date	Time	Place	H	Teacher
I	L1	<ul style="list-style-type: none">- Chemical bonds.- Complex compounds and their use in medicine.- Platinum complexes, gold and bismuth complexes. Intermolecular bonds, hydrogen bonds, ion-dipole force <ul style="list-style-type: none">- Hydrophobic interactions Solutions and their properties	Tuesday	08.10.	12.30-14.45	Amphitheatre, Faculty of Political Sciences	3	Prof.dr Snežana Uletilović
II	L2	<ul style="list-style-type: none">-Acids and bases.-Chemical balance-Chemical kinetics-Biocatalisators-pH and buffers	Tuesday	15.10.	12.30-14.45	Amphitheatre, Faculty of Political Sciences	3	Prof.dr Snežana Uletilović
III	L3	<ul style="list-style-type: none">-Lipids, fatty acids, fat and oil, complex lipids, lipoproteins, steroids, cholesterol and bile	Tuesday	22.10.	12.30-14.45	Amphitheatre, Faculty of Political	3	Prof.dr Snežana Uletilović

		acids				Sciences		
IV	L4	-Carbohydrates, structure, reactivity, disaccharides, polysaccharides, glycoproteins	Tuesday	29.10.	12.30-14.45	Amphitheatre, Faculty of Political Sciences	3	Prof.dr Snežana Uletilović
V	L5	-Representatives of amino acids, traits and reactions to amino acids, representatives of dipeptides, biologically important peptides, proteins and their physico-chemical properties	Tuesday	05.11.	12.30-14.45	Amphitheatre, Faculty of Political Sciences	3	Prof.dr Snežana Uletilović

Week	Practical	Type of practical	Subject name
I	P1	PE	Determination of a substance concentration in HCl solution with Na ₂ CO ₃ solution with Methyl Orange indicator
II	P2	PE	Determination of a substance concentration in NaCl solution with AgNO ₃ solution with K ₂ CrO ₄ as indicator
III	P3	PE	Qualitative reactions to proteins
IV	P4	PE	Qualitative reactions to carbohydrates
V	P5	PE	Qualitative reactions to lipids

PRACTICAL SCHEDULE

Group	Day	Time	Place	H	Assistant
G1	Wednesday	10.45-13.00	Laboratory for MB	3	senior teaching ass. Nebojša Mandić-Kovačević
G2	Tuesday	09.00-11.15	Laboratory for MB	3	senior teaching ass. Nebojša Mandić-Kovačević
G3	Monday	09.00-11.15	Laboratory for MB	3	senior teaching ass. Nebojša Mandić-Kovačević

Teacher:

Prof.dr Snežana Uletilović