

### Activities - Selected chapters of biomedical physics for veterinarians (1/3)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
09/04/2024	13:00	13:45	p01 Dimensional analysis and its application in veterinary medicine	2-1		0:45	Pašić S.	V_fizika
09/04/2024	13:45	14:30	p02 Sensation and perception-How do animals see the world? How do they see colors?	2-1		0:45	Pašić S.	V_fizika
09/04/2024	14:30	15:15	p03 Weber-Fechner law-psychophysics	2-1		0:45	Pašić S.	V_fizika
09/04/2024	15:15	16:00	p04 Why is water the source of life?	2-1		0:45	Pašić S.	V_fizika
10/04/2024	10:15	11:00	p05 Passive and active ion transport processes through the cell membrane, Potassium-sodium pump	2-1		0:45	Pašić S., Pašić S.	V_fizika
10/04/2024	11:00	11:45	p06 Cell membrane potential. Action potential	2-1		0:45	Pašić S.	V_fizika
10/04/2024	11:45	12:30	p07 Weber-Fechner's law and action potential or the connection of sensation and the action potential	2-1		0:45	Pašić S.	V_fizika
10/04/2024	12:30	13:15	p08 Osmosis-deadly dehydration of a cell surrounded by water	2-1		0:45	Pašić S.	V_fizika

### Activities - Selected chapters of biomedical physics for veterinarians (2/3)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
10/04/2024	16:00	16:45	p09 Hydrostatics and blood pressures	2-1		0:45	Pašić S.	V_fizika
10/04/2024	16:45	17:30	p10 Law of conservation of blood flow	2-1		0:45	Pašić S.	V_fizika
10/04/2024	17:30	18:15	p11 Flow of real fluid on the example of blood flow	2-1		0:45	Pašić S.	V_fizika
10/04/2024	18:15	19:00	p12 Preservation of food of animal origin by radiation and Conan the bacterium	2-1		0:45	Pašić S.	V_fizika
11/04/2024	8:00	8:45	p13 Application of electromagnetic waves in medicine and everyday life	2-1		0:45	Pašić S.	V_fizika
11/04/2024	8:45	9:30	p14 Fluorescence - from banknote protection to dermatophyte diagnostics in veterinary medicine	2-1		0:45	Pašić S.	V_fizika
11/04/2024	9:30	10:15	p15 What is diagnosed with a stethoscope?	2-1		0:45	Pašić S.	V_fizika
11/04/2024	10:15	11:00	p16 What do radioactive decay, a population of bacteria and an interest account have in common?	2-1		0:45	Pašić S.	V_fizika
11/04/2024	11:00	11:45	p17 How is the age of animal fossils determined using radioactive carbon C-14?	2-1		0:45	Pašić S.	V_fizika

### Activities - Selected chapters of biomedical physics for veterinarians (3/3)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
11/04/2024	11:45	12:30	p18 Why do veterinarians have a key role in preserving public health after a nuclear and radiation accident?	2-1		0:45	Pašić S.	V_fizika
11/04/2024	12:30	13:15	p19 Principles of tissue imaging with X-rays	2-1		0:45	Pašić S.	V_fizika
12/04/2024	15:00	15:45	p20 Principles of ultrasound imaging	2-1		0:45	Pašić S.	V_fizika
12/04/2024	15:45	17:15	s01 Seminars-topics chosen by students	2-1		1:30	Pašić S.	V_fizika
12/04/2024	17:15	18:45	s02 Seminars-topics chosen by students	2-1		1:30	Pašić S.	V_fizika
16/04/2024	8:00	9:30	s03 Seminars-topics chosen by students	2-1		1:30	Pašić S.	V_fizika
19/04/2024	16:00	17:30	s04 Seminars-topics chosen by students	2-1		1:30	Pašić S.	V_fizika
19/04/2024	17:30	19:00	s05 Seminars-topics chosen by students	2-1		1:30	Pašić S.	V_fizika
<b>Total: 25</b>						<b>22:30</b>		