

Confirmed by the meeting of the department  
Protocol No. 5 from December 28. 2023

The Head of the department  Assoc. prof. I. Dats

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**CALENDAR-THEMATIC PLAN**  
**of Practical Classes on Radiation Medicine for the 5<sup>th</sup> year students of medical faculty**  
**during the spring semester of 2023 – 2024 educational year**

No	Topics	The date, groups	Amount of hours
1.	Nature, types and properties of ionizing radiation. Dosimetry of ionizing radiation. The principle of construction of dosimeters, radiometers, their types.	29.01.-09.02.24 1-5 groups	2
2.	Assessment of the degree of radionuclide contamination of the environment, soil, water, and food products. Incorporation of radionuclides.	12.02.-23.02.24 1-5 groups	2
3.	Acute radiation sickness. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, consequences, medical and social examination.	26.02.-08.03.24 1-5 groups	2
4.	Acute local radiation injuries. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, consequences, medical and social examination.	11.03.-22.03.24 1-5 groups	2
5.	Remote effects of ionizing radiation. Stochastic and non-stochastic effects of radiation.	25.03.-05.04.24 1-5 groups	2
6.	The effect of low dose of ionizing radiation on the human body.	08.04.-19.04.24 1-5 groups	1
<b>Total amount of hours</b>			<b>11</b>

