

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

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

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

<b>No</b>	<b>Topics</b>	<b>The date, groups</b>	<b>Amount of hours</b>
1.	The subject of Radiation medicine and its correlation with other medical disciplines. The history of the development of Radiation medicine. Natural background radiation. Artificial sources of ionizing radiation. Biological action of ionizing radiation. Radiosensitivity of different tissues and organs.	02.02.24 1-5 groups	2
2.	Types of radiation injuries. Acute radiation syndrome. Acute local radiation injuries. Toxicology of the main radionuclides. Peculiarities of diagnostics, clinical symptoms in case of incorporation of radionuclides.	16.02.24 1-5 groups	2
<b>Total amount of hours</b>		<b>4</b>	