

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 Independent Work of students in the study of “Radiation Medicine”
for the 5th year students of medical faculty
during the spring semester of 2023 – 2024 educational year

No	Topics	The date, groups	Amount of hours
1.	Artificial sources of ionizing radiation and their use in the national economy. Closed and open sources of ionizing radiation.	29.01.-09.02.24 1-5 groups	3
2.	The concept of influence of ionizing radiation on the human body. Effects of ionizing radiation on different organs and systems. Radiation syndromes.	26.02.-08.03.24 1-5 groups	3
3.	Experience of radiation damage to people. Radiation reaction. Radiation Safety Culture.	11.03.-22.03.24 1-5 groups	3
4.	Somatic, teratogenic and genetic outcomes of the radiation exposure. Chronic radiation syndrome. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment.	25.03.-05.04.24 1-5 groups	3
5.	Medical, social, ecological and psychological aspects of large-scale accidents at nuclear plants (according to the model of the accident at the Chernobyl nuclear power plant). The role of bone marrow transplantation in the treatment of acute radiation syndrome.	08.04.-19.04.24 1-5 groups	3
Total amount of hours			15