

# MDPH 602. RADIOTHERAPY PHYSICS.

---

Credits: 3

Offered by: Medical Physics Unit (Graduate Studies)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

The physics of radiation therapy including that of radioactive sources, accelerators and x-ray machines. The theoretical and practical dosimetry of ionizing radiation including codes of practice and guidelines, dose calculations, dose measurements and dose optimization. The radiation therapy workflow and practical aspects related to quality assurance of radiation therapy as well as record and verify systems used in radiation therapy.

- Prerequisite: MDPH 601

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)