

UCL NUCLEAR MEDICINE & RADIOTHERAPY

UCLouvain grants the specializations in Nuclear Medicine and Radiation Oncology after a 5-year training. Radiopharmacy is offered as a new option for (hospital) pharmacists. Our institution also provides several trainings in medical physics, depending on the candidate's previous diplomas and education.

Training description

All training programs comply with both ministry regulations and academic training degrees. Nuclear Medicine and Radiation Oncology programs are accessible to MD degrees or equivalent.

- Nuclear Medicine: The training is based on 2 years of internship in general hospital services, including cardiology, gastro-enterology, pneumology, or neurology among others, followed by an introductory year in nuclear medicine. This third year includes a theoretical training in radioprotection, nuclear physics, detectors, radiobiology and radiochemistry. The last two years focus on clinical training and a research work in nuclear medicine concludes them.
- Radiation oncology: The 5-year training covers various aspects of clinical oncology, theoretical training in radiobiology and radioprotection, internship in oncology and technical training for the various radiation oncology modalities, including brachytherapy, external beam therapy, proton and neutron therapy. The training is evaluated by a national examination.
- Radiopharmacy: Accessible to pharmacists, the radiopharmacy training program consists of two years, the first one focusing on theory, while the second concentrates on practical aspects.

Training for physicists who want to specialize in medical physics is also available, in addition to the training in radioprotection, and an active and close collaboration with the Institut Paul Lambin allows the training of imaging technicians in nuclear medicine.

Key figures

Training for physicians in nuclear medicine and radiation oncology, for physicists, pharmacists, and technicians, focused on the use of ionizing radiations in the field of healthcare.

Contact

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