UCLouvain

lphmd2371

2025

Internship 2 (4 weeks)

The version you're consulting is not final. This course description may change. The final version will be published on 1st June.

6.00 credits		Q2

Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	The student is familiar with the basics of medical radiation physics. This includes the theoretical basis on the technology and techniques employed in the radiotherapy, nuclear medicine and radiology services, and on elements of radiation protection. • You may only take this course if you have passed or applied tolerance for the following courses : Radiation Protection Technology and Techniques in Radiology Technology and Techniques in Nuclear Medicine Technology, Dosimetry and Treatment Planning in Radiotherapy • You may only take this course if you also take the courses "Medical Imaging and Analysis" (or have taken it previously).
Main themes	The aim of this advanced stage (4 weeks in one of the three services of radiology, nuclear medicine, and radiotherapy) is for the students to acquire thorough knowledge and competencies on the clinical activities and work of a medical physicist in a hospital.
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 General learning outcomes of this internship are: • The student possesses the skills to explore in a more active way the clinical field of radiology, nuclear medicine, or radiotherapy, and becomes acquainted with the new insights, results and methods. • The student can situate the role of the medical physics expert in a hospital setting, and reflect on the specific aspects of the 3 sub-specialties: medical physics in radiology, nuclear medicine and radiotherapy • The main objective will be to observe and involve, where possible, with the work of the medical physics expert. • Is able to reflect critical on his own professional thinking. 2 Specific learning outcomes are: • Is able to function independently in a larger team and as a paramedic in a hospital environment • Has gained additional insight into clinical medical physics questions
Faculty or entity in charge	PHYS

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Medical Physics	PHMD2M	6		🔍