UCLouvain

wrpr2001

2024

Notions de base de radioprotection

2.00 credits	10.0 h + 5.0 h	Q1

Teacher(s)	Carlier Pascal ;Jamar François (coordinator) ;Lhommel Renaud ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	1. Sizes and Units - Biological mechanisms of the action of the ionizing radiations 2. Acute effects of an accidental irradiation 3. Radio-induced cancers 4. Hereditary radiation effects 5. Effects of the in utero irradiation 6. Legislation : basic standards: principles of operational protection against radiation 7. Practical operations: use of detectors in situation of routine; dosimetry of the workers: visits of the installations of physical control
Learning outcomes	
Faculty or entity in charge	CRPR

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biomedical Engineering	GBIO2M	2		
Advanced Master in Radiotherapy-Oncology	RDTH2MC	2		
Advanced Master in Nuclear Medicine	MNUC2MC	2		
Certificat universitaire en physique d'hôpital	RPHY9CE	2		
Advanced Master in Occupational Medicine	MDTR2MC	2		
Certificat universitaire en radioprotection pour les médecins du travail	RMDT9CE	2		
Certificat universitaire en radiopharmacie	RFAR9CE	2		
Master [120] in Physics [professional focus of Medical Physics : UCLouvain-KULeuven]	PHYS2M	2		
Master [120] in Medical Physics	PHMD2M	2		