










Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

2 credits

10.0 h + 5.0 h

Q1

Teacher(s)	Carlier Pascal ;Dupont Michaël ;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
Aims	<i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Faculty or entity in charge	CRPR

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Certificat universitaire de contrôle physique en radioprotection (Classe II)	RCPB9CE	2		
Certificat universitaire en radioprotection pour les médecins du travail	RMDT9CE	2		
Certificat universitaire en radiopharmacie	RFAR9CE	2		
Advanced Master in Nuclear Medicine	MNUC2MC	2		
Advanced Master in Radiotherapy-Oncology	RDTH2MC	2		
Certificat universitaire de contrôle physique en radioprotection (Classe I)	RCPA9CE	2		
Certificat universitaire en physique d'hôpital	RPHY9CE	2		
Master [120] in Physics	PHYS2M	2		
Advanced Master in Occupational Medicine	MDTR2MC	2		
Master [120] in Biomedical Engineering	GBIO2M	2		