

2.0 credits

10.0 h + 5.0 h

Teacher(s) :	Grégoire Vincent (coordinator) ; Smeesters Patrick ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	<ol style="list-style-type: none"> 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>
Cycle and year of study :	> Master [120] in Physics > Advanced Master in Occupational Medicine > Advanced Master in Radiotherapy-Oncology > Advanced master in Nuclear Medicine > Certificat universitaire de contrôle physique en radioprotection (Classe I) > Certificat universitaire de contrôle physique en radioprotection (Classe II) > Certificat universitaire en physique d'hôpital > Certificat universitaire en radiopharmacie > Certificat universitaire en radioprotection pour les médecins du travail > Master [120] in Biomedical Engineering
Faculty or entity in charge:	CRPR