UCL Université catholique de Louvain

WRPR2001

2015-2016

Notions de base de radioprotection

2.0 credits	10.0 h + 5.0 h	2q

Teacher(s) :	Grégoire Vincent (coordinator) ; Smeesters Patrick ;
Language :	Français
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 :	*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".*
Faculty or entity in charge:	CRPR

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Physics	PHYS2M	2	-	
Master [120] in Biomedical Engineering	GBIO2M	2	-	
	RCPA9CE	2	-	
Advanced Master in Occupational Medicine	MDTR2MC	2	-	
	RCPB9CE	2	-	
	RPHY9CE	2	-	
	RFAR9CE	2	-	
	RMDT9CE	2	-	