








2 credits	22.5 h	Q2
-----------	--------	----

Teacher(s)	Grégoire Vincent ;Scalliet Pierre coordinator ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	<p>0 Radioactivity, production of radiation beams, "Radiation Quality"</p> <ul style="list-style-type: none"> o Interaction of radiations with matter : first physical effects o Effects of radiations on ADN o Effects of radiations on cells o Cell survival curves and mathematical models o Dose-effect relationships and radiobiological concepts o Early tissular effects of an irradiation o Late tissular effects of an irradiation o Oxygen effect o Chemical modifier of radiosensitivity o Discussion
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	MED

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Biomedical Engineering	GBIO2M	2		
	RMDT9CE	2		
	RPHY9CE	2		
Advanced master in Nuclear Medicine	MNUC2MC	2		
Master [120] in Physics	PHYS2M	2		
	RFAR9CE	2		
	RCPB9CE	2		
	RCPA9CE	2		