

2.0 credits

22.5 h

Teacher(s) :	Scalliet Pierre (coordinator) ; Grégoire Vincent ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	<ul style="list-style-type: none"> <li>o Radioactivity, production of radiation beams, "Radiation Quality"</li> <li>o Interaction of radiations with matter : first physical effects</li> <li>o Effects of radiations on ADN</li> <li>o Effects of radiations on cells</li> <li>o Cell survival curves and mathematical models</li> <li>o Dose-effect relationships and radiobiological concepts</li> <li>o Early tissular effects of an irradiation</li> <li>o Late tissular effects of an irradiation</li> <li>o Oxygen effect</li> <li>o Chemical modifier of radiosensitivity</li> <li>o Discussion</li> </ul>
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 :	<ul style="list-style-type: none"> <li>&gt; <a href="#">Master [120] in Physics</a></li> <li>&gt; <a href="#">Certificat universitaire en physique d'hôpital</a></li> <li>&gt; <a href="#">Certificat universitaire en radiopharmacie</a></li> <li>&gt; <a href="#">Certificat universitaire de contrôle physique en radioprotection (Classe I)</a></li> <li>&gt; <a href="#">Certificat universitaire de contrôle physique en radioprotection (Classe II)</a></li> <li>&gt; <a href="#">Certificat universitaire en radioprotection pour les médecins du travail</a></li> <li>&gt; <a href="#">Advanced master in Nuclear Medicine</a></li> <li>&gt; <a href="#">Advanced Master in Radiotherapy-Oncology</a></li> </ul>
Faculty or entity in charge:	MED