

**Cycle view of the study programme**

B1 Or Th Pr Au Cr

**Compulsory courses (B1 : 45Cr)**

**Theory courses (30 ECTS)**

MCER0206-1	<i>Physical basis of medical radiology, including radiation dosimetry</i>	B1		30	20	-	<b>11</b>
MCER0007-2	<i>Cellular and human radiobiology : histopathology and biochemistry</i> - Chantal HUMBLET, Philippe MARTINIVE	B1		10	5	-	<b>2</b>
MTRA2020-1	<i>Radioprotection : radioprotection specific to reactors</i>	B1		10	5	-	<b>2</b>
MTRA2021-1	<i>Radioprotection : techniques and legislations</i> - Véra PIRLET	B1		25	5	-	<b>5</b>
MCER0210-1	<i>Using radioactive/ionising substances : medical applications</i> - Nuclear medicine - Roland HUSTINX - Radiotherapy - Eric LENAERTS - Interventional cardiology - Dentistry - Audrey GUEDERS	B1	TA	6	-	-	<b>2</b>
				6	-	-	
				4	-	-	
				2	-	-	
MCER0211-1	<i>The use of radioactive/ionising substances: industrial applications</i> - Production, use, management and control of radio-elements - Aspects of radio-protection connected to the management of radioactive waste - Véra PIRLET - Environmental problems related to industrial and medical waste	B1		15	-	-	<b>5</b>
				5	-	-	
				8	-	-	
MCER0212-1	<i>Diagnostic and therapeutic aspects relating to the risks of contamination and irradiation</i> - Cécile SURLEREAUX	B1		10	-	-	<b>1</b>
MCER0213-1	<i>Radiotoxicology</i> - Cécile SURLEREAUX	B1		5	-	-	<b>1</b>
MCER0214-1	<i>Radiochemistry</i> - N...	B1		8	-	-	<b>1</b>

**Training (15 ECTS)**

MSTG9037-1	<i>Internship in an occupational health department with an approved doctor</i> - COLLÉGIALITÉ - [15d Internship]	B1		-	-	[+]	<b>10</b>
MSTG9038-1	<i>Internship in a department or organisation conducting physical radiation controls</i> - COLLÉGIALITÉ - [5d Internship]	B1		-	-	[+]	<b>5</b>