

**Block view of the study programme**

Or Th Pr Au Cr

**Block 1**
**Compulsory courses**
**Theory courses (30 ECTS)**

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

**Training (15 ECTS)**

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