

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

**Training (15 ECTS)**

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