

First Year

Compulsory courses

Theory courses (30 ECTS)

MCER0206-1	<i>Physical basis of medical radiology, including radiation dosimetry -</i> Françoise MALCHAIR	45	30	-	11
MCER0007-2	<i>Cellular and human radiobiology : histopathology and biochemistry</i>	10	5	-	2
MTRA2020-1	<i>Radioprotection : radioprotection specific to reactors -</i> Pierre DOUMONT	10	5	-	2
MTRA2021-1	<i>Techniques and legislation -</i> Véra PIRLET	25	5	-	5
MCER0210-1	<i>Using radioactive/ionising substances: medical applications</i> - Nuclear medicine - Roland HUSTINX	6	-	-	2
	- Radiotherapy - Philippe COUCKE	6	-	-	
	- Interventional cardiology - Victor LEGRAND	4	-	-	
	- Dentistry - Alain VANHEUSDEN	2	-	-	
MCER0211-1	<i>The use of radioactive/ionising substances: industrial applications</i> - Production, use, management and control of radio-elements - André LUXEN	15	-	-	5
	- Aspects of radio-protection connected to the management of radioactive waste - Véra PIRLET	5	-	-	
	- Environmental problems related to industrial and medical waste - Christian VANDECASTEELE	8	-	-	
MCER0212-1	<i>Diagnostic and therapeutic aspects relating to the risks of contamination and irradiation -</i> Cécile SURLEREAUX	10	-	-	1
MCER0213-1	<i>Radiotoxicology -</i> Cécile SURLEREAUX	5	-	-	1
MCER0214-1	<i>Radiochemistry -</i> André LUXEN	8	-	-	1
Training (15 ECTS)					
MSTG9037-1	<i>Internship in an occupational health department with an approved doctor - [15d Internship]</i>	-	-	[+]	10
MSTG9038-1	<i>Internship in a department or organisation conducting physical radiation controls - [5d Internship]</i>	-	-	[+]	5
Final dissertation (15 ECTS)					
MTFE9003-1	<i>Final dissertation - N...</i>	-	-	-	15