

## Study programmes 2024-2025

## Faculty of Medicine

## University certificate: Approval to work with ionising radiation

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## Cycle view of the study programme

Compulsory courses (B1: 45Cr)							
Theory courses (30 ECTS)							
MCER0206-1	Physical basis of medical radiology, including radiation dosimetry - N	B1		30	20	-	11
MCER0007-2	Cellular and human radiobiology: histopathology and biochemistry - Theory - Chantal HUMBLET, Philippe MARTINIVE - Practice - Chantal HUMBLET, Philippe MARTINIVE	B1	10	5	- -		2
MTRA2020-1	Radioprotection: radioprotection specific to reactors	B1		10	5	-	2
MTRA2021-1	Radioprotection: techniques and legislations - Véra PIRLET	B1		25	5	-	5
MCER0210-1	Using radioactive/ionising substances: medical applications - Nuclear medicine - Roland Hustinx - Radiotherapy - Eric Lenaerts - Interventional cardiology - N Dentistry - Audrey Gueders	B1	TA 6 6 4 2	- - -	- - -		2
MCER0211-1	The use of radioactive/ionising substances: industrial applications - 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	B1	15 5 8	-	-		5
MCER0212-1	Diagnostic and the rapeutic aspects relating to the risks of contamination and irradiation - $N_{\cdots}$	B1		10	-	-	1
MCER0213-1	Radiotoxicology - N	B1		5	-	-	1
MCER0214-1	Radiochemistry - Thibault GENDRON, N	B1		8	-	-	1
Training (15 ECTS)							
MSTG9037-1	Internship in an occupational health department with an approved doctor - COLLÉGIALITÉ - [15d Internship]	B1		-	-	[+]	10
MSTG9038-1	Internship in a department or organisation conducting physical radiation controls - COLLÉGIALITÉ - [5d Internship]	B1		-	-	[+]	5