

Block 1

Study programmes 2023-2024

Faculty of Medicine

University certificate: Approval to work with ionising radiation

Block view of the study programme

waste - Véra PIRLET

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Compulsory cour	rses						
Theory course	s (30 ECTS)						
MCER0206-1	Physical basis of medical radiology, including radiation dosimetry		30	20	-	11	
MCER0007-2	Cellular and human radiobiology: histopathology and biochemistry - Theory - Chantal HUMBLET, Philippe MARTINIVE - Practice - Chantal HUMBLET, Philippe MARTINIVE		10	- 5	-	2	
MTRA2020-1	Radioprotection: radioprotection specific to reactors		10	5	-	2	
MTRA2021-1	Radioprotection: techniques and legislations - Véra PIRLET		25	5	-	5	
MCER0210-1	Using radioactive/ionising substances: medical applications - Nuclear medicine - Roland HUSTINX - Radiotherapy - Eric LENAERTS - Interventional cardiology - N Dentistry - Audrey GUEDERS	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		15 5	-	-	5	

Thibault GENDRON

MCER0212-1 Diagnostic and therapeutic aspects relating to the risks of contamination and irradiation - Cécile SURLEREAUX

MCER0213-1 Radiotoxicology - Cécile SURLEREAUX

5 - - 1

MCER0214-1 Radiochemistry - Thibault GENDRON

8 - - 1

Training (15 ECTS)

- Environmental problems related to industrial and medical waste -

MSTG9037-1 Internship in an occupational health department with an approved doctor - - - [+] 10 COLLÉGIALITÉ - [15d Internship]

MSTG9038-1 Internship in a department or organisation conducting physical radiation - - [+] 5 controls - COLLÉGIALITÉ - [5d Internship]