

Study programmes 2024-2025

Faculty of Medicine

University certificate: Approval to work with ionising radiation

Block view of the study programme

Or Th Pr Au Cr

Block 1
Compulsory courses

Theory courses (30 ECTS)							
Physical basis of medical radiology, including radiation dosimetry - N		30	20	-	11		
Cellular and human radiobiology: histopathology and biochemistry - Theory - Chantal HUMBLET, Philippe MARTINIVE - Practice - Chantal HUMBLET, Philippe MARTINIVE		10	- 5	- -	2		
Radioprotection: radioprotection specific to reactors		10	5	-	2		
Radioprotection: techniques and legislations - Véra PIRLET		25	5	-	5		
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		
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		15 5 8	-	-	5		
Diagnostic and therapeutic aspects relating to the risks of contamination and irradiation - N		10	-	-	1		
Radiotoxicology - N		5	-	-	1		
Radiochemistry - Thibault GENDRON, N		8	-	-	1		
CCTS)							
Internship in an occupational health department with an approved doctor - COLLÉGIALITÉ - [15d Internship]		-	-	[+]	10		
Internship in a department or organisation conducting physical radiation controls - Collégialité - [5d Internship]		-	-	[+]	5		
	Physical basis of medical radiology, including radiation dosimetry - N Cellular and human radiobiology: histopathology and biochemistry - Theory - Chantal HUMBLET, Philippe MARTINIVE - Practice - Chantal HUMBLET, Philippe MARTINIVE Radioprotection: radioprotection specific to reactors Radioprotection: techniques and legislations - Véra PIRLET Using radioactive/ionising substances: medical applications - Nuclear medicine - Roland HUSTINX - Radiotherapy - Eric LENAERTS - Interventional cardiology - N Dentistry - Audrey GUEDERS 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 Diagnostic and therapeutic aspects relating to the risks of contamination and irradiation - N Radiotoxicology - N Radiotoxicology - N Radiotomistry - 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