

### Information

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### Presentation

The diploma includes two parts: basic 2-year training, relating to exploration techniques, the physical foundations, radiation dosimetry, radiobiological effects, radioanatomy, radioprotection, computer elements in medicine and reanimation elements in the face of a reaction to contrast media. The following 3 years are dedicated to the specific teaching of diagnosis in all medical specialities using different sources of imagery, including magnetic resonance imagery and its various applications, and interventional radiology. The course includes theory, multidisciplinary radioclinical staff, personal work and practical demonstrations in laboratories.

The theoretical classes and seminars are organised according to the regulations in force and include joint interuniversity courses.

### Duration

\* Five years of study: two years of basic training (FUS) and three years of specialised training.

### Collegiality

Coordinator : Brigitte DESPRECHINS  
Jean-François BRICHANT, Philippe COUCKE, Daniel GILLAIN, Chantal HUMBLET, Roland HUSTINX, Françoise MALCHAIR, Philippe MARTINIVE, Paul MEUNIER, Mladen MILICEVIC, Alain NCHIMI, Véra PIRLET, Paolo SIMONI, Luaba TSHIBANDA.

## First Year

### Compulsory courses

RADI2008-1	<i>Theory courses</i>				<b>35</b>
	- <i>Les bases physiques de la radiologie médicale, y compris la dosimétrie des radiations, 1st year</i> - Françoise MALCHAIR	45	30	-	
	- <i>Radiobiologie cellulaire et humaine : histopathologie, 1st year</i> - Chantal HUMBLET, Philippe MARTINIVE	25	15	-	
	- <i>Radiobiologie cellulaire et humaine : biochimie, 1st year</i> - Chantal HUMBLET, Philippe MARTINIVE	25	15	-	
	- <i>Démonstrations anatomo-cliniques, 1st year</i> - Chantal HUMBLET, Philippe MARTINIVE	150	-	-	
	- <i>Radioprotection : problèmes d'hygiène, 1st year</i> - Roland HUSTINX	15	-	-	
	- <i>Techniques de radioprotection, 1st year</i> - Véra PIRLET	15	-	-	
	- <i>Législation, 1st year</i> - N...	10	-	-	
	- <i>Éléments d'informatique médicale, 1st year</i> - Daniel GILLAIN	5	-	-	
	- <i>Techniques d'imagerie médicale y compris radioprotection, 1st year</i> - N...	150	-	-	
	- <i>Éléments de réanimation devant une réaction aux produits de contraste, 1st year</i> - JeanFrançois BRICHANT	6	3	-	
MSTG2008-1	<i>Placements, including seminars, 1st year</i> - COLLÉGIALITÉ - [1 half-d Internship]	-	-	[+]	<b>25</b>

## Second year

### Compulsory courses

RADI2008-2	<i>Theory courses</i>				<b>35</b>
	- <i>Les bases physiques de la radiologie médicale, y compris la dosimétrie des radiations, 2nd year</i> - Françoise MALCHAIR	45	30	-	
	- <i>Radiobiologie cellulaire et humaine : histopathologie, 2nd year</i> - Chantal HUMBLET, Philippe MARTINIVE	25	15	-	
	- <i>Radiobiologie cellulaire et humaine : biochimie, 2nd year</i> - Chantal HUMBLET, Philippe MARTINIVE	25	15	-	
	- <i>Démonstrations anatomo-cliniques, 2nd year</i> - Chantal HUMBLET, Philippe MARTINIVE	150	-	-	
	- <i>Radioprotection : problèmes d'hygiène, 2nd year</i> - Roland HUSTINX	15	-	-	

	- <i>Techniques de radioprotection, 2nd year</i> - Véra PIRLET	15	-	-	
	- <i>Législation, 2nd year</i> - N...	10	-	-	
	- <i>Éléments d'informatique médicale, 2nd year</i> - Daniel GILLAIN	5	-	-	
	- <i>Techniques d'imagerie médicale y compris radioprotection, 2nd year</i> - N...	150	-	-	
	- <i>Éléments de réanimation devant une réaction aux produits de contraste, 2nd year</i> - JeanFrançois BRICHANT	6	3	-	
MSTG2008-2	<i>Placements, including seminars, 2nd year</i> - COLLÉGIALITÉ - [11half-d Internship]	-	-	-	[+] 25

### Third year

#### Compulsory courses

RADI2008-3	<i>Theory courses</i>				22
	- <i>Démonstrations anatomo-cliniques, 3rd year</i> - Chantal HUMBLET, Philippe MARTINIVE	150	-	-	
	- <i>Techniques d'imagerie médicale y compris radioprotection, 3rd year</i> - N...	150	-	-	
	- <i>Éléments de réanimation devant une réaction aux produits de contraste, 3rd year</i> - JeanFrançois BRICHANT	6	3	-	
MSTG2008-3	<i>Placements, including seminars, 3rd year</i> - COLLÉGIALITÉ - [11half-d Internship]	-	-	-	[+] 38

### Fourth year

#### Compulsory courses

RADI2008-4	<i>Theory courses</i>				22
	- <i>Démonstrations anatomo-cliniques, 4th year</i> - Chantal HUMBLET, Philippe MARTINIVE	150	-	-	
	- <i>Techniques d'imagerie médicale y compris radioprotection, 4th year</i> - N...	150	-	-	
	- <i>Éléments de réanimation devant une réaction aux produits de contraste, 4th year</i> - JeanFrançois BRICHANT	6	3	-	
MSTG2008-4	<i>Placements, including seminars, 4th year</i> - COLLÉGIALITÉ - [11half-d Internship]	-	-	-	[+] 38

### Fifth year

#### Compulsory courses

RADI2008-5	<i>Theory courses</i>				15
	- <i>Démonstrations anatomo-cliniques, 5th year</i> - Chantal HUMBLET, Philippe MARTINIVE	150	-	-	
	- <i>Techniques d'imagerie médicale y compris radioprotection, 5th year</i> - N...	150	-	-	
	- <i>Éléments de réanimation devant une réaction aux produits de contraste, 5th year</i> - JeanFrançois BRICHANT	6	3	-	
MTFE2017-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	15
MSTG2008-5	<i>Placements, including seminars, 5th year</i> - COLLÉGIALITÉ - [11half-d Internship]	-	-	-	[+] 30