

**Four-Year Master Program (240 ECTS)**

**First Year**

First semester

**Compulsory courses**

Semiology courses will be organized during the first week of the semester - André SCHEEN, Jean-Pierre BOURGUIGNON, Michel MEURISSE, Philippe GILLET, Michel MALAISE, David WALTREGNY, Edouard LOUIS, Renaud LOUIS, Pierre MAQUET, Michelle NISOLLE, Frédéric KRIDELKA.

PATH0002-1	<i>Cardiovascular, pneumology, oncology modules</i>				<b>18</b>
	- <i>Pathology of cardiovascular system</i> - JeanMichel CRIELAARD, Vincenzo D'ORIO, JeanOlivier DEFRAIGNE, Philippe DELVENNE, JeanMarie KRZESINSKI, Alain NCHIMI LONGANG, Luc PIERARD, Natzi SAKALIHASAN, André SCHEEN, MarieChristine SEGHAYE	63	6	-	
	- <i>Pathology of pulmonary system</i> - Philippe COUCKE, JeanMichel CRIELAARD, Vincenzo D'ORIO, JeanOlivier DEFRAIGNE, Philippe DELVENNE, Philippe LEFÈBVRE, Renaud LOUIS, Alain NCHIMI LONGANG, André SCHEEN, MarieChristine SEGHAYE	60	-	-	
	- <i>Oncology</i> - Philippe COUCKE, Philippe DELVENNE, Roland HUSTINX, Guy JERUSALEM, André SCHEEN	23	-	-	
	- <i>Integration of knowledge including learning in clinical reasoning</i> - COLLÉGIALITÉ	-	-	-	[+]
	[28h ITCR]				
SANT0141-1	<i>Health and Society Module 1</i>				<b>3</b>
	- <i>Basic knowledge of deontology and legal organization of medicine</i> - Philippe BOXHO	15	-	-	
	- <i>Prescription and interpretation of additional tests</i> - JeanPierre BOURGUIGNON, JeanFrançois BRICHANT, Renaud LOUIS, André SCHEEN	4,5	-	-	
	- <i>Introduction to general medicine</i> - Didier GIET	10	-	-	
	- <i>Medical psychology</i> - Marc ANSSEAU, Alain MALCHAIR	10	-	-	
MEDE0140-3	<i>Practical Work</i>				<b>3</b>
	- <i>Medical imaging</i> - Alain NCHIMI LONGANG	-	8	-	
	- <i>Pathology</i> - Philippe DELVENNE, Albert THIRY	12	-	-	
	- <i>General medicine</i> - Didier GIET - [12h Internship]	-	-	-	[+]
	- <i>Medical psychology</i> - Marc ANSSEAU, Gabrielle SCANTAMBURLO	4	-	-	
	- <i>Pharmacology</i> - André SCHEEN	6	-	-	

Second semester

**Compulsory courses**

PATH0003-1	<i>Mother-child, hematology-infectiology-immunology-rheumatology, metabolism-diabetes-endocrinal system, renal, dermatologie modules</i>				<b>22</b>
	- <i>Biology and pathologies of fetuses and new-born babies</i> - Patrick EMONTS, Masendu KALENGA, André SCHEEN	20	-	-	
	- <i>Haematologic, immune, articular and infectious pathologies</i> - Oreste BATTISTI, Yves BEGUIN, JeanFrançois BRICHANT, Philippe DELVENNE, Michel MALAISE, Michel MOUTSCHEN, André SCHEEN	65,5	-	-	
	- <i>Metabolic and endocrinal pathologies</i> - Albert BECKERS, JeanPierre BOURGUIGNON, JeanFrançois BRICHANT, Philippe COUCKE, Philippe DELVENNE, Paul MEUNIER, Michel MEURISSE, André SCHEEN	37	-	-	
	- <i>Renal pathologies</i> - Oreste BATTISTI, Philippe DELVENNE, JeanMarie KRZESINSKI, Paul MEUNIER, André SCHEEN	18,5	-	-	
	- <i>Dermatopathologies</i> - Philippe COUCKE, Philippe DELVENNE, Arjen NIKKELS, Pascale QUATRESOOZ	19	-	-	
	- <i>Integration of knowledge including learning in clinical reasoning</i> - COLLÉGIALITÉ	-	-	-	[+]
	[30h ITCR]				
MEDE0141-3	<i>Practical Work</i>				<b>2</b>
	- <i>Medical imaging</i> - Paul MEUNIER	-	6	-	
	- <i>Pathology</i> - Philippe DELVENNE, Albert THIRY	-	12	-	
	- <i>Pharmacology</i> - André SCHEEN	-	6	-	

First and Second semester

**Compulsory courses**

MSTG0758-1 *Observation placements in medicine* - COLLÉGIALITÉ - [112h Internship] - - [+] **12**

## Second year

First semester

### Compulsory courses

PATH0004-1	<i>Digestive, urology, mother-child modules</i>				<b>19</b>
	- <i>Digestive and stomatologic pathologies</i> - Oreste BATTISTI, Philippe COUCKE, Philippe DELVENNE, Masendu KALENGA, Thierry LAHAYE, Philippe LEFÈBVRE, Edouard LOUIS, Paul MEUNIER, Michel MEURISSE, André SCHEEN	49	-	-	
	- <i>Urological pathologies</i> - Oreste BATTISTI, Philippe COUCKE, Philippe DELVENNE, Paul MEUNIER, André SCHEEN, David WALTREGNY	35	-	-	
	- <i>Gynaecological and genetic pathologies</i> - Vincent BOURS, Philippe COUCKE, Guillaume DEBRAY, Philippe DELVENNE, Guy JERUSALEM, Masendu KALENGA, Frédéric KRIDELKA, Eric LIFRANGE, Paul MEUNIER, André SCHEEN	41	-	-	
	- <i>Integration of knowledge including learning in clinical reasoning</i> - COLLÉGIALITÉ - [28h ITCR]	-	-	-	[+]
SANT0152-2	<i>Module on health and society A</i>				<b>3</b>
	- <i>Médecine et environnement</i> - Philippe MAIRIAUX	7,5	-	-	
	- <i>Principes généraux de Santé publique et d'économie de la Santé</i> - JeanYves REGINSTER	12	-	-	
MEDE0150-4	<i>Practical work</i>				<b>2</b>
	- <i>Medical imaging</i> - Paul MEUNIER	-	8	-	
	- <i>Anatomical pathology</i> - Philippe DELVENNE, Albert THIRY	-	12	-	
	- <i>Anaesthesia - Intensive Care</i> - JeanFrançois BRICHANT	2	12	-	
	- <i>Pharmacology</i> - André SCHEEN	-	4	-	

Second semester

### Compulsory courses

PATH0005-1	<i>Neurology, locomotor, ophthalmology-ENT, general modules</i>				<b>18</b>
	- <i>Neurological pathologies including genetics</i> - Vincent BOURS, Philippe COUCKE, Vincenzo D'ORIO, Guillaume DEBRAY, Pierre MAQUET, Didier MARTIN, JeanPaul MISSON, André SCHEEN, Luaba TSHIBANDA	64	-	-	
	- <i>Orthopaedic pathologies, including physical medicine</i> - Philippe COUCKE, JeanMichel CRIELAARD, Philippe DELVENNE, Philippe GILLET, JeanPaul MISSON, André SCHEEN, Paolo SIMONI	42	-	-	
	- <i>Ophthalmological pathologies and ENT</i> - Thierry LAHAYE, Philippe LEFÈBVRE, JeanMarie RAKIC	21	-	-	
	- <i>Pathology and general treatments, elements of anesthesia and analgesia, geriatrics</i> - JeanFrançois BRICHANT, JeanOlivier DEFRAIGNE, Jean PETERMANS	32	-	-	
	- <i>Integration of knowledge including learning in clinical reasoning</i> - COLLÉGIALITÉ - [30h ITCR]	-	-	-	[+]
SANT0153-2	<i>Health and Society Module B</i>				<b>4</b>
	- <i>Médecine légale</i> - Philippe BOXHO	15	-	-	
	- <i>Pathologies psychiatriques</i> - Marc ANSSEAU, Alain MALCHAIR	24	-	-	
MEDE0151-4	<i>Practical work</i>				<b>2</b>
	- <i>Medical imaging</i> - Paolo SIMONI, Luaba TSHIBANDA	-	8	-	
	- <i>Pathology</i> - Philippe DELVENNE, Albert THIRY	-	12	-	
	- <i>Pharmacology</i> - André SCHEEN	-	8	-	
	- <i>Philosophical anthropology of medical ethics</i> - Philippe BOXHO, JeanYves REGINSTER	6	-	-	

### Optional free courses

PATH0151-1 *Semiology of neurological diseases* - Pierre MAQUET 3 - - - **1**

1st and 2nd semester

### Compulsory courses

MSTG0759-1 *Observation placements in medicine* - COLLÉGIALITÉ - [112h Internship] - - [+] **12**

## Third year

**Compulsory courses**

CHIR0160-4	<i>Surgery</i> - JeanOlivier DEFRAIGNE, Philippe GILLET, Didier MARTIN, Michel MEURISSE, David WALTREGNY	30	9	-	2
MEDE0160-3	<i>Medicine</i> - Albert BECKERS, Yves BEGUIN, Vincenzo D'ORIO, Guy JERUSALEM, JeanMarie KRZESINSKI, Edouard LOUIS, Renaud LOUIS, Michel MALAISE, Pierre MAQUET, Michel MOUTSCHEN, Jean PETERMANS, Luc PIERARD, André SCHEEN	30	9	-	2
PEDIO160-4	<i>Pediatrics</i> - Oreste BATTISTI, JeanPierre BOURGUIGNON, Masendu KALENGA, JeanPaul MISSON, MarieChristine SEGHAYE	30	9	-	2
GYNE0160-4	<i>Gynecology and obstetrics</i> - Patrick EMONTS, Frédéric KRIDELKA, Michelle NISOLLE	30	9	-	2
MEDE1163-1	<i>Incorporation of competences</i>				2
	- <i>Workshop of complex problem solving</i> - Didier GIET - [48h LBOPS]	-	-		[+]
	- <i>Ambulatory medicine</i> - Didier GIET	-	4		-
	- <i>Palliative and End of Life Medicine</i> - JeanFrançois BRICHANT, MarieElisabeth FAYMONVILLE, Didier GIET, Guy JERUSALEM	10	-		-
	- <i>Critical Analysis of Alternative Practices</i> - MarieElisabeth FAYMONVILLE, André SCHEEN	10	-		-
	- <i>Questions of ethics (conferences)</i> - Philippe BOXHO, JeanYves REGINSTER	10	-		-
	- <i>Pathological anatomy</i> - Philippe DELVENNE	-	7		-
	- <i>Therapy</i> - COLLÉGIALITÉ	60	-		-
	- <i>Integrated clinics (Surgery 13h - Medicine 14h - paediatrics 11h - Gynecology and Obstetrics 7 h - ambulatory medicine 7h - pathological anatomy 11h)</i> - COLLÉGIALITÉ	-	63		-

**Compulsory Training**

MSTG0019-1	<i>Hospital placements</i>				50
	- <i>Internal medicine 1st month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Internal medicine 2nd month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Internal medicine 3rd month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Surgery 1st month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Surgery 2nd month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Surgery 3rd month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Paediatrics 1st month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Paediatrics 2nd month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Obstetrics and gynaecology 1st month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]
	- <i>Psychiatry 1st month of placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-		[+]

*Notice* : Two clinical placements of 4th Master can be made in the 3rd year in addition to those planned in the programme, provided that the student makes the request to the Board of Studies of September.

In addition, students are required to do a one-month internship in general medicine at any point during the first 18 months of the 3rd and 4th master (at the latest in December of the 4th master). This internship will be taken into account during the assessment occurring at the end of the 4th master.

**Optional free courses**

AUTO0160-2	<i>Demonstrations of autopsies (except the nervous and muscular system)</i> - Philippe DELVENNE, Albert THIRY	170	-	-	7
AUTO0161-1	<i>Demonstrations of autopsy : part : nervous and muscular system</i>	30	-	-	2
PVDE0160-1	<i>Tropical Diseases</i> - Philippe LÉONARD, Michel MOUTSCHEN	30	60	-	4
KINE0160-1	<i>Practical Physiotherapy Demonstrations</i> - JeanMichel CRIELAARD	-	-	-	2
SANG0160-1	<i>Blood groups and transfusion</i> - Danièle THULL	10	15	-	2
STAT0160-1	<i>Introduction to statistics applied to medicine</i> - N...	15	15	-	2

*Notice* : In addition to optional courses, students also have the option of following continuing education (ECD Certificate)

**Fourth year**

**Compulsory courses**

MTFE0160-2	<i>Final Work</i> - COLLÉGIALITÉ	-	100	-	15
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MEDE1163-2	<i>Incorporation of competences</i>				<b>8</b>
	- <i>Surgery</i> - JeanOlivier DEFRAIGNE, Philippe GILLET, Didier MARTIN, Michel MEURISSE, David WALTREGNY	30	9	-	
	- <i>Medicine</i> - Albert BECKERS, Yves BEGUIN, Vincenzo D'ORIO, Guy JERUSALEM, JeanMarie KRZESINSKI, Edouard LOUIS, Renaud LOUIS, Michel MALAISE, Pierre MAQUET, Michel MOUTSCHEN, Jean PETERMANS, Luc PIERARD, André SCHEEN	30	9	-	
	- <i>Paediatrics</i> - Oreste BATTISTI, JeanPierre BOURGUIGNON, Masendu KALENGA, JeanPaul MISSON, MarieChristine SEGHAYE	30	9	-	
	- <i>Gynaecology and obstetrics</i> - Patrick EMONTS, Frédéric KRIDELKA, Michelle NISOLLE	30	9	-	
	- <i>Workshop of complex problem solving</i> - Didier GIET - [48h LBOPS]	-	-	[+]	
	- <i>Ambulatory medicine</i> - Didier GIET	-	4	-	
	- <i>Palliative and End of Life Medicine</i> - JeanFrançois BRICHANT, MarieElisabeth FAYMONVILLE, Didier GIET, Guy JERUSALEM	10	-	-	
	- <i>Critical Analysis of Alternative Practices</i> - MarieElisabeth FAYMONVILLE, André SCHEEN	10	-	-	
	- <i>Questions of ethics (conferences)</i> - Philippe BOXHO, JeanYves REGINSTER	10	-	-	
	- <i>Pathological anatomy</i> - Philippe DELVENNE	-	7	-	
	- <i>Administrative and organizational aspects of medicine</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	10	-	-	
MEDE1162-1	<i>Integrated and therapeutic clinics</i>				<b>7</b>
	- <i>Therapy</i> - COLLÉGIALITÉ	60	-	-	
	- <i>Integrated clinics (13h Surgery, 14h Medical, 11h Paediatrics, 7h Obstetrics and Gynecology, 7h ambulatory medicine, 11h pathology)</i> - COLLÉGIALITÉ	-	63	-	

#### Optional free courses

AUTO0160-2	<i>Demonstrations of autopsies (except the nervous and muscular system)</i> - Philippe DELVENNE, Albert THIRY	170	-	-	<b>7</b>
AUTO0161-1	<i>Demonstrations of autopsy : part : nervous and muscular system</i>	30	-	-	<b>2</b>
PVDE0160-1	<i>Tropical Diseases</i> - Philippe LÉONARD, Michel MOUTSCHEN	30	60	-	<b>4</b>
KINE0160-1	<i>Practical Physiotherapy Demonstrations</i> - JeanMichel CRIELAARD	-	-	-	<b>2</b>
SANG0160-1	<i>Blood groups and transfusion</i> - Danièle THULL	10	15	-	<b>2</b>
STAT0160-1	<i>Introduction to statistics applied to medicine</i> - N...	15	15	-	<b>2</b>
HYGI0160-2	<i>Control of Nosocomial Infections</i> - Geneviève CHRISTIAENS	20	-	-	<b>2</b>
URGC0160-1	<i>Hospital Emergencies</i> - Vincenzo D'ORIO	8	-	-	<b>2</b>
MEGE1161-1	<i>General medicine course</i>				<b>20</b>
	- <i>Aspects spécifiques du développement humain</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	-	40	-	
	- <i>Introduction générale à la médecine générale</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	-	40	-	
	- <i>Aspects spécifiques de la pathologie et de la thérapeutique en médecine générale</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	-	40	-	
	- <i>Aspects spécifiques de psychologie médicale</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	-	40	-	
	- <i>Aspects sociaux de la médecine générale, partim : aspects administratifs et professionnels</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	-	20	-	
	- <i>Aspects sociaux de la médecine générale, partim : aspects de société</i> - JeanLuc BELCHE, Corine BOUÛAERT, Geneviève BRUWIER, Philippe BURETTE, Pierre FIRKET, Didier GIET, André MIGEOTTE, Christian MONTRIEUX, Marc VANMEERBEEK	-	20	-	

*Notice* : In addition to optional courses, students also have the option of following continuing education (ECD Certificate, Certificate in Spirometry, Additional teaching certificate in General Medicine)

## Professional Focus

### Compulsory Training

MSTG0753-1	<i>Placement leading to the focus</i>			<b>30</b>
	- Part I : 1st month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part II : 2nd month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part III : 3rd month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part IV : 4th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part V : 5th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part VI : 6th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part VII : 7th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part VIII : 8th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part IX : 9th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part X : 10th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]
	- Part XI : 11th month of placement - COLLÉGIALITÉ - [1mois Internship]	-	-	[+]

*Notice* : The student must have a training period activity of minimum 21 months in the 3rd and 4th years. If he/she wants, he/she can add maximum 3 months of training period (maximum 24 months during the 2nd year of Master) :

### Supplementary training period

MSTG0013-1	<i>Medical placement</i> - COLLÉGIALITÉ - [1mois Internship]	-	-	[+] <b>3</b>
MSTG0014-1	<i>Medical Internship</i> - COLLÉGIALITÉ - [1mois Internship]	-	-	[+] <b>3</b>
MSTG0015-1	<i>Medical internship</i> - COLLÉGIALITÉ - [1mois Internship]	-	-	[+] <b>3</b>

### Training programmes

The placements of the 3rd and 4th years of Master take place from July 1 until June 30 of the 2nd year. All the students have to practice a training activity in the clinical and/or laboratory or research department of minimum 21 months including minimum 16 months of clinical activities. Nevertheless, the students must have done 10 months of placement to access the 4th year of Master. The clinical, polyclinical or laboratory placements (including seminars) concerns the following disciplines :

#### Medicine

- \* General internal medicine - 200h - André Scheen
- \* Cardiology - 200h - Luc Piérard
- \* Diabetes, nutrition and metabolic diseases - 200h - André Scheen
- \* Endocrinology - 200h - Albert Beckers
- \* Gastroenterology - 200h - Edouard Louis
- \* Hematology - 200h - Yves Beguin
- \* Medical oncology - 200h - Guy Jerusalem
- \* Nephrology - 200h - Jean-Marie Krzesinski
- \* Neurology - 200h - Jean-Marie Krzesinski
- \* Pneumology - 200h - Renaud Louis
- \* Rheumatology - 200h - Michel Malaise
- \* Infectious diseases - 200h - Michel Moutschen
- \* Nuclear medicine - 200h - Roland Hustinx
- \* Emergencies - 200h - Vincenzo d'Orio
- \* Geriatrics - 200h - Jean Petermans

#### Surgery

- \* Trauma of musculoskeletal system and orthopaedics - 200h - Philippe Gillet
- \* Thoracic and vascular surgery - 200h - Jean-Olivier Defraigne
- \* Abdominal, endocrine and transplant surgery - 200h - Michel Meurisse
- \* Neurosurgery - 200h - Didier Martin

- \* Urology - 200h - David Waltregny
- \* Hand surgery and peripheral nerve - 200h - Alain Carlier
- \* Plastic and maxillofacial surgery - 200h

#### **Paediatrics**

- \* General paediatrics - 200h - Oreste Battisti
- \* Neonatology - 200h - Masendu Kalenga
- \* Ambulatory paediatrics and of the teenager - 200h - Jean-Pierre Bourguignon
- \* Neuropaediatrics - 200h - Jean-Paul Misson
- \* Paediatric cardiology and pneumology - 200h - Marie-Christine Seghayé

#### **Gynaecology and obstetrics**

- \* Gynaecology and obstetrics - 200h - Michelle Nisolle
- \* Gynaecology - 200h - Frédéric Kridelka
- \* Obstetrics - 200h - Patrick Emonts

#### **Psychiatry**

- \* Psychiatry - 200h - Marc Ansseau
- \* Child psychiatry - 200h - Alain Malchair

#### **Other specializations**

- \* Ophtalmology - 200h - Jean-Marie Rakic
- \* Otorhinolaryngology - 200h - Philippe Lefèbvre
- \* Dermatology - 200h - Arjen Nikkels
- \* Radiothérapie - 200h - Philippe Coucke
- \* Pathology - 200h - Philippe Delvenne
- \* Clinical biology - 200h - Marie-Pierre Hayette, Pierette Melin
- \* Genetics - 200h - Vincent Bours
- \* Forensic medicine - 200h - Philippe Boxho
- \* Physical and rehabilitation medicine  
- 200h - Jean-Michel Crielaard
- \* Medical imaging - 200h
- \* General medicine - 120h - Didier Giet
- \* Anaesthesia-intensive care - 200h - Jean-François Brichant
- \* Intensive care - 200h - Pierre Damas
- \* Occupational Medicine  
- 200h - Philippe Mairiaux