

### Information

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Health at work and health education Service

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### Presentation

The aim of the training is to turn the occupational physician an advisor in prevention who can :

- \* assess health hazards in the labour environment ;
- \* elaborate, plan and assess prevention programs ;
- \* work within a multidisciplinary team for work prevention and protectionl.

The programme is structured in two parts, each spread over two years.

The first part consists of theoretical and practical courses, planned activities and a training period of 8 weeks in a medical service ; its content meets the minimum requirements set by the Royal Decree of March 5, 1970 for the practice of occupational medicine in Belgium.

The second part involves additional compulsory courses chosen by the candidate, interdisciplinary seminars in conjunction with the practice of occupational medicine, and preparing and defending a scientific and personal work.

These two years of study correspond to the two years of specific training provided by the RD of September 5, 2006 (MB : September 25, 2006), setting the criteria for the approval of specialist doctor in occupational medicine. The access to this title of specialist doctor is also subject to the completion of 24 months of training in professional practice under the supervision of a tutor following a training plan previously approved by the Federal Public Service of Public Health.

### Duration

- \* Two years of study.
- \* The first and the second assessments are each carried out over two consecutive academic years to enable students to carry out the placements they need to obtain certification.

### Collegiality (1st year of training)

Coordinator : Philippe MAIRIAUX

Adelin ALBERT, Thierry BURY, Anne CHANTEUX, Jean-Paul CHAPELLE, Corinne CHARLIER, Jean-Louis CORHAY, Annie CORNET, Jean-Michel CRIELAARD, Bitia DEZFOULIAN, Jean-Michel FOIDART, Jean-Pierre HUSKIN, Tony HOSMANS, Roland HUSTINX, Philippe LEFEBVRE, Anne-Sophie NYSSSEN, Patrick PAPART, Jean-Marie RAKIC, Jean-Yves REGINSTER, Jean-Marie RIGO, Véra PIRLET.

### Collegiality (2nd year of training)

Coordinator : Philippe MAIRIAUX

Adelin ALBERT, Jean-Paul CHAPELLE, Philippe DELVENNE, Bitia DEZFOULIAN, Pierre DOUMONT, Jean-Jacques EMBRECHTS, Isabelle HANSEZ, Philippe LEFEBVRE, Anne-Sophie NYSSSEN, Jean-Marie RIGO, Véra PIRLET.

## First Year

Students carrying out this first study year over two years (maximum), take respectively 23 credits and 37 credits per year depending on the academic year in which they enrol (courses are organised every two years).

### Compulsory courses - Module 1 (23 ECTS)

#### Health and Work

MTRA2000-1 *Medico-psychological aspects of work* - Patrick PAPART 10 - - 2

MTRA2001-1 *Physiology of work* - Thierry BURY 15 - - 2

#### Epidemiology and statistics

MTRA2003-1 *Epidemiology in occupational medicine* - Jean-Yves REGINSTER - Suppl :  
Marc DUJARDIN 10 - - 2

#### Environment and work

MTRA2004-2 *Workplace health and environment hygiene* - Philippe MAIRIAUX 20 - - 2

GEST0275-1 *Work organization and prevention policy* - Annie CORNET - Suppl :  
Françoise GRODENT 15 - - 2

#### Physiopathology

MTRA2005-1 *Pathological and clinical prevention in professional appointments* 5

- Part I : *Internal medicine* - Jean-Louis CORHAY 30 - -

- Part II : *Dermatology* - Bitia DEZFOULIAN 8 - -

- Part III : *ENT and audiometry* - Philippe LEFEBVRE 10 - -

- Part IV : *Ophthalmology* - Jean-Marie RAKIC 6 - -

- Part V : *Protection of pregnant women* - Jean-Michel FOIDART 15 - -

	- Part VI : X-Ray Diagnostics of the locomotor apparatus - Paolo SIMONI	4	-	-	
MTRA2014-1	Toxic risks linked to chemical substances, Part I : Biological mechanisms of toxic action - Corinne CHARLIER	15	-	-	2
<b>Accident Safety</b>					
MTRA2009-1	Preparation for individual and collective emergencies in industry - Tony HOSMANS	15	-	-	2
<b>Management and legislation</b>					
MTRA2012-1	Budgets and management control - Anne CHANTEUX	15	-	-	2
<b>Radioprotection</b>					
MTRA2013-1	Elements of radioprotection and the law - Véra PIRLET	15	-	-	2
<b>Compulsory courses - Module 2 (37 ECTS) - Even years</b>					
<b>Health and Work</b>					
MTRA2002-1	Health education in the working environment - Philippe MAIRIAUX	10	-	-	2
<b>Epidemiology and statistics</b>					
STAT0420-1	Biostatistics II, 2nd year - Adelin ALBERT	15	15	-	4
<b>Environment and work</b>					
PSYC1022-1	Ergonomics - Anne-Sophie NYSSSEN, Pierre SOMVILLE	30	-	-	4
TOXI0002-1	Toxicological risk management in companies				2
	- Part 1 : General principles - Corinne CHARLIER	10	-	-	
	- Part 2 : Biological monitoring - Corinne CHARLIER	10	-	-	
<b>Physiopathology</b>					
MTRA2005-2	Pathological and clinical prevention in professional appointments, Part II : Dermatology - Bitia DEZFOULIAN	8	-	-	1
MTRA2014-2	Toxic risks linked to chemical substances, Part II : Biological exploration of mains functions - Jean-Paul CHAPELLE	15	-	-	2
<b>Accident Safety</b>					
MTRA2008-1	Safety at work : technology and prevention - Jean-Marie RIGO	12	-	-	2
MTRA2026-1	Evaluation and professional rehabilitation of traumatized and disabled people, 1st year - Jean-Michel CRIELAARD - Suppl : Jean-Pierre HUSKIN	20	-	-	2
<b>Management and legislation</b>					
MTRA2011-1	Organisation of workplace medical facilities				6
	- Part 1 : Legislation and administration - Philippe MAIRIAUX	30	-	-	
	- Part 2 : Risk analysis in businesses - Philippe MAIRIAUX	-	30	-	
<b>Radioprotection</b>					
RADI2001-1	Radioprotection : Hygiene problems - Roland HUSTINX	15	-	-	2
<b>Training programmes</b>					
MSTG2020-1	Placements - COLLÉGIALITÉ - [8w Internship]	-	-	[+]	10

## Second year

Students can extend this second study year over two years (maximum), but the extension programme must be approved by the Board of Studies (minimum of 15 credits per year).

### Compulsory courses

MMEM2000-1	Preparation and defence of final thesis - COLLÉGIALITÉ	-	-	-	26
MTRA2015-1	Interdisciplinary seminars in risk assessment in the working environment - Isabelle HANSEZ, Philippe MAIRIAUX, Jean-Marie RIGO - [25h SEM]	-	-	[+]	7
MTRA2016-1	Interdisciplinary seminars in occupational health management - Philippe MAIRIAUX - [25h SEM]	-	-	[+]	7
MTRA2017-1	Industry visits I - Philippe MAIRIAUX - [12h Vis. Ind. Pl. ]	-	-	[+]	2
MTRA2035-1	Industry visits II - Philippe MAIRIAUX - [12h Vis. Ind. Pl. ]	-	-	[+]	2
INFO0721-4	Computing and Health - Adelin ALBERT, Anne-Françoise DONNEAU, Laurence HABIMANA, Annie ROBERT	15	-	-	3
MTRA2018-1	Acoustics and lighting - Jean-Jacques EMBRECHTS	15	-	-	3

### Optional courses

Choose one of the following courses :

Notice : The choice of options depends on the agreement of the jury.

MTRA2027-1	Scientific methodology - COLLÉGIALITÉ	60	-	-	10
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MTRA2028-1	<i>Ergonomics and evaluating risk</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>
MTRA2029-1	<i>Psychosocial elements</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>
MTRA2030-1	<i>Radioprotection</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>
MTRA2031-1	<i>Tabacology and addiction</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>
MTRA2032-1	<i>Safety at work and accidents</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>
MTRA2033-1	<i>Complements to professional pathology</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>