

### Information

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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 university studies.
- \* 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

Thierry BURY, Etienne CAVALIER, Anne CHANTEUX, Corinne CHARLIER, Jean-Louis CORHAY, Annie CORNET, Jean-Michel CRIELAARD, Clio RIBBENS, Bita DEZFOULIAN, Patrick EMONTS, 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

Etienne CAVALIER, Philippe DELVENNE, Bita 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* - Marc DUJARDIN, JeanYves REGINSTER 10 - - 2

#### Environment and work

MTRA2004-2 *Environmental and occupational hygiene* - Philippe MAIRIAUX 20 - - 2

GEST0953-1 *Organizations management* - Christina CONSTANTINIDIS 25 - - 2

#### Physiopathology

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

- Part 1 : *Internal medicine* - JeanLouis CORHAY 30 - -

- Part 3 : *ENT and audiometry* - Philippe LEFÈBVRE 10 - -

- Part 4 : *Ophthalmology* - JeanMarie RAKIC 6 - -

- Part V : *Protection of pregnant women* - Patrick EMONTS 15 - -

- Part 6 : *X-Ray Diagnostics of the locomotor apparatus* - Paolo SIMONI 4 - -

MTRA2014-1 *Toxic risks linked to chemical substances, Part I : Biological mechanisms of toxic* 15 - - 2

action - Corinne CHARLIER

**Accident Safety**

MTRA2009-1 *Preparation for individual and collective emergencies in industry* - Tony HOSMANS 15 - - 2

**Management and legislation**

MTRA2012-1 *Budgets and management control* - Anne CHANTEUX 15 - - 2

**Radioprotection**

MTRA2013-1 *Elements of radioprotection and legislation* - Véra PIRLET 15 - - 2

**Compulsory courses - Module 2 (37 ECTS) - Even years**

**Health and Work**

MTRA2002-1 *Health education in the working environment* - Michel MULLER 10 - - 2

**Epidemiology and statistics**

STAT0420-1 *Biostatistics 2 - N... - Suppl* : Adelin ALBERT 15 15 - 4

**Environment and work**

PSYC1022-1 *Ergonomics* - AnneSophie 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 - -

**Physiopathology**

MTRA2005-2 *Pathological and clinical prevention in professional appointments, Part 2 : Dermatology* - Bita DEZFOULIAN 8 - - 1

MTRA2014-2 *Toxic risks linked to chemical substances, Part II : Biological exploration of mains functions* - Etienne CAVALIER 15 - - 2

**Accident Safety**

MTRA2008-1 *Safety at work : technology and prevention* - JeanMarie RIGO 12 - - 2

MTRA2026-1 *Evaluation and professional rehabilitation of traumatized and disabled people* - JeanMichel CRIELAARD, Clio RIBBENS 20 - - 2

**Management and legislation**

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 -

**Radioprotection**

RADI2001-1 *Radioprotection : Hygiene problems, 1st year* - Roland HUSTINX 15 - - 2

**Training programmes**

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, JeanMarie 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**

INFO0721-5 *Computing and Health* - FrançoisAndré ALLAERT 15 - - **3**

MTRA2018-1 *Acoustics and lighting* - JeanJacques 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**

MTRA2028-1 *Ergonomics and evaluating risk* - COLLÉGIALITÉ 60 - - **10**

MTRA2029-1 *Psychosocial elements* - COLLÉGIALITÉ 60 - - **10**

MTRA2030-1 *Radioprotection* - COLLÉGIALITÉ 60 - - **10**

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>Complement of professional pathology</i> - COLLÉGIALITÉ	60	-	-	<b>10</b>