

Postgraduate Studies

Fire Safety Engineering

Ghent University – Belgium

Coordinator: prof. Bart Merci (Bart.Merci@UGent.be)

Edition 2009 – 2010 – What's new?

From 2009 onwards, it is possible to attend the program in a modular way. Individual courses can also be taken.

Program

The following table provides an overview of the program. Unless stated otherwise, the courses are taught every two years.

Course	Prof.	Mod	Sem	Next ed.	E
Steel and concrete structures*	L. Taerwe	1	1	every year	6
Thermodynamics, Heat and Mass Transfer*	P. Rauwoens	1	1	every year	6
Fire Dynamics	B. Merci	1	1	2009 – 2010	6
Fluid Mechanics Applications in Fire	R. Verhoeven	1	2	2009 – 2010	3
Industrial Fire Protection and Explosions	F. Verplaetsen	1	2	2009 – 2010	3
Passive Fire Protection	P. Vandevelde L. Taerwe	2	1	2010 – 2011	6
Active Fire Protection I: Detection and Suppression	S. Devolder	2	1	2010 – 2011	3
Active Fire Protection II: Smoke and Heat Control	B. Merci	2	2	2010 – 2011	3
Risk Management	B. Ale	3	1	2009 – 2010	3
Fire Safety Regulation	J. De Saedeleer	3	2	2009 – 2010	3
Interaction between People and Fire	E. Galea	3	2	2010 – 2011	3
Performance-Based Design	P. Vandevelde	3	2	2010 – 2011	6
Dissertation		4	1-2	every year	15

*Depending on the pre-education, the participant attends one of these two courses.

Four modules have been defined:

- Module 1: Basic Knowledge on Fire Safety Engineering
- Module 2: Passive and Active Fire Protection
- Module 3: Risk Management, Regulation and Human Behaviour
- Module 4: Dissertation

Module 4 can be taken every year, but only after (or during) completion of the other three modules.

The classes take place on Thursdays (from 4p.m. until 8p.m.) and on Fridays (from 8:30a.m. until 6p.m.). The first semester runs from the end of September until the middle of December. The second semester runs from the beginning of February until the middle of May. The corresponding examination periods are in January and June. Each semester consists of 12 weeks.

The **next edition** starts in **September 2009**.

The basic structure at Ghent University is the 'academic year'. This means that one can register for an academic year and attend courses that reside under different modules. Also, if one wants to register for courses in a module that takes place in the second semester only, registration is already required in September.

Registration Fee

The registration fee consists of three parts:

- 'regular student fee': ±€550 in 2009;
- Administration cost: ±€60 in 2009;
- Course Fee.

The 'regular student fee' and the administration cost must be paid before the start of every academic year.

The course fee equals the sum of the fees for individual courses:

- 3 ECTS credits (E = 3): €400;
- 6 ECTS credits (E = 6): €800;
- 15 ECTS credits (E = 15): €2000.

Thus, the course fees are:

- module 1: €2400;
- module 2: €1600;
- module 3: €2000;
- module 4: €2000;
- complete program: €8000.

Registration Procedure

The registration procedure is described on:

http://www.firw.ugent.be/toekomst/default.jsp?id=toekomst_pg1

If you are interested in the program, you are encouraged to contact prof. Merci as soon as possible, as the registration procedure may take several weeks. More details are found on the web site.