

Domeinspecifieke leerresultatenkader

datum	Cluster	: -
9 februari 2015		
onderwerp	Opleiding	: Master of Science in Fire Safety Engineering (master)
Domeinspecifieke leerresultaten		
Master of Science in Fire Safety Engineering (master)	Niveau	:
	o Vlaamse Kwalificatiestructuur	7
	o Codex Hoger Onderwijs	MA
	o Europese Hoger Onderwijs Ruimte (Dublin-descriptoren)	2e cyclus
	o Europees Kwalificatiekader voor een Leven Lang Leren	7

Opleiding wordt aangeboden aan de volgende instellingen:

- Universiteit Gent

Domeinspecifieke leerresultaten van de opleiding:

The programme management drafted the programme's discipline-specific learning outcomes. According to these learning outcomes, the graduates should be able to:

- Demonstrate knowledge of and understanding in fire safety engineering, including both broad scientific knowledge of the field and substantially deeper knowledge of at least one subfield.
- Possess deeper insight into current research and development work in fire safety engineering.
- Demonstrate advanced knowledge of and understanding in thermodynamics and fluid mechanics.
- Demonstrate basic knowledge of and understanding in structural engineering.
- Critically and systematically integrate knowledge and analyze, assess and deal with complex fire safety engineering related phenomena, issues and situations within specified time limits, even when limited information is available.
- Present and discuss conclusions on the basis of scientifically founded knowledge and arguments, in dialogue with different groups, orally and in writing, in national and international contexts.
- Demonstrate skills required to participate in research and development or to work in

other specialized professional contexts.

- Assess performance-based design in the context of fire safety engineering, taking into account relevant human behavior, scientific, social, economic and ethical aspects, and demonstrate awareness regarding ethical aspects in research and development.
- Demonstrate insight in the potential and limitations of fire safety engineering, taking into account user responsibility.
- Demonstrate the ability to identify the need to expand and develop knowledge.

Datum validatie: 9 februari 2015