GHENT UNIVERSITY

Study Programme

Academic year 2022-2023

Faculty of Engineering and Architecture

Postgraduate Studies in Fire Safety Engineering

Language of instruction: English

Programme version 11

1 General Courses — 39 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E051430	Fire Dynamics Tarek Beji -- Department of Structural Engineering and Building Materials	6			(A:1)[d]	180
2	E051512	Design for Structural Fire Resistance Emmanuel Annerel -- Department of Structural Engineering and Building Materials	3			B:1[a]	90
3	E051450	Industrial Fire Protection and Explosions Filip Verplaetsen -- Department of Structural Engineering and Building Materials	3			(A:2)[d]	90
4	E051560	FSE Based Firefighting Karel Lambert -- Department of Structural Engineering and Building Materials	3			(C:2)[d]	90
5	E051500	Risk Management Robby Caspeele -- Department of Structural Engineering and Building Materials	3			(A:2)[d]	90
6	E051441	Fire Safety and Legislation Jan De Saedeleer -- Department of Structural Engineering and Building Materials	3			(A:1)[d]	90
7	E051480	Active Fire Protection I: Detection and Suppression Christian Gryspeert -- Department of Structural Engineering and Building Materials	3			A:2[a]	90
8	E051460	Interaction between People and Fire Edwin Galea -- Department of Structural Engineering and Building Materials	3			A:2[a]	90
9	E051490	Active Fire Protection II: Smoke and Heat Control Bart Merci -- Department of Structural Engineering and Building Materials	3			A:1[a]	90
10	E051610	Passive Fire Protection Emmanuel Annerel -- Department of Structural Engineering and Building Materials	3			B:1[a]	90
11	E061520	Performance-Based Design Patrick van Hees -- Department of Structural Engineering and Building Materials	6			A:2[a]	180

2 Elective Courses — 6 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E039160	Thermodynamics, Heat and Mass Transfer Georgios Maragkos -- Department of Structural Engineering and Building Materials	6			A:1	180
2	E051511	Analysis of Structures Ruben Van Coile -- Department of Structural Engineering and Building Materials	3			B:1	90
3	E051570	Material Behaviour at Ambient and Elevated Temperatures Bart Merci -- Department of Structural Engineering and Building Materials	3			B:1	90

3 Project — 15 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E091270	DISSERTATION	15		2	A:J	450

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the cours name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Kroatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2.
When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.
When a semester is shown in brackets, the course in not offered this year in the specific offering.
The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2023-2024	f: annually, from 2024-2025	i: annually, from 2025-2026
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025	j: bi-annually, from 2025-2026
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025	k: tri-annually, from 2025-2026