

## 1 General Courses

*Subscribe to 90 credit units from no less than 2 and no more than 3 modules from the following list. Subject to approval by the faculty. In accordance with the mobility scheme of the student.*

### 1.1 General Courses Ghent University

*Subscribe to no less than 30 and no more than 60 credit units from the following list. Subject to approval by the faculty.*

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Basics of Structural Engineering	Ruben Van Coile TW14	9		1	1		75	270
2	Fire Dynamics	Tarek Beji TW14	6		1	1		60	180
3	Thermodynamics, Heat and Mass Transfer	Ivana Stankovic TW14	6		1	1		60	180
4	Explosions and Industrial Fire Safety	Filip Verplaetsen TW14	6		1	1		45	180
5	Passive Fire Protection	Emmanuel Annerel TW14	6		2	1		45	180
6	Active Fire Protection I: Detection and Suppression	Christian Gryspeert TW14	6		2	1		60	180
7	Active Fire Protection II: Smoke and Heat Control	Bart Merci TW14	3		2	1		60	90
8	Fire Safety and Legislation	Jan De Saedeleer TW14	3		2	1		15	90
9	Performance-Based Design	Patrick van Hees TW14	6		2	1		30	180

#### 1.1.1 Elective Courses Ghent University

*Subscribe to 9 credit units from the following list, distributed over the first standard learning path as follows:*

- 3 credit units in year 1,
- 6 credit units in year 2.

*Subject to approval by the faculty.*

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Introduction to Entrepreneurship	Petra Andries EB23	3				1	15	90
2	Turbomachines	Joris Degroote TW08	6				1	60	180
3	Modelling of Turbulence and Combustion	Bart Merci TW14	3				1	15	90
4	Computational Fluid Dynamics	Joris Degroote TW08	3				1	30	90
5	FSE Based Firefighting	Karel Lambert TW14	3				1	22.5	90

### 1.2 General Courses The University of Edinburgh

*Subscribe to no less than 30 and no more than 60 credit units from the following list. Subject to approval by the faculty.*

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Fire Science and Fire Dynamics	Ricky Carvel EDINBU01	9		1	1		33	270
2	Fire Safety Engineering	Stephen Welch EDINBU01	6		1	1		22	180
3	Fire Safety, Engineering and Society	Graham Spinardi EDINBU01	9		1	1		33	270
4	Structural Mechanics	Yong Lu EDINBU03	6		1	1		22	180
5	Finite Element Analysis for Solids	Pankaj Pankaj EDINBU01	6		2	1		41	180
6	Fire Science Laboratory	Grunde Jomaas EDINBU01	9		2	1		66	270
7	Fire Investigation and Failure Analysis	Rory Hadden EDINBU01	9		2	1		33	270
8	Structural Design for Fire	Angus Law EDINBU01	6		2	1		22	180

### 1.3 General Courses Lund University

*Subscribe to 30 credit units from the following list. Subject to approval by the faculty.*

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Risk Assessment	Håkan Frantzich LUND01	8		1	2		74	240
2	Advanced Fire Dynamics	Nils Johansson LUND01	9		1	2		50	270
3	Human Behaviour in Fire	Enrico Ronchi LUND01	8		1	2		48	240
4	Simulation of Fires in Enclosures	Jonathan Wahlqvist LUND01	5		1	2		25	150

## 2 Master's Dissertation

*Subscribe to 30 credit units from the following list. Subject to approval by the faculty.  
The student can take the Master's Dissertation at one of the partner universities, in accordance with his/her mobility scheme.*

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Master's Dissertation		30		2	2		75	900

### Teaching languages

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 course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/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 is 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 2020-2021	f: annually, from 2021-2022	i: annually, from 2022-2023
b: tri-annually	d: bi-annually, from 2020-2021	g: bi-annually, from 2021-2022	j: bi-annually, from 2022-2023
	e: tri-annually, from 2020-2021	h: tri-annually, from 2021-2022	k: tri-annually, from 2022-2023