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Study Programme

Academic year 2022-2023

Faculty of Engineering and Architecture Postgraduate Studies in Fire Safety Engineering

Language of instruction: English Programme version 11

General Courses 39 credits E051430 Fire Dynamics 6 (A:1)^d Tarek Beji -- Department of Structural Engineering and Building Materials E051512 Design for Structural Fire Resistance 3 B:1^a Emmanuel Annerel -- Department of Structural Engineering and Building Materials E051450 Industrial Fire Protection and Explosions 3 (A:2)^d Filip Verplaetsen -- Department of Structural Engineering and Building Materials E051560 FSE Based Firefighting 3 (C:2)^d Karel Lambert -- Department of Structural Engineering and Building Materials E051500 Risk Management 3 (A:2)^d Robby Caspeele -- Department of Structural Engineering and Building Materials E051441 Fire Safety and Legislation 3 (A:1)^d Jan De Saedeleer -- Department of Structural Engineering and Building Materials E051480 Active Fire Protection I: Detection and Suppression 3 A:2^a Christian Gryspeert -- Department of Structural Engineering and Building Materials E051460 Interaction between People and Fire 3 A:2^a Edwin Galea -- Department of Structural Engineering and Building Materials E051490 Active Fire Protection II: Smoke and Heat Control 3 A:1^a Bart Merci -- Department of Structural Engineering and Building Materials 10 E051610 Passive Fire Protection 3 B:1^a Emmanuel Annerel -- Department of Structural Engineering and Building Materials 11 E061520 Performance-Based Design 6 A:2^a Patrick van Hees -- Department of Structural Engineering and Building Materials

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

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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: b: tri-annually d: bi-annually, from 2023-2024 g: e: tri-annually, from 2023-2024 h:	bi-annually, from 2024-2025 tri-annually, from 2024-2025
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