

## Fire Safety and Legislation (E051443)

**Course size** (nominal values; actual values may depend on programme)

**Credits** 3.0      **Study time** 90 h      **Contact hrs** 15.0 h

**Course offerings and teaching methods in academic year 2017-2018**

A (semester 1)      lecture      15.0 h

**Lecturers in academic year 2017-2018**

De Saedeleer, Jan      TW03      lecturer-in-charge

**Offered in the following programmes in 2017-2018**

|   | crdts | offering |
|---|-------|----------|
| <a href="#">Bridging Programme Master of Science in Fire Safety Engineering</a> | 3     | A        |
| <a href="#">International Master of Science in Fire Safety Engineering</a>      | 3     | A        |
| <a href="#">Master of Science in Fire Safety Engineering</a>                    | 3     | A        |

**Teaching languages**

English

**Keywords**

Belgian and European legislation and regulation

**Position of the course**

In this part of the course, students gain an in-depth insight into the thinking behind legislation and regulations, starting from the concepts that they are based on. The students gain insight into the structure of the different authorities, as well as into the validity of legislation and standards. Students will learn to find the up-to-date legislation. This part of course fits in with the key competences: - being able to work within the existing legal framework - and aimed at the application of the most recent legislation.

**Contents**

- Legal framework: Introduction (Definition, sources of law,...), Authorities (Competences, functions, type of authority (local, national, supranational, international),...), Contents of legislation (General, building regulations (B, NL, D, UK, F) occupational safety and health,...), Enforcement (Liability, control (courts, fire brigade),...)
- Technical specifications: Building regulations (Construction products directive and "Koninklijk besluit van 7 juli 1994", Approved document B - Volume 2, "Bouwbesluit 2012"), Occupational safety and health legislation (ARAB art. 52)

**Initial competences**

Fire Dynamics

**Final competences**

- 1 INSIGHTS: critical insight into existing legislation and regulations; insight in the structure of the legislative and regulating authorities; have knowledge of the validity and the status of legal sources and being able to follow-up its evolution
- 2 COMPETENCES: adopt an attitude aimed at the follow-up and application of the most recent legislation

**Conditions for credit contract**

This course unit cannot be taken via a credit contract

**Conditions for exam contract**

This course unit cannot be taken via an exam contract

**Teaching methods**

Lecture

**Extra information on the teaching methods**

Lecture accompanied by a presentation, exercises and case studies.

**Learning materials and price**

Textbook (English)

Legislation ("Koninklijk besluit van 7 juli 1994", Approved document B - Volume 2,...)

Slides

**References****Course content-related study coaching**

Interactive support through Minerva (forums, e-mail)

**Evaluation methods**

end-of-term evaluation

**Examination methods in case of periodic evaluation during the first examination period**

Open book examination

**Examination methods in case of periodic evaluation during the second examination period**

Open book examination

**Examination methods in case of permanent evaluation****Possibilities of retake in case of permanent evaluation**

not applicable

**Extra information on the examination methods**

During examination period: open-book exam with multiple choice questions, and open questions with written answers (that can be defended orally)

**Calculation of the examination mark**

Multiple choice