

Faculty of Engineering and Architecture
Master of Science in Civil Engineering Technology

Language of instruction: Dutch
Programme version 12

1 General Courses 36 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|----------|-------|
| 1 | E715030 CAE <i>Veerle Boel -- Department of Structural Engineering and Building Materials</i> | 3 | | 1 | A:1 | 90 |
| 2 | E715017 Bridge Engineering <i>Wouter De Corte -- Department of Structural Engineering and Building Materials</i> | 6 | | 1 | A:1 | 180 |
| 3 | E711068 Foundation and Retevment Engineering <i>Geert Versweyveld -- Department of Structural Engineering and Building Materials</i> | 3 | | 1 | A:1 | 90 |
| 4 | E076621 Principles of Law and Construction Law <i>Jelle Laverge -- Department of Architecture and Urban Planning</i> | 3 | | 1 | A:1 | 90 |
| 5 | E715036 Materials Research <i>Ignas Vandenbruwane -- Department of Structural Engineering and Building Materials</i> | 3 | | 1 | A:1 | 85 |
| 6 | E715037 Master Work Placement Building Technology <i>Hilde Witters -- Department of Structural Engineering and Building Materials</i> | 6 | | 1 | A:1, B:2 | 180 |
| 7 | E715026 Multidisciplinair Project Building Technology <i>Ignas Vandenbruwane -- Department of Structural Engineering and Building Materials</i> | 12 | | 1 | A:J | 350 |

2 Elective Courses 6 credits

Subscribe to 6 credit units from the following list. Subject to approval by the faculty.

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | F001020 Introduction to Entrepreneurship [en] <i>Petra Andries -- Department of Marketing, Innovation and Organisation</i> | 3 | | 1 | A:1 | 90 |
| 2 | E076471 Dare to Start [en] <i>Wouter Haerick -- Department of Information Technology</i> | 3 | | 1 | A:2 | 90 |
| 3 | E715031 Geotechnical Structures <i>Dirk Vinckier -- Department of Civil Engineering</i> | 3 | | 1 | A:1 | 90 |
| 4 | E715006 Experts Appraisal & Estimate <i>Hilde Witters -- Department of Structural Engineering and Building Materials</i> | 6 | | 1 | A:1 | 170 |
| 5 | E715034 Structural Applications of Steel and Composites <i>Wouter De Corte -- Department of Structural Engineering and Building Materials</i> | 3 | | 1 | A:2 | 90 |
| 6 | E081850 Life Cycle Assessment of Buildings <i>Marijke Steeman -- Department of Architecture and Urban Planning</i> | 4 | | 1 | A:2 | 120 |
| 7 | E076820 Project Management | 6 | | 1 | | 180 |
| 8 | E711051 Energy Performance of Buildings <i>Marijke Steeman -- Department of Architecture and Urban Planning</i> | 3 | | 1 | A:2 | 90 |
| 9 | E711065 Construction Technology <i>Geert Versweyveld -- Department of Structural Engineering and Building Materials</i> | 3 | | 1 | A:1 | 90 |
| 10 | E081830 Performance-based design: Fire Protection of Buildings [en] <i>Bart Merci -- Department of Structural Engineering and Building Materials</i> | 3 | | 1 | B:2 | 90 |
| 11 | E098010 Integrated Portfolio [en, nl] <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 3 | | 1 | B:J | 90 |

3 Master's Dissertation 18 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|-------------------------------|------|-----|-----|---------|-------|
| 1 | E705002 Master's Dissertation | 18 | | 1 | A:J | 540 |

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 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 2027-2028 | f: annually, from 2028-2029 | i: annually, from 2029-2030 |
| b: tri-annually | d: bi-annually, from 2027-2028 | g: bi-annually, from 2028-2029 | j: bi-annually, from 2029-2030 |
| | e: tri-annually, from 2027-2028 | h: tri-annually, from 2028-2029 | k: tri-annually, from 2029-2030 |