GHENT UNIVERSITY

Study Programme

Academic year 2025-2026

Faculty of Engineering and Architecture

Linking Course Master of Science in Civil Engineering Technology -- Civil Engineering

Language of instruction: Dutch

Programme version 1

1 General Courses

The student takes one of the following tracks, depending on the result of the qualification test. The reduced track can only be followed on the condition that the student passes the qualification test.
More information on the qualification test: ugent.be/ea

1.1 76 credits

1.1.1 58 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E701033	Mathematics I *Tanja Van Hecke -- Department of Information Technology*	6		1	A:1	180
2	E702030	Mechanics of Materials *Marc Wouters -- Department of Materials, Textiles and Chemical Engineering*	3		1	A:1	90
3	E702080	Thermodynamics and Fluid Mechanics *Tom Claessens -- Department of Materials, Textiles and Chemical Engineering*	6		1	A:1	180
4	E711064	Geotechnics *Dirk Vinckier -- Department of Civil Engineering*	3		1	A:1	90
5	E711057	Building Physics *Marijke Steeman -- Department of Architecture and Urban Planning*	4		1	A:1	120
6	E711023	Structural Analysis Calculation Techniques I *Wouter Botte -- Department of Structural Engineering and Building Materials*	3		1	A:1	90
7	E711038	Design of Concrete Structures I *Veerle Boel -- Department of Structural Engineering and Building Materials*	6		1	A:1	180
8	E701034	Mathematics II *Tanja Van Hecke -- Department of Information Technology*	6		1	A:2	180
9	E701056	Physics *Sven Van Loo -- Department of Applied Physics*	6		1	A:2	180
10	E715027	Works in and around the Area and Infrastructure *Hilde Witters -- Department of Structural Engineering and Building Materials*	3		1	A:2	90
11	E711054	Construction of Buildings II *Jan Belis -- Department of Structural Engineering and Building Materials*	3		1	A:2	90
12	E711090	Project and Site Management *Geert Versweyveld -- Department of Structural Engineering and Building Materials*	3		2	A:2	90
13	E711062	Interdisciplinary End Project *Greet Deruyter -- Department of Civil Engineering*	6		2	A:2	180

1.1.2 18 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E711034	Steel Construction I *Wouter Botte -- Department of Structural Engineering and Building Materials*	3		1	A:1	90
2	E711028	Structural Analysis Calculation Techniques II *Wouter Botte -- Department of Structural Engineering and Building Materials*	6		1	A:2	180
3	E711063	Design of Concrete Structures II *Veerle Boel -- Department of Structural Engineering and Building Materials*	3		1	A:2	90

4	E711026	Finite Element Applications in Structural Engineering *Wouter De Corte -- Department of Structural Engineering and Building Materials*	3	2	A:2	90
5	E711080	Building Services *Jelle Laverge -- Department of Architecture and Urban Planning*	3	2	B:2	90

1.2 63 credits

1.2.1 45 credits

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1	E701033	Mathematics I *Tanja Van Hecke -- Department of Information Technology*	6		1	A:1	180
2	E702080	Thermodynamics and Fluid Mechanics *Tom Claessens -- Department of Materials, Textiles and Chemical Engineering*	6		1	A:1	180
3	E711064	Geotechnics *Dirk Vinckier -- Department of Civil Engineering*	3		1	A:1	90
4	E711023	Structural Analysis Calculation Techniques I *Wouter Botte -- Department of Structural Engineering and Building Materials*	3		1	A:1	90
5	E711038	Design of Concrete Structures I *Veerle Boel -- Department of Structural Engineering and Building Materials*	6		1	A:1	180
6	E701034	Mathematics II *Tanja Van Hecke -- Department of Information Technology*	6		1	A:2	180
7	E715027	Works in and around the Area and Infrastructure *Hilde Witters -- Department of Structural Engineering and Building Materials*	3		1	A:2	90
8	E711054	Construction of Buildings II *Jan Belis -- Department of Structural Engineering and Building Materials*	3		1	A:2	90
9	E711090	Project and Site Management *Geert Versweyveld -- Department of Structural Engineering and Building Materials*	3		2	A:2	90
10	E711062	Interdisciplinary End Project *Greet Deruyter -- Department of Civil Engineering*	6		2	A:2	180

1.2.2 18 credits

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1	E711034	Steel Construction I *Wouter Botte -- Department of Structural Engineering and Building Materials*	3		1	A:1	90
2	E711028	Structural Analysis Calculation Techniques II *Wouter Botte -- Department of Structural Engineering and Building Materials*	6		1	A:2	180
3	E711063	Design of Concrete Structures II *Veerle Boel -- Department of Structural Engineering and Building Materials*	3		1	A:2	90
4	E711026	Finite Element Applications in Structural Engineering *Wouter De Corte -- Department of Structural Engineering and Building Materials*	3		2	A:2	90
5	E711080	Building Services *Jelle Laverge -- Department of Architecture and Urban Planning*	3		2	B:2	90

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 2026-2027	f: annually, from 2027-2028	i: annually, from 2028-2029
b: tri-annually	d: bi-annually, from 2026-2027	g: bi-annually, from 2027-2028	j: bi-annually, from 2028-2029
	e: tri-annually, from 2026-2027	h: tri-annually, from 2027-2028	k: tri-annually, from 2028-2029