

# Study Programme

Academic year 2025-2026

### Faculty of Engineering and Architecture

Bachelor of Science in Engineering Technology -- Civil Engineering Technology

## Language of instruction: Dutch

#### Programme version 8

1 E701033 Mathematics I Tanja Van Hecke - Department of Information Technology 6 1 A:1 18   2 E701023 General Chemistry Maarten Sabe - Department of Materials, Textiles and Chemical Engineering 6 1 A:1 18   3 E701024 Electricity ture bupet - Department of Electromechanical, Systems and Metal Engineering 6 1 A:1 18   4 E701051 Design Tools Kathieen Geikere - Department of Structural Engineering and Building Materials 3 1 A:1 19   5 E701029 Materials Geert De Clercq - Department of Materials, Textiles and Chemical Engineering 3 1 A:1 18   6 E701030 Mechanics Hechanics Tom Classesers - Department of Materials, Textiles and Chemical Engineering 6 1 A:1 18   7 E701052 Engineering Project Kathieen Geikere - Department of Structural Engineering and Building Materials 6 1 A:2 18   8 E701054 Mathematics II Tonaja Van Hecke - Department of Information Technology 6 1 A:2 18   9 E701055 Computer Science Los Hecker - Department of Information Technology <td< th=""><th>1 General</th><th>I Courses</th><th></th><th></th><th>60 (</th><th>credits</th></td<>	1 General	I Courses			60 (	credits
2 E701023 General Chemistry Maarten Sabbe - Department of Materials, Textiles and Chemical Engineering 6 1 A:1 18   3 E70102 Electricity Luc Duyré - Department of Electromechanical, Systems and Metal Engineering 6 1 A:1 18   4 E70105 Design Tools Kathleen Gekiere - Department of Structural Engineering and Building Materials Geent De Clerar - Department of Materials, Textiles and Chemical Engineering Geent De Clerar - Department of Materials, Textiles and Chemical Engineering 3 1 A:1 90   6 E70103 Mechanics Tom Classens - Department of Materials, Textiles and Chemical Engineering 6 1 A:J 18   7 E70105 Engineering Project Kathleen Gekiere - Department of Structural Engineering and Building Materials 5 1 A:J 15   8 E70103 Mathematics II Tania Van Hecke - Department of Structural Engineering and Building Materials 6 1 A:2 18   9 E70105 Physics Superivine Gekiere - Department of Information Technology 6 1 A:2 18   10 E701053 Computer Science Helga Massens - Department of Information Systems 3 1 A:2 90   11 E701055						Study 180
3 E701024 Electricity Luc Duoté - Department of Electromechanical, Systems and Metal Engineering 6 1 A:1 12   4 E701051 Design Tools Kathleen Gekiere - Department of Structural Engineering and Building Materials Geert De Clercq Department of Materials, Textiles and Chemical Engineering 3 1 A:1 90   5 E701029 Materials Geert De Clercq Department of Materials, Textiles and Chemical Engineering 6 1 A:1 90   6 E701030 Mechanics Tom Classens - Department of Materials, Textiles and Chemical Engineering 6 1 A:3 18   7 E701052 Engineering Project Kathleen Gekiere Department of Information Technology 5 1 A:3 15   8 E701053 Computer Science Heigh Alessens - Department of Information Technology 6 1 A:2 18   9 E701053 Computer Science Heigh Alessens - Department of Information Technology 3 1 A:2 18   10 E701053 Computer Science Heigh Alessens - Department of Information Technology 3 1 A:2 90   11 E701055 Electronics Johan Laweert - Department of Information Systems 3	2 E701023	-	6	1	A:1	180
Kathleen bekirer Department of Structural Engineering and Building Materials 3 1 A:1 900   6 E701029 Materials 6 1 A:J 18   7 E701030 Mechanics 6 1 A:J 18   7 E701032 Engineering Project Kathleen Gekirer Department of Materials, Textiles and Chemical Engineering 5 1 A:J 15   8 E701034 Mathematics II Tanja Van Hecke Department of Structural Engineering and Building Materials 6 1 A:Z 18   9 E701034 Mathematics II Tanja Van Hecke - Department of Information Technology 6 1 A:Z 18   9 E701035 Computer Science Helga Naessens - Department of Information Technology 6 1 A:Z 18   10 E701054 Sustainable Energy Technologies Johan Lawaert - Department of Information Technology 3 1 A:Z 90   11 E701055 Electronics Johan Lawaert - Department of Information Technology 3 1 A:Z 90   12 E701055 Electronics Johan Lawaert - Department of Information Technology 3 1 A:Z	3 E701024	Electricity	6	1	A:1	180
Gent De Clercq Department of Materials, Textilies and Chemical Engineering 6 1 A:J 18   7 E701030 Mechanics Tom Claessens Department of Materials, Textilies and Chemical Engineering 6 1 A:J 15   7 E701052 Engineering Project Kathleen Gekier Department of Structural Engineering and Building Materials 6 1 A:J 15   8 E701034 Mathematics II Tanja Van Hecke Department of Information Technology 6 1 A:2 18   9 E701055 Physics Sven Van Loo Department of Applied Physics 6 1 A:2 18   10 E701053 Computer Science Helga Naessens Department of Information Technology 3 1 A:2 18   11 E701055 Electronics Johan Lawaet Department of Electronics and Information Systems 3 1 A:2 90   12 E701055 Electronics Jo Verhaevert Department of Information Technology 3 1 A:2 90   12 E701055 Electronics Jo Verhaevert Department of Information Systems 3 1 A:2 90   12 E702055 Signals and Systems Jan Beyens Dep	4 E701051	-	4	1	A:1	120
Ton Classens Department of Materials, Textilies and Chemical Engineering7E701052Engineering Project Kathleen Gekiere Department of Structural Engineering and Building Materials51A:J158E701034Mathematics II Tanja Van Hecke Department of Information Technology61A:2189E701056Physics Sven Van Loo Department of Applied Physics61A:21810E701053Computer Science Helga Naessens Department of Information Technology61A:29011E701054Sustainable Energy Technologies Johan Lauwaert Department of Electronics and Information Systems31A:29012E701055Electronics Johan Lauwaert Department of Information Technology31A:29012E701055Electronics Johan Lauwaert Department of Information Technology31A:29013E702010Signals and Systems Jan Beyens Department of Information Technology62A:11814E702010Signals and Systems Jan Beyens Department of Information Technology62A:1182E702020Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology62A:2183E702702Business Administration333A:290	5 E701029		3	1	A:1	90
Kathleen Gekkere - Department of Structural Engineering and Building Materials   8 E701034 Mathematics II Tanja Van Hecke - Department of Information Technology 6 1 A:2 18   9 E701056 Physics Sven Van Loo - Department of Applied Physics 6 1 A:2 18   10 E701053 Computer Science Helga Naessens - Department of Information Technology 6 1 A:2 18   11 E701054 Sustainable Energy Technologies Johan Lauwaert - Department of Electronics and Information Systems 3 1 A:2 90   12 E701055 Electronics Jo Verhaevert Department of Information Technology 3 1 A:2 90   2 General Courses 3 1 A:2 90   Nr Course CRDT Ref MT1 Session Staut   1 E702010 Signals and Systems Jan Beyens Department of Information Technology 6 2 A:1 18   2 E702090 Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology 6 2 A:2 18   3 E702020 Business	6 E701030		6	1	A:J	180
Tanja Van Hecke - Department of Information Technology9E701056Physics Sven Van Loo - Department of Applied Physics61A:21810E701053Computer Science Helga Naessens - Department of Information Technology61A:21811E701054Sustainable Energy Technologies Johan Lauwaert - Department of Electronics and Information Systems31A:29012E701055Electronics Jo Verhaevert Department of Information Technology31A:2902General CoursesIsometry Stems62A:1181E702010Signals and Systems Jan Beyens Department of Information Technology62A:1182E702090Statistics and Mathematical Data-analysis Tanja Van Hecke - Department of Information Technology62A:2183E702702Business Administration33A:290	7 E701052		5	1	A:J	150
CRDT Ref MT1 Session Session Session   1 E70200 Signals and Systems Jan Beyens Department of Information Technology 6 1 A:2 18   11 E701053 Computer Science Helga Naessens Department of Electronics Johan Lauwaert Department of Electronics and Information Systems 3 1 A:2 90   12 E701055 Electronics Jo Verhaevert Department of Information Technology 3 1 A:2 90   2 General Courses 3 1 A:2 90   1 E702010 Signals and Systems Jan Beyens Department of Information Technology 6 2 A:1 18   2 E7020200 Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology 6 2 A:2 90   3 E702702 Business Administration 3 3 A:2 90	8 E701034		6	1	A:2	180
Helga Naessens Department of Information Technology11E701054Sustainable Energy Technologies Johan Lauwaert Department of Electronics and Information Systems31A:29012E701055Electronics Jo Verhaevert Department of Information Technology31A:2902General Courses31A:290In Eronous Jo Verhaevert Department of Information Technology2General Courses1Eronous Signals and Systems Jan Beyens Department of Information Technology62A:11802Eronous Eronous Tanja Van Hecke Department of Information Technology62A:21803Eronous Eronous33A:290	9 E701056	•	6	1	A:2	180
Johan Lauwaert Department of Electronics and Information Systems   12 E701055 Electronics Jo Verhaevert Department of Information Technology 3 1 A:2 90 <b>2</b> General Courses   Nr Course CRDT Ref MT1 Session Statistics and Mathematical Data-analysis Jan Beyens Department of Information Technology   2 E702090 Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology 6 2 A:2 18   3 E702702 Business Administration Technology 3 3 A:2 90	10 E701053	•	6	1	A:2	180
Jo Verhaevert Department of Information Technology   2 General Courses 15 credit   Nr Course CRDT Ref MT1 Session Status   1 E702010 Signals and Systems Jan Beyens Department of Information Technology 6 2 A:1 18   2 E702090 Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology 6 2 A:2 18   3 E702702 Business Administration 3 3 A:2 90	11 E701054	5, 5	3	1	A:2	90
Nr CourseCRDTRefMT1SessionStur1E702010Signals and Systems Jan Beyens Department of Information Technology62A:1182E702090Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology62A:2183E702702Business Administration33A:290	12 E701055		3	1	A:2	90
1E702010Signals and Systems Jan Beyens Department of Information Technology62A:11802E702090Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology62A:21803E702702Business Administration33A:290	2 General	I Courses			15 (	credits
2 E702090 Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology 6 2 A:2 18   3 E702702 Business Administration 7 3 3 A:2 90	Nr Course		CRDT Re	ef MT1	Session	Study
3 E702702 Business Administration 3 3 A:2 90	1 E702010		6	2	A:1	180
	2 E702090	-	6	2	A:2	180
	3 E702702		3	3	A:2	90
3 Courses Related to the Main Subject 96 credit	3 Courses	s Related to the Main Subject			96 (	credits
Nr Course CRDT Ref MT1 Session Stud	Nr Course		CRDT Re	ef MT1	Session	Study
1 E702080 Thermodynamics and Fluid Mechanics 6 2 A:1 18   Tom Claessens Department of Materials, Textiles and Chemical Engineering	1 E702080		6	2	A:1	180
2 E702030 Mechanics of Materials 3 2 A:1 90 Marc Wouters Department of Materials, Textiles and Chemical Engineering	2 E702030		3	2	A:1	90
3 E702070 Physics of Waves and Particles 3 2 A:1 90 Sven Van Loo Department of Applied Physics	3 E702070	-	3	2	A:1	90

10-06-2025 04:19

4	E711023	Structural Analysis Calculation Techniques I Wouter Botte Department of Structural Engineering and Building Materials	3	2	A:1	90
5	E711024	Construction of Buildings I Hilde Witters Department of Structural Engineering and Building Materials	3	2	A:1	90
6	E711071	Building Information Management for Construction (BIM) Kathleen Gekiere Department of Structural Engineering and Building Materials	3	2	A:1	90
7	E711028	Structural Analysis Calculation Techniques II Wouter Botte Department of Structural Engineering and Building Materials	6	2	A:2	180
8	E711029	Applied Hydraulics Wouter De Corte Department of Structural Engineering and Building Materials	3	2	A:2	90
9	E712010	Topography Greet Deruyter Department of Civil Engineering	6	2	A:2	180
10	E711054	Construction of Buildings II Jan Belis Department of Structural Engineering and Building Materials	3	2	A:2	90
11	E711055	Concrete Technology Veerle Boel Department of Structural Engineering and Building Materials	3	2	A:2	90
12	E711056	Applied Building Technology Ignaas Vandenbruwane Department of Structural Engineering and Building Materials	3	2	A:2	90
13	E711034	Steel Construction I Wouter Botte Department of Structural Engineering and Building Materials	3	3	A:1	90
14	E711067	Road Construction Wouter De Corte Department of Structural Engineering and Building Materials	6	3	A:1	180
15	E711064	Geotechnics Dirk Vinckier Department of Civil Engineering	3	3	A:1	90
16	E712030	Building Physics	5	3		150
17	E711038	Design of Concrete Structures I Veerle Boel Department of Structural Engineering and Building Materials	6	3	A:1	180
18	E712040	Design Engineering	6	3		180
19	E711080	Building Services Jelle Laverge Department of Architecture and Urban Planning	4	3		120
20	E715027	Works in and around the Area and Infrastructure Hilde Witters Department of Structural Engineering and Building Materials	3	3	A:2	90
21	E711066	Construction Engineering Ignaas Vandenbruwane Department of Structural Engineering and Building Materials	3	3	A:2	90
22	E711090	Project and Site Management Geert Versweyveld Department of Structural Engineering and Building Materials	3	3		90
23	E711026	Finite Element Applications in Structural Engineering Wouter De Corte Department of Structural Engineering and Building Materials	3	3		90
24	E711043	Bachelor Thesis Greet Deruyter Department of Civil Engineering	6	3	A:2	180
4	Elective	Courses			9	credits

Subscribe to 9 credit units from 2 modules from the following list. Subject to approval by the faculty.

#### 4.1 Societal Elective Courses

Nr Course		CRDT	Ref	MT1	Session	Study
1 F001021	Basic Entrepreneurship Yannick Dillen Department of Marketing, Innovation and Organisation	3	UKV	2	A:1	90
2 E076471	Dare to Start [en] Wouter Haerick Department of Information Technology	3		2	A:2	90
3 F001020	Introduction to Entrepreneurship [en] Petra Andries Department of Marketing, Innovation and Organisation	3		2	A:1	90
4 C004009	History and Philosophy of Sciences Maarten Van Dyck Department of Philosophy and Moral Sciences	3		2	B:2	90
5 A003001	Academic English [en] Geert Jacobs Department of Linguistics	3	UKV	2	B:1, A:2	90

6	H001977	Coaching and Diversity Elisabeth De Schauwer Department of Special Education	3	UKV	2	A:J	90
7	E099210	Essentials of Artificial Intelligence: a Beginner's Guide [en] Joni Dambre Department of Electronics and Information Systems	3	UKV	2	A:1	90
8	F001012	Leadership for student directors Ann-Sophie De Pauw Department of Economics	3	UKV	2	A:1	90
	~					6	credits
4.	2					0	CIEUIIS
		credit units from the following list. Subject to approval by the faculty.				0	creans
Su		credit units from the following list. Subject to approval by the faculty.	CRDT	Ref	MT1	Session	Study
Su	bscribe to 6	credit units from the following list. Subject to approval by the faculty. Design of Concrete Structures II Veerle Boel Department of Structural Engineering and Building Materials	CRDT 3	Ref bouwk	MT1 3	-	
Su	bscribe to 6 Course	Design of Concrete Structures II				-	Study

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 cs: Czech	el: Greek	es: Spanish fr: French	ja: Japanese nl: Dutch	pl: Polish pt: Portuguese	sh: Kroatian/Serbian sl: Slovene	zh: Chinese
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
b: tri-annually	d: bi-annu
	e: tri-annu

nnually, from 2026-2027 pi-annually, from 2026-2027 ri-annually, from 2026-2027 f: annually, from 2027-2028 g: bi-annually, from 2027-2028 h: tri-annually, from 2027-2028 i: annually, from 2028-2029 j: bi-annually, from 2028-2029 k: tri-annually, from 2028-2029