Study Programme

Academic year 2025-2026

GHENT UNIVERSITY

Faculty of Engineering and Architecture

Bachelor of Science in Engineering: Architecture

Language of instruction: Dutch

Programme version 18

1 General Courses
177 credits

The references specify the discipline per course unit:
• reference 'IW': engineering
• reference 'AO': architectural design
• reference 'AW': architectural sciences

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E000113	Mathematics 1: Calculus	5	IW	1	A:1	150
		Hennie De Schepper -- Department of Electronics and Information Systems					
2	E020611	Physics 1: Oscillations, Waves and Optics	6	IW	1	A:1	180
		Christophe Leys -- Department of Applied Physics					
3	E044020	Statics of Structures	3	IW	1	A:1	90
		Jan Belis -- Department of Structural Engineering and Building Materials					
4	E082015	Actual Aspects of Architecture	3	AW	1	A:1	90
		Maarten Van Den Driessche -- Department of Architecture and Urban Planning					
5	E080711	Studio Perception and Presentation Media 1	3	AO	1	A:1	90
		Asli Çiçek -- Department of Architecture and Urban Planning					
6	E000125	Mathematics 2: Linear Algebra and Geometry	5	IW	1	A:2	150
		Hennie De Schepper -- Department of Electronics and Information Systems					
7	E080411	Design Theory 1: Basic Instruments	5	AO	1	A:2	150
		Maarten Van Den Driessche -- Department of Architecture and Urban Planning					
8	E080882	Digital Design 1: Modeling and Prototyping	3	AO	1	A:2	90
		Ruben Verstraeten -- Department of Architecture and Urban Planning					
9	E082610	History of Architecture 1: a Long Modernity	6	AW	1	A:2	180
		Dirk De Meyer -- Department of Architecture and Urban Planning					
10	E075072	Philosophy and Critical Theory: an Architectural Introduction [en, nl]	3	AW	1	A:2	90
		Lionel Devlieger -- Department of Architecture and Urban Planning					
11	E050012	Introduction to Structural Design	5	IW	1	A:J	150
		Nathan Van Den Bossche -- Department of Architecture and Urban Planning					
12	E081112	Architectural Design 1	13	AO	1	A:J	360
		Sotiria Kornaropoulou -- Department of Architecture and Urban Planning					
13	E042013	Introduction to Strength of Materials	3	IW	2	A:1	90
		Nele De Belie -- Department of Structural Engineering and Building Materials					
14	E020711	Physics 2: Thermodynamics and Fluid Mechanics	3	IW	2	A:1	90
		Rino Morent -- Department of Applied Physics					
15	E000612	Mathematics 3: Mathematical Analysis	5	IW	2	A:1	150
		Hendrik De Bie -- Department of Electronics and Information Systems					
16	E066161	Materials Science	4	IW	2	A:1	120
		Patricia Verleysen -- Department of Electromechanical, Systems and Metal Engineering					
17	E080112	Architectural Theory 1: Early Modern Foundations [en]	5	AW	2	A:1	150
		Elizabeth Merrill -- Department of Architecture and Urban Planning					
18	E084561	Design Theory 2: Urban Analysis	3	AO	2	A:1	90
		Kristiaan Borret -- Department of Architecture and Urban Planning					
19	E080912	Studio Perception and Presentation Media 2	3	AO	2	A:2	90
		Asli Çiçek -- Department of Architecture and Urban Planning					

Nr	Course		CRDT	Ref	MT1	Session	Study
20	E042800	Structural Load-Bearing Systems in Architectural Design	3	IW	2	A:2	90
		Jan Belis -- Department of Structural Engineering and Building Materials					
21	E050410	Construction of Buildings	5	IW	2	B:2	150
		Jan Belis -- Department of Structural Engineering and Building Materials					
22	E052720	Concrete Technology	3	IW	2	A:2	90
		Geert De Schutter -- Department of Structural Engineering and Building Materials					
23	E082711	History of Architecture 2: Historiographical Perspectives on the 20th Century	5	AW	2	A:2	150
		Johan Lagae -- Department of Architecture and Urban Planning					
24	E084111	Urban Questions in Historical Perspective 1: Housing [en]	3	AW	2	A:2	90
		Anne Kockelkorn -- Department of Architecture and Urban Planning					
25	E081211	Architectural Design 2	15	AO	2	A:J	450
		Jan Mannaerts -- Department of Architecture and Urban Planning					
26	E050310	Building Physics	6	IW	3	A:1	180
		Arnold Janssens -- Department of Architecture and Urban Planning					
27	E003220	Statistics and Data Handling	4	IW	3	A:1	120
		Nele De Belie -- Department of Structural Engineering and Building Materials					
28	E084551	Urban Questions in Historical Perspective 2: Public Space	3	AW	3	A:1	90
		Michiel Dehaene -- Department of Architecture and Urban Planning					
29	E080651	Design Theory 3: Circular Design in Historical Perspective [en]	3	AO	3	A:1	90
		Lionel Devlieger -- Department of Architecture and Urban Planning					
30	E080814	Digital Design 2: Modeling and Data Management [nl, en]	5	AO	3	A:1	150
		Tiemen Strobbe -- Department of Architecture and Urban Planning					
31	E711080	Building Services	4	IW	3	A:2	120
		Jelle Laverge -- Department of Architecture and Urban Planning					
32	E052240	Design of Structures	6	IW	3	A:2	180
		Jan Belis -- Department of Structural Engineering and Building Materials					
33	E027611	Constructional Aspects of the Building Envelope	3	IW	3	A:2	90
		Nathan Van Den Bossche -- Department of Architecture and Urban Planning					
34	E080211	Architectural Theory 2: Contemporary Discourses	5	AW	3	A:2	150
		Maarten Liefooghe -- Department of Architecture and Urban Planning					
35	E075611	Art and Architecture	3	AW	3	A:2	90
		Wouter Davidts -- Department of Architecture and Urban Planning					
36	E081311	Architectural Design 3	15	AO	3	A:J	450
		Hans Lust -- Department of Architecture and Urban Planning					

2 Elective Courses — 3 credits

Subscribe to no less than 3 credit units from the following list, distributed over the first standard learning path as follows: no less than 3 credit units in year 3. Subject to approval by the faculty.

2.1 Elective Courses Fundamental Sciences and Engineering Sciences

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E080830	Information Management in Architecture and Construction [nl, en]	3		3	A:2	90
		Paulus Present -- Department of Architecture and Urban Planning					
2	E080823	Digital Design 3: Advanced Modeling Techniques	3		3	A:2	90
		Ruben Verstraeten -- Department of Architecture and Urban Planning					
3	E099210	Essentials of Artificial Intelligence: a Beginner's Guide [en]	3	UKV	3	A:1	90
		Joni Dambre -- Department of Electronics and Information Systems					
4	E051800	Contemporary Challenges in Civil Engineering: Capita Selecta [en, nl]	3		3	A:2	90
		Robby Caspeele -- Department of Structural Engineering and Building Materials					
5	E078010	Technology and Environment [en]	3		3	A:1	90
		Luc Martens -- Department of Information Technology					
6	C003080	Programming	5	UKV	3	A:1	150
		Peter Dawyndt -- Department of Mathematics, Computer Science and Statistics					

2.2 Elective Courses Social and Behavioural Sciences

Nr	Course		CRDT	Ref	MT1	Session	Study
1	A000677	Introduction to Anthropology	3		3	A:2	90
		Hugo DeBlock -- Department of Languages and Cultures					

2	H001977	Coaching and Diversity		3	UKV	3	A:J	90
		Elisabeth De Schauwer -- Department of Special Education						

2.3 Elective Courses Arts and Cultural Sciences

Nr	Course		CRDT	Ref	MT1	Session	Study
1	A005661	Contemporary Art: Ways of Worldmaking	5		3	A:1ᵃ	150
		Wouter Davidts -- Department of Art, Music and Theatre Sciences					
2	A005288	Avant-garde Film and Video	5		3	(A:1)ᵈ	150
		Steven Jacobs -- Department of Art, Music and Theatre Sciences					
3	A000418	Film History and Aesthetics	5		3	B:1	150
		Daniël Biltereyst -- Department of Communication Sciences					
4	A005291	Historic Interior and Design	5		3	A:2ᵃ	150
		Marjan Sterckx -- Department of Art, Music and Theatre Sciences					
5	A005635	Introduction to Heritage	3		3	B:2	90
		Maude Bass-Krueger -- Department of Art, Music and Theatre Sciences					
6	A001974	Aesthetics I	5		3	A:2	150
		Bart Vandenabeele -- Department of Philosophy and Moral Sciences					
7	A003001	Academic English [en]	3	UKV	3	B:1, A:2	90
		Geert Jacobs -- Department of Linguistics					

2.4 Elective Courses Economic Sciences

Nr	Course		CRDT	Ref	MT1	Session	Study
1	F001020	Introduction to Entrepreneurship [en]	3		3	A:1	90
		Petra Andries -- Department of Marketing, Innovation and Organisation					
2	E099160	Project Management in Construction [en]	3		3	A:2	90
		Mario Vanhoucke -- Department of Business Informatics and Operations Management					

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