Study Programme

Academic year 2024-2025

Faculty of Engineering and Architecture

Bachelor of Science in Engineering: Architecture

Language of instruction: Dutch

Programme version 15

1 General Courses — 177 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E000112	Calculus	5		1		150
2	E020610	Physics 1	6		1		180
3	E082014	Actual Aspects of Architecture 1	3		1		90
4	E044020	Statics of Structures	3		1	A:1	90
		Jan Belis -- Department of Structural Engineering and Building Materials					
5	E080410	Design Theory 1	5		1		150
6	E000124	Geometry	5		1		150
7	E082600	History of Architecture 1	6		1		180
8	E080881	Digital Design 1	3		1		90
9	E075071	Introduction to Philosophy and the History of Ideas	3		1		90
10	E080710	Perception and Presentation Media 1	3		1		90
11	E050012	Introduction to Structural Design	5		1	A:J	150
		Nathan Van Den Bossche -- Department of Architecture and Urban Planning					
12	E081112	Architectural Design 1	13		1	A:J	360
		Sotiria Kornaropoulou -- Department of Architecture and Urban Planning					
13	E042012	Introduction to Strength of Materials	4		2		120
14	E080813	Digital Design 2	3		2		90
15	E020710	Physics 2	3		2		90
16	E080111	Architectural Theory 1	5		2		150
17	E000611	Mathematical Analysis	5		2		150
18	E080650	Design Theory 2	5		2		150
19	E042800	Structural Load-Bearing Systems in Architectural Design	3		2	A:2	90
		Jan Belis -- Department of Structural Engineering and Building Materials					
20	E050410	Construction of Buildings	6		2	A:2	180
		Jan Belis -- Department of Structural Engineering and Building Materials					
21	E066160	Materials Science	3		2		90
22	E082710	History of Architecture 2	5		2		150
23	E084110	History of Urban Planning	3		2		90
24	E081211	Architectural Design 2	15		2	A:J	450
		Jan Mannaerts -- Department of Architecture and Urban Planning					
25	E050310	Building Physics	6		3	A:1	180
		Arnold Janssens -- Department of Architecture and Urban Planning					
26	E084550	Introduction to Urban Analysis and Design	4		3	A:1	120
		Michiel Dehaene -- Department of Architecture and Urban Planning					
27	E080911	Perception and Presentation Media 2	3		3	A:1	90
		Asli Çiçek -- Department of Architecture and Urban Planning					
28	E003220	Statistics and Data Handling	4		3	A:1	120
		Nele De Belie -- Department of Structural Engineering and Building Materials					

Nr	Course		CRDT	Ref	MT1	Session	Study
29	E080210	Architectural Theory 2	6		3	A:2	180
30	E075611	Art and Architecture	3		3	A:2	90
		Wouter Davidts -- Department of Architecture and Urban Planning					
31	E052720	Concrete Technology	3		3	A:2	90
		Geert De Schutter -- Department of Structural Engineering and Building Materials					
32	E711059	Building Services	3		3		90
33	E084560	Methods of Urban Analysis and Design	4		3	A:2	120
		Kristiaan Borret -- Department of Architecture and Urban Planning					
34	E027610	Constructional Aspects of the Building Envelope	6		3	A:J	180
		Jan Moens -- Department of Architecture and Urban Planning					
35	E081311	Architectural Design 3	15		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.

Nr	Course		CRDT	Ref	MT1	Session	Study
1	C003624	Population and Urban Geography	5		3	A:1	150
		Maite Dewinter -- Department of Geography					
2	E000810	Topography	3		3	A:1	90
		Alain De Wulf -- Department of Geography					
3	E053510	Geometric Aspects of Roads	3		3	A:2	90
		Hans De Backer -- Department of Civil Engineering					
4	E084760	Geographic Information Systems (partim)	3		3	A:1	90
		Nico Van de Weghe -- Department of Geography					
5	E044631	Glass and Facade Structures	3		3		90
		Jan Belis -- Department of Structural Engineering and Building Materials					
6	E099160	Project Management in Construction [en]	3		3	A:2	90
		Mario Vanhoucke -- Department of Business Informatics and Operations Management					
7	E076450	Basic Entrepreneurship	3	UKV	3	A:1	90
		Yannick Dillen -- Department of Marketing, Innovation and Organisation					
8	A005293	Modern and Contemporary Art: Capita Selecta	5		3	(A:1)[d]	150
9	A000418	Film History and Aesthetics	5		3	B:1	150
		Daniël Biltereyst -- Department of Communication Sciences					
10	A005288	Avant-garde Film and Video	5		3	A:1[a]	150
		Steven Jacobs -- Department of Art, Music and Theatre Sciences					
11	A005281	Heritage	5		3		150
12	A005281	Heritage	3		3		90
13	A001974	Aesthetics I	5		3	A:2	150
		Bart Vandenabeele -- Department of Philosophy and Moral Sciences					
14	E080822	Digital Design 3	3		3		90
15	E080830	Information Management in Architecture and Construction	3		3		90
		Paulus Present -- Department of Architecture and Urban Planning					
16	C003080	Programming [nl, en]	5	UKV	3	A:1, C:1	150
		Peter Dawyndt -- Department of Mathematics, Computer Science and Statistics					
17	A000677	Introduction to Anthropology	3		3	A:2	90
		Hugo DeBlock -- Department of Languages and Cultures					
18	A001900	Introduction to Psychology	3		3	A:1	90
		Wim Notebaert -- Department of Experimental Psychology					
19	K000983	Historical Sociology	5		3	A:2	150
		Bart Van de Putte -- Department of Sociology					
20	H001977	Coaching and Diversity	3	UKV	3	A:J	90
		Elisabeth De Schauwer -- Department of Special Education					

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 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028