

Faculty of Engineering and Architecture

Preparatory Course Master of Science in Engineering: Architecture -- Urban Design and Architecture

Language of instruction: Dutch

Programme version 12

1 General Courses

1.1 General Courses, Intake: Bachelor of Science in Engineering, main subject 80 credits
Civil Engineering

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E082600 History of Architecture 1 <i>Dirk De Meyer -- Department of Architecture and Urban Planning</i>	6		1	A:2	180
2	E080111 Architectural Theory 1 [en] <i>Elizabeth Merrill -- Department of Architecture and Urban Planning</i>	5		1	A:1	150
3	E080650 Design Theory 2 <i>Lionel Devlieger -- Department of Architecture and Urban Planning</i>	5		1	A:1	150
4	E082710 History of Architecture 2 <i>Johan Lagae -- Department of Architecture and Urban Planning</i>	5		1	A:2	150
5	E084110 History of Urban Planning [en] <i>Anne Kockelkorn -- Department of Architecture and Urban Planning</i>	3		1	A:2	90
6	E081211 Architectural Design 2 <i>Jan Mannaerts -- Department of Architecture and Urban Planning</i>	15		1	A:J	450
7	E080210 Architectural Theory 2 <i>Maarten Liefoghe -- Department of Architecture and Urban Planning</i>	6		1	A:2	180
8	E027610 Constructional Aspects of the Building Envelope <i>Jan Moens -- Department of Architecture and Urban Planning</i>	6		1	A:J	180
9	E075611 Art and Architecture <i>Wouter Davidts -- Department of Art, Music and Theatre Sciences</i>	3		1	A:2	90
10	E084550 Introduction to Urban Analysis and Design <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	4		1	A:1	120
11	E081311 Architectural Design 3 <i>Hans Lust -- Department of Architecture and Urban Planning</i>	15		1	A:J	450
12	E711059 Building Services <i>Jelle Laverge -- Department of Architecture and Urban Planning</i>	3		1	A:2	90
13	E084560 Methods of Urban Analysis and Design <i>Kristiaan Borret -- Department of Architecture and Urban Planning</i>	4		1	A:2	120

1.2 General Courses, intake: Master of Science in Civil Engineering Technology 77 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E082600 History of Architecture 1 <i>Dirk De Meyer -- Department of Architecture and Urban Planning</i>	6		1	A:2	180
2	E080111 Architectural Theory 1 [en] <i>Elizabeth Merrill -- Department of Architecture and Urban Planning</i>	5		1	A:1	150
3	E080650 Design Theory 2 <i>Lionel Devlieger -- Department of Architecture and Urban Planning</i>	5		1	A:1	150
4	E082710 History of Architecture 2 <i>Johan Lagae -- Department of Architecture and Urban Planning</i>	5		1	A:2	150

5	E084110	History of Urban Planning [en] <i>Anne Kockelkorn -- Department of Architecture and Urban Planning</i>	3	1	A:2	90
6	E081211	Architectural Design 2 <i>Jan Mannaerts -- Department of Architecture and Urban Planning</i>	15	1	A:J	450
7	E027610	Constructional Aspects of the Building Envelope <i>Jan Moens -- Department of Architecture and Urban Planning</i>	6	1	A:J	180
8	E080210	Architectural Theory 2 <i>Maarten Liefoghe -- Department of Architecture and Urban Planning</i>	6	1	A:2	180
9	E075611	Art and Architecture <i>Wouter Davidts -- Department of Art, Music and Theatre Sciences</i>	3	1	A:2	90
10	E084550	Introduction to Urban Analysis and Design <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	4	1	A:1	120
11	E081311	Architectural Design 3 <i>Hans Lust -- Department of Architecture and Urban Planning</i>	15	1	A:J	450
12	E084560	Methods of Urban Analysis and Design <i>Kristiaan Borret -- Department of Architecture and Urban Planning</i>	4	1	A:2	120

1.3 General Courses, Intake: Bachelor of Science in Architecture

76 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E000124 Geometry <i>Hennie De Schepper -- Department of Electronics and Information Systems</i>	5		1	A:2	150
2	E042012 Introduction to Strength of Materials <i>Nele De Belie -- Department of Structural Engineering and Building Materials</i>	4		1	A:1	120
3	E020710 Physics 2 <i>Rino Morent -- Department of Applied Physics</i>	3		1	A:1	90
4	E000611 Mathematical Analysis <i>Hendrik De Bie -- Department of Electronics and Information Systems</i>	5		1	A:1	150
5	E042800 Structural Load-Bearing Systems in Architectural Design <i>Jan Belis -- Department of Structural Engineering and Building Materials</i>	3		1	A:2	90
6	E066160 Materials Science <i>Patricia Verleysen -- Department of Electromechanical, Systems and Metal Engineering</i>	3		1	A:2	90
7	E080210 Architectural Theory 2 <i>Maarten Liefoghe -- Department of Architecture and Urban Planning</i>	6		1	A:2	180
8	E080650 Design Theory 2 <i>Lionel Devlieger -- Department of Architecture and Urban Planning</i>	5		1	A:1	150
9	E082710 History of Architecture 2 <i>Johan Lagae -- Department of Architecture and Urban Planning</i>	5		1	A:2	150
10	E050310 Building Physics <i>Arnold Janssens -- Department of Architecture and Urban Planning</i>	6		1	A:1	180
11	E027610 Constructional Aspects of the Building Envelope <i>Jan Moens -- Department of Architecture and Urban Planning</i>	6		1	A:J	180
12	E084550 Introduction to Urban Analysis and Design <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	4		1	A:1	120
13	E052720 Concrete Technology <i>Geert De Schutter -- Department of Structural Engineering and Building Materials</i>	3		1	A:2	90
14	E081311 Architectural Design 3 <i>Hans Lust -- Department of Architecture and Urban Planning</i>	15		1	A:J	450
15	E711059 Building Services <i>Jelle Laverge -- Department of Architecture and Urban Planning</i>	3		1	A:2	90

1.4 General Courses, Intake: Master of Science in Architecture

52 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E000611 Mathematical Analysis <i>Hendrik De Bie -- Department of Electronics and Information Systems</i>	5		1	A:1	150
2	E027610 Constructional Aspects of the Building Envelope <i>Jan Moens -- Department of Architecture and Urban Planning</i>	6		1	A:J	180
3	E050310 Building Physics <i>Arnold Janssens -- Department of Architecture and Urban Planning</i>	6		1	A:1	180

4	E042012	Introduction to Strength of Materials <i>Nele De Belie -- Department of Structural Engineering and Building Materials</i>	4	1	A:1	120
5	E042800	Structural Load-Bearing Systems in Architectural Design <i>Jan Belis -- Department of Structural Engineering and Building Materials</i>	3	1	A:2	90
6	E020710	Physics 2 <i>Rino Morent -- Department of Applied Physics</i>	3	1	A:1	90
7	E000124	Geometry <i>Hennie De Schepper -- Department of Electronics and Information Systems</i>	5	1	A:2	150
8	E066160	Materials Science <i>Patricia Verleysen -- Department of Electromechanical, Systems and Metal Engineering</i>	3	1	A:2	90
9	E711059	Building Services <i>Jelle Laverge -- Department of Architecture and Urban Planning</i>	3	1	A:2	90
10	E052720	Concrete Technology <i>Geert De Schutter -- Department of Structural Engineering and Building Materials</i>	3	1	A:2	90
11	E080650	Design Theory 2 <i>Lionel Devlieger -- Department of Architecture and Urban Planning</i>	5	1	A:1	150
12	E080210	Architectural Theory 2 <i>Maarten Liefoghe -- Department of Architecture and Urban Planning</i>	6	1	A:2	180

1.4.1 Elective Courses, Intake: Master of Science in Architecture

Subscribe to no more than 5 credit units from the study programmes of the Bachelor of Engineering Architecture. Subject to approval by the faculty.

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 2023-2024	f: annually, from 2024-2025	i: annually, from 2025-2026
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025	j: bi-annually, from 2025-2026
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025	k: tri-annually, from 2025-2026