

Faculty of Engineering and Architecture
Master of Science in Urbanism and Spatial Planning

Language of instruction: Dutch
Programme version 16

1 General Courses 69 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E084700 Introduction to Planning Theory <i>Tim Devos -- Department of Civil Engineering</i>	4		1	A:1	120
2	E081430 Urban Analysis and Design [en] <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	4		1	A:1	120
3	C003145 Landscape Management and Design <i>Veerle Van Eetvelde -- Department of Geography</i>	5		1	A:1	150
4	E085252 Research and Design Aspects of Urbanism and Spatial Planning <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	5		1	A:1	150
5	E084910 Juridical Aspects <i>Tom De Waele -- Department of European, Public and International Law</i>	5		1	A:1	150
6	E084710 Planning Theory: Contemporary Challenges [en] <i>Tim Devos -- Department of Civil Engineering</i>	4		1	A:2	120
7	E085723 Integrating Spatial Policy and Project Management <i>Ann Pisman -- Department of Civil Engineering</i>	6		1	A:2	180
8	E085093 Studio on Spatial Analysis and Projects <i>Peter Vanden Abeele -- Department of Architecture and Urban Planning</i>	10		1	A:2	300
9	E081870 Histories of the Housing Question [en] <i>Anne Kockelkorn -- Department of Architecture and Urban Planning</i>	4		2	A:1	120
10	E086611 Mobility, Spatial Planning and Urban Design of Infrastructure <i>Filip Boelaert -- Department of Civil Engineering</i>	3		2	A:1	90
11	E085082 Studio on Spatial Analysis, Governance and Instruments <i>Tim Devos -- Department of Civil Engineering</i>	12		2	A:1	360
12	E091330 Research Trip [en] <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	7		2	A:J	210

2 Elective Courses 3 credits

Subscribe to 3 credit units from the from the following list. Subject to approval by the faculty.
Students take the course in the first master's year, depending on their previous degree: either a technical course on reserach (module 2.1), either a technical course on design (module 2.2).

2.1 3 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003531 Geographic Information Systems (GIS) <i>Nico Van de Weghe -- Department of Geography</i>	3		1	B:1	90
2	E003230 Statistical Data Processing <i>Nele De Belie -- Department of Structural Engineering and Building Materials</i>	3		1	A:2	90

2.2 3 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E084561 Design Theory 2: Urban Analysis <i>Kristiaan Borret -- Department of Architecture and Urban Planning</i>	3		1	A:1	90
2	E080882 Digital Design 1: Modeling and Prototyping <i>Ruben Verstraeten -- Department of Architecture and Urban Planning</i>	3		1	A:2	90

Subscribe to 24 credit units from no less than 3 and no more than 4 modules from the following list. Subject to approval by the faculty.

Divided as:

- 14 credits in year 1
- 10 credits in year 2

3.1

6 credits

Subscribe to no less than 6 credit units from the following list. Subject to approval by the faculty.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E081620 Research Seminar: Housing and Urban Transformation [en, nl] <i>Arnold Janssens -- Department of Architecture and Urban Planning</i>	3			C:1, D:2	90
2	E081630 Research Seminar: Public Buildings and Landscapes [en, nl] <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	3			D:2, C:1	90
3	E081670 Research Seminar: Landscape, People and Environment [en, nl] <i>Veerle Van Eetvelde -- Department of Geography</i>	3			A:1, B:2	90
4	E081680 Research Seminar: Governance and Spatial Planning [en, nl] <i>Tim Devos -- Department of Civil Engineering</i>	3			A:1, B:2	90
5	E081690 Research Seminar: Urbanism and Spatial Planning [en, nl] <i>Michiel Dehaene -- Department of Architecture and Urban Planning</i>	3			B:2, A:1	90

3.2

6 credits

Subscribe to no less than 6 credit units from the following list. Subject to approval by the faculty.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E086621 Planning and Transition: Mobility [en] <i>Koos Franssen -- Department of Civil Engineering</i>	3			A:1	90
2	E086700 Planning and Transition: Agriculture, Food and Urbanization <i>Hans Vandermaelen -- Department of Civil Engineering</i>	3			A:1	90
3	E084730 Circular Economy and Regenerative Welfare <i>Jonas Van der Slycken -- Department of Civil Engineering</i>	3			B:2	90
4	E084970 Integrated Approach to Water Management and Environmental Policy <i>Renaat De Sutter -- Department of Civil Engineering</i>	3			A:2	90

3.3

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004184 Project Landscape Science and Spatial Planning <i>Veerle Van Eetvelde -- Department of Geography</i>	5			A:1	150
2	C003532 Urbanization in Global Perspective [en] <i>Ben Derudder -- Department of Geography</i>	3			A:2	90
3	I002650 Agricultural and Rural Policy, EU Perspective [en] <i>Jeroen Buysse -- Department of Agricultural Economics</i>	5			A:1	150
4	C003534 Urban Mobility and Logistics [en] <i>Giovanni Circella -- Department of Geography</i>	5			A:1	150
5	I003055 Biodiversity and Nature Conservation <i>Lander Baeten -- Department of Environment</i>	4			A:1	120
6	I002697 Urban Green Management <i>Jan Mertens -- Department of Environment</i>	4			A:1	120
7	E084953 Urban Sound [en] <i>Dick Botteldooren -- Department of Information Technology</i>	3			A:1	90
8	E081810 Transformation: from Theory to Practice of Change [en] <i>Joachim Declerck -- Department of Architecture and Urban Planning</i>	3			A:2	90
9	A006651 History and Theory of African Urbanism [en] <i>Johan Lagae -- Department of Architecture and Urban Planning</i>	5			A:2	150
10	K001013 Politics of Sustainability <i>Erik Paredis -- Department of Political Sciences</i>	6			A:2	180
11	E084111 Urban Questions in Historical Perspective 1: Housing [en] <i>Anne Kockelkorn -- Department of Architecture and Urban Planning</i>	3			A:2	90
12	C002615 Environmental Impact Assessment [en] <i>Marieke Paepen -- Department of Geology</i>	6			A:1	150

13	E099210	Essentials of Artificial Intelligence: a Beginner's Guide [en] <i>Joni Dambre -- Department of Electronics and Information Systems</i>	3	UKV	A:1	90
14	E084581	Sustainable Cities <i>Thomas Block -- Department of Political Sciences</i>	6		A:J	180

3.4

Subscribe to no more than 6 credit units from the programmes from Ghent University. Subject to approval by the faculty. Only courses that are intrinsically relevant to the Master of Science in Urbanism and Spatial Planning, to be motivated by the student, or the Ghent University Elective Courses.

4 Master's Dissertation 24 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E091103 Master's Dissertation	24		2	A:J	720

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 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