

At Tournai - 120 credits - 2 years - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **optional** - Activities in other languages : **NO**Activities on other sites : **optional**Main study domain : **Art de bâtir et urbanisme**Organized by: **Faculty of Architecture, Architectural Engineering and Urban Planning (LOCI)**Programme acronym: **ARCT2M** - Francophone Certification Framework: 7**Table of contents**

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ARCT2M - Introduction

Introduction

ARCT2M - Teaching profile

Learning outcomes

On successful completion of this programme, each student is able to :

AA1

AA1.1

AA1.2

AA1.3

AA1.4

AA1.5

AA1.6

AA2

AA2.1

AA2.2

AA2.3

AA2.4

AA2.5

AA2.6

AA3

AA3.1

AA3.2

AA3.3

AA3.4

AA4

AA4.1

AA4.2

AA4.3

AA4.4

AA5

AA5.1

AA5.2

AA5.3

AA5.4

AA6

AA6.1

AA6.2

AA6.3

AA6.4

Programme structure

The programme comprises:

- core courses worth 90 credits
- a professional focus worth 30 credits

The core courses comprise:

- various mandatory subjects
- final dissertation worth 16 credits
- internships worth 2 credits
- optional courses worth 14 credits, selected from among the four themes offered:
 - "architecture and the humanities";
 - "architecture, territory and sustainable development";
 - "architecture, art and history";
 - "architecture, technique and materiality".

The programme is divided into four sections:

- The architecture project is organised according to a system of vertical studios, with special colours, allowing the student to direct their learning according to the teaching methods and subjects covered.
- Means of expression, including design and CAD courses.

- Core theory classes, directly related to the discipline of architecture, address the physical, cultural and professional dimension of architecture.
- The options, allowing the development of specific themes relating to architecture.

The programme for this Master's, whatever the focus or options chosen, is a minimum of 120 credits divided over two years of study each corresponding to 60 credits.

ARCT2M Programme

Detailed programme by subject

CORE COURSES [90.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2026-2027
- ⊖ Not offered in 2026-2027 but offered the following year
- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Project (30 credits)

○ LARCT2112	Architectural Design Studio 4: Deepening	Ludovic Blanckaert Christoffel Boghaert Olivier Bourez Jerome De Alzua Emmanuelle Weiss	FR [q1+q2] [240h] [20 Credits] 🌐	X	
○ LARCT2211	Architectural Design Studio 5: Mastering	Olivier Bourez Martin Outers Renaud Pleitinx Eric Van Overstraeten	FR [q1] [120h] [10 Credits] 🌐		X

o Transversality and Methodology (12 credits)

○ LARCT2181	Transversality In and On Architecture, tools and methods : From Framing the Question to the State of the Art	Emilie Gobbo Benedicte Grosjean Maider Llaguno Renaud Pleitinx Chloé Salembier Catherine Vanhamme	FR [q1+q2] [100h+30h] [8 Credits] 🌐	X	
○ LARCT2281	Transversality In and On Architecture, tools and methods : Developing Your Research		FR [q1] [10h] [4 Credits] 🌐		X

o Territory (5 credits)

○ LARCT2151	Cities, Territories and Landscapes: Ecologies of Contemporary Design	Alain Malherbe	FR [q1] [40h+15h] [5 Credits] 🌐	X	
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o Theories and Histories (10 credits)

○ LARCT2132	Theories and Critics	Renaud Pleitinx Eric Van Overstraeten	FR [q2] [50h] [5 Credits] 🌐	X	
○ LARCT2231	Histories and Politics of Architecture		FR [q1] [50h] [5 Credits] 🌐		X

o Edification (15 credits)

o LARCT2161	Techniques: Construction and Networks	Geert De Groote Pascaline Faux	FR [q1] [40h+15h] [5 Credits] 🌐	X	
o LARCT2162	Building in the Built Environment 2: Working on Existing Buildings	Caroline Bolle Emilie Gobbo	FR [q2] [40h+15h] [5 Credits] 🌐	X	
o LARCT2291	Structural Design: Infrastructures and Complex Structures	Luca Sgambi	FR [q1] [50h] [5 Credits] 🌐		X

o Professional practice (6 credits)

o LARCT2171	Law, Project & Responsibility	Louis Vansnick	FR [q2] [60h] [6 Credits] 🌐	X	
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o Elective Units (12 credits)

L'étudiant-e choisit 12 crédits de cours au choix: 6 crédits au Q1 du bloc1 et 6 crédits au Q1 du bloc2.

Un même cours enseigné à Bruxelles et à Tournai ne peut être suivi que sur un des deux sites.

⊗ LARCB2050	Composition-Decomposition Practices	Cécile Chanvillard Christine Fontaine	FR [q1] [60h] [6 Credits] ⊕ 🌐	X	X
⊗ LARCB2051	Live Model	Jerome Malevez	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCB2052	Atelier Design		FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCB2053	Project Management, Programming & Actors	Christophe Gillis	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCB2054	The Comfort Project: Histories and Building Services	Giulia Marino	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCB2055	Conforts & Low-tech		FR [q1] [60h] [6 Credits] ⊕ 🌐	X	X
⊗ LARCB2057	Applied Economics	Nathalie Van Droogenbroeck	FR [q2] [30h] [3 Credits] 🌐	X	X
⊗ LARCB2058	Site Management & Digital Tools	Christophe Gillis Manuel Perez Perez	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCB2074	Geospatial visualization		FR [q1] [30h] [3 Credits] Δ ⊕ 🌐	X	X
⊗ LARCB2076	Re-Design: Materiality and Circularity		FR [q1] [30h] [3 Credits] ∅ 🌐	X	X
⊗ LARCB2078	Specialized 'Research' Internship (10 Working Days)		FR [q1] [] [3 Credits] 🌐	X	X
⊗ LARCB2079	'Field actors' Specialized Internship		FR [q1] [] [3 Credits] 🌐	X	X
⊗ LARCB2080	Tutoring		FR [q1] [] [3 Credits] 🌐	X	X
⊗ LARCT2080	Tutoring		FR [q1] [] [3 Credits] 🌐	X	X
⊗ LARCX2001	Contextual Arts	Anne Nottebaert (coord.) Diane Steverlynck Cécile Vandermoot	FR [q1] [60h] [6 Credits] 🌐	X	X
⊗ LARCT2003	Spaces and relations of domination	Chloé Salembier	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCT2004	Qualitative Methods and Representations of Lived Space	Marie-Clotilde Roose	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCT2074	Geospatial visualization	Georges Mabile	FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCT2005	Landscape		FR [q1] [30h] [3 Credits] Δ 🌐	X	X
⊗ LARCX2002	Heritage Identification and Building Archaeology	Caroline Bolle David Vandembroucke	FR [q1] [60h] [6 Credits] 🌐	X	X
⊗ LARCT2076	Re-Design: Materiality and Circularity	Emilie Gobbo	FR [q1] [30h] [3 Credits] ⊕ 🌐	X	X
⊗ LARCT2006	Structuring materials		FR [q1] [60h] [6 Credits] ∅ 🌐	X	X
⊗ LARCX2003	Digital Design		FR [q1] [60h] [6 Credits] ⊕ 🌐	X	X
⊗ LARCI2071	International workshop I	Christine Fontaine	EN [q1] [30h] [3 Credits] 🌐	X	X
⊗ LARCI2072	International workshop II	Christine Fontaine	EN [q2] [30h] [3 Credits] 🌐	X	X
⊗ LARCX2005	Lemps In situ		FR [q2] [30h] [3 Credits] 🌐	X	X
⊗ LARCT2078	Specialized 'Research' Internship (10 Working Days)		FR [q1] [] [3 Credits] 🌐	X	X
⊗ LARCT2079	'Field actors' Specialized Internship (10 Working Days)		FR [q1] [] [3 Credits] 🌐	X	X

PROFESSIONAL FOCUS [30.0]

- Mandatory
- ✂ Optional
- △ Not offered in 2026-2027
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- Activity with requisites
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- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Content:**o Master Thesis (24 credits)**

○ LARCT2283	TFE In & On Architecture: Research Studio	Olivier Camus Dimitri Fache Anne Nottebaert Damien Surroca	FR [q2] [90h+90h] [9 Credits] 🌐		X
○ LARCT2282	TFE In & On Architecture		FR [q2] [] [15 Credits] 🌐		X

o Professional practice (6 credits)

○ LARCT2271	Internship 'To project' (20 Working Days)		FR [q2] [] [6 Credits] 🌐		X
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Course prerequisites

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

ARCT2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

Specific access requirements

In addition to fulfilling the admission requirements described below, the candidates must demonstrate sufficient command of the French language (level B1 of the Common European Framework of Reference).

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Architecture (Bruxelles)		Direct access	
Bachelor in Architecture (Tournai)		Direct access	
Bachelor in Engineering : Architecture		Access based on application	For students who have not followed the regular curriculum, the Admissions Committee may propose a program adapted to their situation.
Others Bachelors of the French speaking Community of Belgium			
Bachelier en architecture [180.0]		Direct access	
Bachelier en sciences de l'ingénieur, orientation ingénieur civil architecte [180.0]		Access based on application	If necessary, the Admissions Committee will propose a program adapted to the student's situation.
Bachelier en architecture [180.0] (non universitaire)		Direct access	Degree obtained before the 2010-2011 academic year
Bachelors of the Dutch speaking Community of Belgium			
Bachelor in ingenieurs Wetenschappen : architectuur [180.0]		Access based on application	If necessary, the Admissions Committee will propose a program adapted to the student's situation.
Bachelor in architectuur [180.0] (niet-universiteit)		Access based on application	If necessary, the Admissions Committee will propose a program adapted to the student's situation.
Foreign Bachelors			

Bachelier en architecture [180.0]

Access based on application

The student completes their admission application to the LOCI Faculty by including a detailed curriculum (list of courses taken and grades obtained, year by year) and a portfolio of their architecture projects. If necessary, the Admissions Committee will propose a program adapted to the student's situation.

Access based on application

Non university Bachelors

> Find out more about [links](#) to the university

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
All	Three years of exposure to architectural projects, drawing, geometry, construction, and material strength is essential.	Access based on application	The student submits an admission application to the LOCI Faculty, including a detailed curriculum (list of courses taken and grades obtained year by year), supplemented by a portfolio of their architecture projects. The Admissions Committee will decide on the candidate's admission.
Masters			
Any master's degree that has provided training in engineering and architecture skills.		Access based on application	The student submits an admission application to the LOCI Faculty, including a detailed curriculum (list of courses taken and grades obtained year by year), supplemented by a portfolio of their architecture projects. The Admissions Committee will decide on the candidate's admission.

Holders of a non-University 2nd cycle degree

L'étudiant introduit un dossier de demande d'admission auprès de la Faculté LOCI, comprenant son curriculum détaillé (liste des cours suivis et points obtenus année par année), et complété par un porte-folio de ses projets d'architecture.

La Commission d'admission se prononce sur l'admission du candidat étudiant.

Access based on validation of professional experience

It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

Accès selon la procédure de validation des acquis de l'expérience

Consultez le site www.uclouvain.be/vae

Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

Admission and Enrolment Procedures for general registration

Teaching method

General teaching method

Teaching is based on convictions, situating architecture within the social context, based on the particular conditions of individual and communal living. In this way, architecture is a specialist discipline and essentially a collective event. It confidently asserts its function to serve society and draws its energy and its inventiveness from the positive constraints imposed by this society and by its own material and spiritual characteristics.

The approach adopted aims to be critical and non-doctrinal, ensuring a multiplicity of viewpoints leading to the transformation of a place, at every level, giving meaning from the perspective of accommodating different ways of living.

Architecture is also a profession that requires solid working expertise based on knowledge, critical thinking and know-how.

Teaching revolves both around the architectural project and theory classes and builds on the skills developed by the different partners. It aims to "enable" students to develop a critical attitude and to feed their intuition in order to address the architectural issue as broadly as possible.

Teaching also draws on certain unique elements relating to the location of the site in Tournai and its cross-border and inter-regional situation, connecting Wallonia, Flanders and France in a network, to form a cross-border metropolis.

Specific teaching methods on the "Master's" programme

The Master's programme makes it possible to set-up and sustain teaching and research that is specific to the discipline of architecture, both pure and applied, benefiting from the university interdisciplinarity.

This teaching encompasses both the physical conditions of the discipline (material strength, structure, construction) and the cultural conditions (history, theory, urban planning, urban sociology), these components being summarised in the architectural project.

The programme incorporates the architecture project, lectures and seminars allowing a more in-depth study of the topics taught.

The architecture project is based around vertical studios, with special colours, allowing the student to direct their learning according to the teaching methods and subjects covered. Furthermore, each year, a visiting professor of international renown teaches a specific topic as part of a workshop.

Evaluation

The evaluation methods comply with the [Academic regulations and procedures](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

The teaching activities are assessed according to current University regulations (General rules and regulations for exams), namely written and oral examinations, individual or group work, public presentations of projects.

Teaching activities, including those of the architecture project and design, are subject to ongoing assessment with a single overall grade.

These continuous assessments take the form of partial assessments, which take place outside the evaluation periods in session according to a specific timetable which is distributed at the start of the academic year.

These assessments must end in May–June. The overall grade achieved is subject to deliberation in June and it is the subject of a report for the deliberation in September, if applicable.

In order to evaluate their performance, both individually and collectively, and with a view to adjusting the methods, if necessary, students will undergo assessments for certain teaching activities, in particular the architecture project, throughout the learning process.

They will in addition undergo an evaluation during the semester and another at the end of the semester for all teaching activities in order to ascertain whether they are meeting the course requirements.

Possible trainings at the end of the programme

- Master's in Urban and Regional Planning (60 credits) (URBA2MC)
- PhD in Architecture and urban planning (180 credits)

Contacts

Curriculum Management

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

SST/LOCI

Faculty of Architecture, Architectural Engineering and Urban Planning (LOCI)

Sciences and Technology (SST)

LOCI

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1348 Louvain-la-Neuve

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<http://www.uclouvain.be/loci>

Website

Mandate(s)

- Dean : Catherine Vanhamme
- Dean : Cécile Chanvillard
- Dean : Olivier Masson
- Dean : Renaud Pleitinx
- Administrative director : France Pécher

Commission(s) of programme

- Commission du bachelier en architecture (BARC)
- Commission du bachelier en ingénieur civil architecte (BIAR)
- Commission du master en architecture (MARC)
- Commission du master en ingénieur civil architecte (MIAR)
- Ecole d'urbanisme et d'aménagement du territoire (URBA)

