



ARCT2M

2024 - 2025

## ARCT2M - Introduction

### Introduction

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- 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

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Year

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o Matériaux, structure et construction

○ LTARC2160	Building mechanical systems and flows	Pascaline Faux	FR [q2] [40h] [4 Credits]	X	
○ LTARC2161	Structural Design 2	Luca Sgambi	FR [q1] [40h] [4 Credits]	X	
○ LTARC2162	Construction materials and mechanical systems	Emilie Gobbo	FR [q1] [30h] [3 Credits]	X	

o Pratique professionnelle

○ LTARC2280	Law and professional responsibilities	Louis Vansnick	FR [q1] [30h] [3 Credits]		X
○ LTARC2281	Project management and professional practice	Matthieu Meunier	FR [q1] [30h] [3 Credits]		X

o Elective Units (6 credits)

⊗ LTARC2196	In situ : Lemps	Eric Van Overstraeten	FR [q3] [30h] [3 Credits]	X	X
⊗ LBARC2126	Industrial design studio	Charles Kaisin	FR [q2] [45h] [3 Credits]		

Industrial design studio

Charles Kaisin

FR [q2] [45h] [3 Credits]

## PROFESSIONAL FOCUS

- Mandatory
- ✂ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- 🇫🇷 Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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### ○ Content:

○ LTARC2231	Research studios in architecture ■	Olivier Bourez Olivier Camus Dimitri Fache Martin Outers Renaud Pleitinx Luca Sgambi Eric Van Overstraeten	🇫🇷 [q1+q2] [180h] [18 Credits] 🌐
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**OPTION: ARCHITECTURE AND DIGITAL [16.0]**

- Mandatory
- ⊗ Optional
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- 🌐 Open to incoming exchange students
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**o Option : architecture et numérique**

● LBARC2080	Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs	Damien Claeys Maider Laguno	FR [q1] [90h] [8 Credits] ⊕ 🌐	X	X
● LTARC2080	Question d'architecture : architecture et numérique - Partie B : représentations numériques	Damien Claeys	FR [q1] [90h] [8 Credits] ⊙ 🌐	X	X

**OPTION: ARCHITECTURE AND ARTS [16.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
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- △ ⊕ Not offered in 2024-2025 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, ...)

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Year

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**o Content:**

● LTARC2020	Architecture in question : architecture and arts - Module A : architecture and contemporary arts "XPRMTL or experimental architectures	Jean-frédéric de Hasque Anne Nottebaert Henry Pouillon	FR [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly	X	X
● LBARC2020	Architecture in question : architecture and arts (Part B)		FR [q1] [90h] [8 Credits] ⊙ 🌐 > English-friendly	X	X

**OPTION: ARCHITECTURE AND THEORIES [16.0]**



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- Activity with requisites
- 🌐 Open to incoming exchange students
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o Content:

○ LBARC2040	Architecture in question : architecture and Theories (Part A)	Cécile Chanvillard Christine Fontaine	FR [q1] [90h] [8 Credits] ⊕  > English-friendly	x	x
○ LTARC2040	Architecture in question : architecture and theories (Part B)	Gauthier Coton Renaud Pleitinx Henry Pouillon Emmanuelle Weiss	FR [q1] [90h] [8 Credits] ⊗  > English-friendly	x	x

OPTION: ARCHITECTURE AND SOCIETIES [16.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
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- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
-  Open to incoming exchange students
-  Not open to incoming exchange students
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

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o Content:

○ LTARC2045	Architecture in question : societies, cities and territories (Part A)	Audrey Courbebaisse Chloé Salembier	FR [q1] [90h] [8 Credits] ⊕ 	x	
○ LBARC2045					



## OPTION: ARCHITECTURE AND ECOLOGY [16.0]

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- Mandatory
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- △ ⊕ Not offered in 2024-2025 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, ...)

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

Year



## OPTION : ARCHITECTURE AND TERRITORIES [16.0]

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- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 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, ...)

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

Year









Year

⌘ LBARC2020	Architecture in question : architecture and arts (Part B)		
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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.

## Non university Bachelors

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

## Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
<b>"Licenciés"</b>			
All	Three years of exposure to architectural projects, drawing, geometry, construction, and material strength is essential.	<a href="#">Access based on application</a>	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.
<b>Masters</b>			
Any master's degree that has provided training in engineering and architecture skills.		<a href="#">Access based on application</a>	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](http://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

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### 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

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***The evaluation methods comply with the regulations concerning studies and exams. 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 or 29ut du33 Tm

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

SST/LOCI

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

Sciences and Technology (SST)

LOCI

Place du Levant 1 - bte L5.05.05

1348 Louvain-la-Neuve

Tel: +32 (0) 10 47 28 15

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

Website

Mandate(s)

- Dean : Eric Van Overstraeten
- 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)

