

At Tournai - 120 credits - 2 years - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **NO** - Activities in other languages : **NO**Activities on other sites : **NO**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

The challenge for students of architecture, at the end of their Master's course, is to integrate and develop in autonomy the various skills required to analyse, assess and to devise architectural projects. Fully aware of their responsibilities, they will be able to make choices in order to structure the places which are inhabited, invested and produced by local authorities and individuals.

During these two years of study, students have an opportunity to further their knowledge in specific areas such as landscaping, urbanism, heritage, architectonics or sustainable development... The skills gained in architecture school will be assessed by external scholars and practicing architects invited to participate in their evaluations, and our graduates' training will open doors to the field's multiple dimensions.

The skills needed to enter the profession, introduced over the course of study, will be put into practice and completed by a post-graduation professional internship.

The Master's degree also opens access to various fields of specialisation thanks to bridges towards complementary Master's programmes in heritage, urbanism, design... Finally, our faculty's graduates interested in research can also undertake doctoral work.

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

Concevoir un projet

Face à une question complexe d'ordre architectural, discerner, analyser et intégrer les multiples éléments constitutifs d'une réalité en devenir. De là, produire des hypothèses à partir desquelles le choix d'une mise en forme cohérente redéfinit les lieux.

- Articuler et développer, selon une logique maîtrisée, les milieux naturels et artificiels (paysage, urbain, édifice) à différentes échelles.
- Enoncer et hiérarchiser des intentions en vue de poser des choix.
- Comprendre, expérimenter et synthétiser, par un projet d'architecture, l'agencement de lieux.
- Analyser, manipuler, penser, inventer par le dessin, la maquette, les pratiques artistiques.
- Adopter des démarches de type méthodique, créatif, métaphorique, perceptif, collaboratif...

Expérimenter une démarche artistique

Face à une situation quelle qu'elle soit, imaginer et mettre en Œuvre une idée capable d'initier un processus de questionnement.

- Capter l' « air du temps » et inventer ou actualiser les moyens qui seront à même de le révéler.
- Cerner et questionner les limites de son imaginaire.
- Reformuler, s'approprier une question posée et imaginer, produire et explorer de multiples pistes de réponse.
- Imaginer des leviers capables de transformer l'appréhension du réel.
- Poser un acte volontaire sur une indétermination de départ en rassemblant des éléments qui sont a priori diffus et hétérogènes pour faire une proposition appréhendable par autrui.

Se constituer une culture architecturale

Connaître et activer des références écrites, dessinées ou construites qui fondent la discipline.

- Connaître et critiquer les multiples références de la culture disciplinaire.
- Rechercher des références qui, par analogie, ouvrent à d'autres interprétations du contexte.
- Produire de la connaissance et participer activement à son propre processus d'apprentissage.

Situer son action

Observer, analyser et interpréter rigoureusement les multiples composantes matérielles, sociales, culturelles qui constituent la situation dans laquelle s'inscrit la réflexion. Révéler les potentiels de cette situation par l'effet du projet d'architecture.

- Reconnaître, observer, analyser et évaluer de façon critique des lieux et des contextes complexes,
- Identifier et interroger, par des regards croisés, les paradigmes qui sous-tendent les analyses.
- Enoncer des questions qui conditionnent le devenir du contexte étudié et construire des scénarii quant à son évolution potentielle.
- Expérimenter et évaluer les possibilités de transformation d'un contexte.

Mobiliser d'autres disciplines

Activer sa curiosité pour éprouver les fondements de ses acquis. Adopter une démarche transversale en vue d'opérer les transformations pertinentes.

- Être à même d'aller à la rencontre d'autres concepts et méthodes, d'échanger et de nourrir la réflexion architecturale.
- Situer et synthétiser les savoirs d'autres disciplines.
- Manipuler stratégiquement des contenus d'autres disciplines pour questionner la conception et la mise en Œuvre de l'architecture.
- Faire retour sur la discipline.

Concrétiser une dimension technique

Intégrer et développer des savoirs techniques et scientifiques de l'édification en vue de les manipuler comme levier d'une conception architecturale performante et soutenable.

- Connaître et interpréter les principes techniques de l'édification.
- Observer et évaluer les principes constructifs qui génèrent une dimension formelle, matérielle et temporelle de l'architecture.
- Savoir faire converger les diverses implications techniques constituant une production architecturale.

- Discerner et reformuler une compréhension intuitive des structures en vue de concrétiser une production architecturale créative, inventive et/ou innovante.

Exprimer une démarche architecturale

Choisir et utiliser les moyens conventionnels et artistiques pour explorer, déceler, concevoir, donner à voir une réalité, un concept, un projet.

- Maîtriser les opérations et les codes de la représentation de l'espace, en deux et en trois dimensions.
- Explorer et restituer l'expérience d'une spatialité complexe en l'observant et en la questionnant.
- Identifier les fondements d'une hypothèse ou d'une proposition pour les exprimer et les communiquer.
- Choisir les moyens de communication adéquats en fonction du public et des objectifs visés.
- Exprimer clairement oralement, graphiquement et par écrit les fondements de ses (ou d'une) idée(s).

Adopter une attitude professionnelle

Agir en tant qu'acteur ou actrice conscient-e de ses responsabilités, prêt-e à interagir avec les intervenants de l'acte de bâtir.

- Organiser, planifier, développer et synthétiser un travail individuel ou collectif.
- Ecouter et reformuler les besoins et points de vue des différents interlocuteurs afin de dégager les points convergeant vers les objectifs visés.
- Agir en acteur ou actrice indépendant-e et critique, conscient-e de l'enjeu de sa mission, de ses responsabilités envers des tiers et de ses obligations légales.
- Observer l'évolution de la pratique professionnelle, s'adapter en s'impliquant de manière autonome dans une logique de recherche et de développement continu.

Poser des choix engagés

S'engager face à une situation, de manière responsable, en s'appuyant sur une réflexivité sociétale et culturelle.

- Faire preuve d'éthique et d'une capacité de résistance à travers ses prises de position architecturales.
- Etre conscient-e de la signification politique de son activité, et de sa responsabilité vis-à-vis de la société, dans l'intérêt public.
- Formuler un point de vue critique par la mise en relation des différentes perspectives méthodologiques et épistémologiques.
- Pouvoir juger, en autonomie, du bien fondé d'une idée menant aux objectifs à atteindre par le projet ; poursuivre avec détermination, même par une intervention modeste, la réalisation de cette idée et l'aboutissement de ces objectifs.
- Formuler des propositions ambitieuses capables de remettre en cause les choix de société.

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 [74.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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o Projet d'architecture

○ LTARC2101	Architectural design studio 4: further exploration	Ludovic Blanckaert Christoffel Boghaert Gauthier Coton Jerome De Alzua Sophie Delhay Dimitri Fache Lyderic Veauvy Emmanuelle Weiss	(FR) [q1+q2] [240h] [20 Credits]	X	
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o Travail de fin d'études (16 credits)

○ LTARC2200	Master thesis		(FR) [q2] [] [16 Credits]	X	X
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o Expression, représentation et communication

○ LTARC2120	Means of expression and representation: narration	Geert De Groote	(FR) [q2] [60h] [3 Credits]	X	
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o Contexte et culture

○ LTARC2140	History of architecture : contemporary issues	Henry Pouillon	(FR) [q2] [30h] [3 Credits]	X	
○ LTARC2240	Theory of Architecture : contemporary issues	Frank Vermandel	(FR) [q1] [30h] [3 Credits]		X
○ LTARC2141	Utopias and realities of dwelling	Chloé Salembier	(FR) [q2] [30h] [3 Credits]	X	
○ LTARC2142	Architecture, town and territory: theories and methods of urbanism	Benedicte Grosjean	(FR) [q2] [30h] [3 Credits]	X	

o Matériaux, structure et construction

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

o Pratique professionnelle

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

o Cours au choix (6 credits)

⊗ LBARC2126	Industrial design studio	Charles Kaisin	(FR) [q2] [45h] [3 Credits]	X	X
⊗ LTARC2127	Theory of the image	Pascal Marchant Yeung Fun Yuen	(FR) [q2] [30h] [3 Credits]	X	X
⊗ LBARC2147	History of gardens	Roselyne de Lestrangle	(FR) [q2] [30h] [3 Credits]	X	X

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				1	2
⊗ LTARC2145	Phenomenology	Marie-Clotilde Roose	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2148	Critique d'architecture contemporaine	Gregoire Guillaume	EB [q2] [30h] [3 Credits]	x	x
⊗ LTARC2167	Scale 1/1	Mathieu De Paepe Franck Miner	EB [q2] [45h] [3 Credits]	x	x
⊗ LBARC2149	Perceptions et pratiques de l'environnement construit	Jean-Luc Capron	EB [q2] [30h] [3 Credits]	x	x
⊗ LTARC2169	Modeling project data	Maidier Llaguno	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2186		Joel Van Ypersele De Strihou	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2165	Building pathology and expertise	Olivier Laloux	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2185	Applied economics	Nathalie Van Droogenbroeck	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2195	Tutoring		EB [q2] [] [3 Credits]	x	x
⊗ LTARC2196	In situ : Lemps	Pierre Accarain Eric Van Overstraeten	EB [q3] [30h] [3 Credits]	x	x
⊗ LLOCI2004	International Workshop		EB [] [] [3 Credits]	x	x
⊗ LTARC2152	Introduction au système d'information géographique	Georges Mabile	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2146	Space, light and color	Jean-Luc Capron	EB [q2] [30h] [3 Credits]	x	x
⊗ LLOCI2006	Parametric design	André Stephan	EB [q2] [30h] [3 Credits]	x	x
⊗ LBARC2144	The 20th century built heritage and the preservation project	Giulia Marino	EB [q2] [30h] [3 Credits]	x	x

PROFESSIONAL FOCUS

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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o Content:

○ LTARC2231	Research studios ■	Pierre Accarain Olivier Bourez Olivier Camus Renaud De Villiers De La Noue Dimitri Fache Pascal Marchant Renaud Pleitinx Chloé Salembier Luca Sgambi Eric Van Overstraeten Quentin Wilbaux Yeung Fun Yuen	[FR] [q1+q2] [180h] [18 Credits]		x
○ LTARC2283	Masters internship		[FR] [q2] [] [3 Credits]		x

o Méthodologie et recherche

○ LTARC2130	Introduction to research	Henry Pouillon Chloé Salembier Quentin Wilbaux	[FR] [q1] [30h] [3 Credits]		x
○ LTARC2131	Méthodologies appliquées à la recherche	Olivier Laloux Henry Pouillon	[FR] [q2] [30h] [3 Credits]		x
○ LTARC2230	Critical research seminars ■	Gauthier Coton Renaud De Villiers De La Noue Pascal Marchant Marie-Clotilde Roose Chloé Salembier Frank Vermandel Quentin Wilbaux	[FR] [q1] [30h] [3 Credits]		x

OPTIONS

- > Option: architecture et numérique [en-prog-2021-arct2m-larcx100o]
- > Option: architecture et arts [en-prog-2021-arct2m-larcx200o]
- > Option: architecture et théories [en-prog-2021-arct2m-larcx300o]
- > Option: architecture et sociétés [en-prog-2021-arct2m-larcx400o]
- > Option: architecture et patrimoine [en-prog-2021-arct2m-larcx500o]
- > Option: architecture et écologie [en-prog-2021-arct2m-larcx600o]
- > Option: architecture et technologies [en-prog-2021-arct2m-larcx700o]
- > Option : architecture et territoires [en-prog-2021-arct2m-larcx900o]
- > Cours au choix : questions d'architecture [en-prog-2021-arct2m-larcx905o]

OPTION: ARCHITECTURE ET NUMÉRIQUE [8.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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o Option : architecture et numérique

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

OPTION: ARCHITECTURE ET ARTS

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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Year

1 2

o Content:

● LTARC2020	Architecture in question : contemporary art and architecture (Part A)	Laure Cottin Stefanelli Anne Nottebaert Henry Pouillon Yeung Fun Yuen	FR [q1] [90h] [8 Credits] ⊖	x	x
● LBARC2020	Architecture in question : architecture and arts (Part B)	Ambra Fabi Philippe Honhon Raphaël Pirenne	FR [q1] [90h] [8 Credits] ⊕	x	x

OPTION: ARCHITECTURE ET THÉORIES

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international 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 Content:

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

OPTION: ARCHITECTURE ET SOCIÉTÉS

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international 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 Content:

○ LTARC2045	Architecture in question : societies, cities and territories (Part A)	Olivier Camus Audrey Courbebaisse Chloé Salembier Quentin Wilbaux	(FR) [q1] [90h] [8 Credits] ⊙	x	x
○ LBARC2045	Architecture in question : societies, cities and territories (Part B)	Olivier Camus Audrey Courbebaisse Chloé Salembier (coord.) Pierre Vanderstraeten Quentin Wilbaux	(FR) [q1] [90h] [8 Credits] ⊕	x	x

OPTION: ARCHITECTURE ET PATRIMOINE

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international 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 Content:

● LBARC2050	Architecture in question : architecture and heritage	Caroline Bolle Jean-François Rondeaux Jean-Louis Vanden Eynde David Vandenbroucke	(FR) [q1] [90h] [8 Credits] ⊖	x	x
● LTARC2050	Architecture in question : heritage and memory (Part B)	Caroline Bolle Jean-Louis Vanden Eynde David Vandenbroucke	(FR) [q1] [90h] [8 Credits] ⊕	x	x

OPTION: ARCHITECTURE ET ÉCOLOGIE [16.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international 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 Content:

● LBARC2060	Question d'architecture : architecture et écologie. Module A : Design constructif et performances	Jean-Luc Capron Christophe Gillis Jean-François Rondeaux Geoffrey Van Moeseke	(FR) [q1] [90h] [8 Credits] ⊖	x	x
● LBARC2061	Question d'architecture : architecture et écologie. Module B: matérialité et prototype	Christophe Gillis Emilie Gobbo (compensates Jean-Francois Roger France) Benoit Thielemans Sophie Trachte	(FR) [q1] [90h] [8 Credits] ⊕	x	x

OPTION: ARCHITECTURE ET TECHNOLOGIES

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
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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:

○ LTARC2065	Architecture in question : architecture and technologies (part A)	Pascaline Faux Olivier Gallez Bernard Wittevrongel	(FR) [q1] [90h] [8 Credits] ⊖	x	x
○ LTARC2066	Architecture in question : architecture and technologies (part B)	Pascaline Faux Olivier Gallez Bernard Wittevrongel	(FR) [q1] [90h] [8 Credits] ⊕	x	x

OPTION : ARCHITECTURE ET TERRITOIRES [8.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

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o Option : architecture et territoires

○ LBARC2046	Question d'architecture : architecture et territoires - Partie A :questionner les dynamiques linéaires et les réseaux d'un territoire	Yasmina Choueiri (compensates Daniela Perrotti) Pierre Vanderstraeten Francois Vermer Quentin Wilbaux	(FR) [q1] [90h] [8 Credits] ⊕	x	x
○ LTARC2046	Question d'architecture : architecture et territoires- Partie B: questionner les polarités et lieux de centralité au sein d'un territoire	Francois Vermer Quentin Wilbaux	(FR) [q1] [90h] [8 Credits] ⊖	x	x

COURS AU CHOIX : QUESTIONS D'ARCHITECTURE [16.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
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Year

1 2

o Content:

				1	2
⊗ LTARC2020	Architecture in question : contemporary art and architecture (Part A)	Laure Cottin Stefanelli Anne Nottebaert Henry Pouillon Yeung Fun Yuen	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LBARC2020	Architecture in question : architecture and arts (Part B)	Ambra Fabi Philippe Honhon Raphaël Pirene	FR [q1] [90h] [8 Credits] ⊕	X	X
⊗ LBARC2040	Architecture in question : architecture and Theories (Part A)	Cécile Charvillard Christine Fontaine	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LTARC2040	Architecture in question : architecture and theories (Part B)	Gauthier Coton Renaud Pleitinx Henry Pouillon Emmanuelle Weiss	FR [q1] [90h] [8 Credits] ⊕	X	X
⊗ LTARC2045	Architecture in question : societies, cities and territories (Part A)	Olivier Camus Audrey Courbebaïsse Chloé Salembier Quentin Wilboux	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LBARC2045	Architecture in question : societies, cities and territories (Part B)	Olivier Camus Audrey Courbebaïsse Chloé Salembier (coord.) Pierre Vanderstraeten Quentin Wilboux	FR [q1] [90h] [8 Credits] ⊕	X	X
⊗ LBARC2050	Architecture in question : architecture and heritage	Caroline Bolle Jean-François Rondeaux Jean-Louis Vanden Eynde David Vandenbroucke	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LTARC2050	Architecture in question : heritage and memory (Part B)	Caroline Bolle Jean-Louis Vanden Eynde David Vandenbroucke	FR [q1] [90h] [8 Credits] ⊕	X	X
⊗ LBARC2060	Question d'architecture : architecture et écologie. Module A : Design constructif et performances	Jean-Luc Capron Christophe Gillis Jean-François Rondeaux Geoffrey Van Moeseke	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LBARC2061	Question d'architecture : architecture et écologie. Module B: matérialité et prototype	Christophe Gillis Emilie Gobbo (compensates Jean-Francois Roger France) Benoit Thielemans Sophie Trachte	FR [q1] [90h] [8 Credits] ⊕	X	X
⊗ LTARC2065	Architecture in question : architecture and technologies (part A)	Pascaline Faux Olivier Gallez Bernard Wittevrongel	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LTARC2066	Architecture in question : architecture and technologies (part B)	Pascaline Faux Olivier Gallez Bernard Wittevrongel	FR [q1] [90h] [8 Credits] ⊕	X	X
⊗ LBARC2080	Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs	Damien Claeys Mark Meagher	FR [q1] [90h] [8 Credits] ⊖	X	X
⊗ LTARC2080	Question d'architecture : architecture et numérique - Partie B : représentations numériques	Damien Claeys Maider Laguno	FR [q1] [90h] [8 Credits] ⊕	X	X

Year

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⊗ LTARC2046	Question d'architecture : architecture et territoires- Partie B: questionner les polarités et lieux de centralité au sein d'un territoire	Francois Vermer Quentin Wilboux	PR [q1] [90h] [8 Credits] ∅	x	x
⊗ LBARC2046	Question d'architecture : architecture et territoires - Partie A :questionner les dynamiques linéaires et les réseaux d'un territoire	Yasmina Choueiri (compensates Daniela Perrotti) Pierre Vanderstraeten Francois Vermer Quentin Wilboux	PR [q1] [90h] [8 Credits] ⊕	x	x

Course prerequisites

The **table** below lists the activities (course units, or CUs) for which there are one or more prerequisites within the programme, i.e. the programme CU for which the learning outcomes must be certified and the corresponding credits awarded by the jury before registering for that CU.

These activities are also identified **in the detailed programme**: their title is followed by a yellow square.

Prerequisites and student's annual programme

As the prerequisite is for CU registration purposes only, there are no prerequisites within a programme year. Prerequisites are defined between CUs of different years and therefore influence the order in which the student will be able to register for the programme's CUs.

In addition, when the jury validates a student's individual programme at the beginning of the year, it ensures its coherence, meaning that it may:

- transform a prerequisite into a corequisite within the same year (to enable the student to continue his or her studies with a sufficient annual course load)
- require the student to combine registration in two separate CUs which it considers necessary from a pedagogical point of view.

For more information, please consult the [Academic Regulations and Procedures](#).

Prerequisites list

LTARC2230 "[Séminaire de recherche critique](#)" has prerequisite(s) LTARC2130

- LTARC2130 - [Introduction to research](#)

LTARC2231 "[Ateliers de recherche TFE en et sur l'architecture](#)" has prerequisite(s) LTARC2101 ET LTARC2130 ET LTARC2131

- LTARC2101 - [Architectural design studio 4: further exploration](#)
- LTARC2130 - [Introduction to research](#)
- LTARC2131 - [Méthodologies appliquées à la recherche](#)

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies 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.

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

SUMMARY

- > [General admission requirements](#)
- > [Specific Admission 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 Admission 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	Pour l'étudiant qui n'aurait pas suivi le cursus régulier, la Commission d'admission peut proposer un programme adapté à sa 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	Le cas échéant, la Commission d'admission propose à l'étudiant un programme adapté à sa situation
Bachelier en architecture [180.0] (non universitaire)		Direct access	Diplôme obtenu avant l'année académique 2010-2011
Bachelors of the Dutch speaking Community of Belgium			
Bachelor in ingenieurs Wetenschappen : architectuur [180.0]		Access based on application	Access based on application
Bachelor in architectuur [180.0] (niet-universiteit)		Access based on application	Access based on application
Foreign Bachelors			
Bachelier en architecture [180.0]		Access based on application	L'étudiant complète son dossier de demande d'admission auprès de la Faculté LOCI, comprenant son curriculum détaillé (liste des cours suivis et points obtenus, année par année), par un porte-folio de ses projets d'architecture. Le

cas échéant, la Commission d'admission propose un programme adapté à sa situation

Non university Bachelors

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

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
Tous	Une exposition pendant 3 an au projet d'architecture, au dessin, à la géométrie, à la construction, à la résistance des matériaux est indispensable.	Access based on application	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.
Masters			

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

Admission on the basis of a submitted dossier may be granted either directly or on the condition of completing additional coursework 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 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 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)

