

ARCT2M

2016 - 2017

Master [120] in Architecture (Tournai)

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: **Faculté d'architecture, d'ingénierie architecturale, d'urbanisme (LOCI)**Programme code: **arct2m** - Francophone Certification Framework: 7**Table of contents**

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ARCT2M - Introduction

Introduction

ARCT2M - Teaching profile

Learning outcomes

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Programme structure

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For a programme-type, and regardless of the focus, options/or elective courses selected, this master will carry a minimum of 120 credits divided over two annual units, corresponding to 60 credits each.

> [Tronc commun du master en architecture à Tournai](#) [en-prog-2016-arct2m-larct1t.html]

> [Finalité spécialisée du master en architecture à Tournai](#) [en-prog-2016-arct2m-larct2s]

Options courses

- > [Option: art](#) [en-prog-2016-arct2m-larcx200o.html]
- > [Option: histoire et théorie](#) [en-prog-2016-arct2m-larcx300o.html]
- > [Option: société, villes, territoires](#) [en-prog-2016-arct2m-larcx400o.html]
- > [Option: patrimoine](#) [en-prog-2016-arct2m-larcx500o.html]
- > [Option: environmental design](#) [en-prog-2016-arct2m-larcx600o.html]
- > [Option: structure](#) [en-prog-2016-arct2m-larcx700o.html]
- > [Cours au choix : questions d'architecture](#) [en-prog-2016-arct2m-larcx800o.html]

ARCT2M Detailed programme

Programme by subject

CORE COURSES [74.0]

- Mandatory
- △ Courses not taught during 2016-2017
- ⊕ Periodic courses taught during 2016-2017
- ⊗ Optional
- ⊖ Periodic courses not taught during 2016-2017
- Activity with requisites

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

Year

1 2

● projet d'architecture

● LTARC2101	Architectural design studio 4: further exploration	Pierre.Accarain Ludovic.Blanckaert Olivier.Camus Jerome.Dealzua Mia.Hagg Damien.Surroca Emmanuelle.Weiss	240h	20 Credits	1 + 2q	x	
● LTARC2201	Architectural design studio 5 : mastery ■	Dimitri.Fache Eric.Vanoverstraeten Adrien.Verschuere	120h	10 Credits	1q		x

o Expression, représentation et communication

○ LTARC2120	Means of expression and representation: narration	Pascal.Marchant Yeung.Yuen	60h	3 Credits	2q	x	
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o Méthodologie et recherche

○ LTARC2130	Introduction to research	Caroline.Bolle Henry.Pouillon (compensates Chloé Salembier) Chloe.Salembier	30h	3 Credits	1q	x	
○ LTARC2230	Critical research seminars	Jerome.Dealzua Renaud.Devilliers Pascal.Marchant Marie-Clotilde.Roose Chloe.Salembier Damien.Vanneste (compensates Chloé Salembier) Frank.Vermandel Quentin.Wilbaux	30h	3 Credits	1q		x

o Contexte et culture

○ LTARC2140	History of architecture : contemporary issues	Jean.Stillemans	30h	3 Credits	2q	x	
○ LTARC2240	Theory of Architecture : contemporary issues	Frank.Vermandel	30h	3 Credits	1q		x
○ LTARC2141	Utopias and realities of dwelling	Gerald.Ledent (compensates Chloé Salembier) Chloe.Salembier	30h	3 Credits	2q	x	
○ LTARC2142	Architecture, town and territory: theories and methods of urbanism	Benedicte.Grosjean	30h	3 Credits	1q	x	

o Matériaux, structure et construction

○ LTARC2160	Building mechanical systems and flows	Adolf.Skok	40h	4 Credits	1q	x	
○ LTARC2161	Structural Design 2	Luca.Sgambi	40h	4 Credits	2q	x	
○ LTARC2162	Construction materials and mechanical systems	Olivier.Laloux	30h	3 Credits	1q	x	

o Pratique professionnelle

○ LTARC2280	Law and professional responsibilities	France.Guerenne Louis.Vansnick	30h	3 Credits	1q		x
○ LTARC2281	Project management and professional practice	Matthieu.Meunier	30h	3 Credits	1q		x

o Cours au choix (6 credits)

⊗ LBARC2125	Expression	Michele.Demyttenaere	45h	3 Credits	2q	x	
⊗ LBARC2126	Industrial design studio	Charles.Kaisin	45h	3 Credits	2q	x	
⊗ LBARC2146	Space, light and color	Jean-Luc.Capron	30h	3 Credits	2q	x	
⊗ LBARC2147	History of gardens	Jean-Louis.Vandeneynde	30h	3 Credits	2q	x	
⊗ LBARC2165	Building pathology and expertise	Monique.Novis	30h	3 Credits	2q	x	
⊗ LBARC2166	Sustainable architecture	Benoit.Thielemans	30h	3 Credits	2q	x	
⊗ LBARC2168	Structural Design : Assemblies, edges and singularities	Francis.Devos	30h	3 Credits	2q	x	
⊗ LBARC2185	Applied economics	Nathalie.Vandroogenbroeck	30h	3 Credits	2q	x	

						Year	
						1	2
⊗ LBARC2186		Joel.Vanypersele	30h	3 Credits	2q	x	
⊗ LTARC2127	Theory of the image	Pascal.Marchant	30h	3 Credits	2q	x	
⊗ LTARC2145	Phenomenology	Marie-Clotilde.Roose	30h	3 Credits	2q	x	
⊗ LTARC2167	Scale 1/1	Jan.Godvyns	45h	3 Credits	2q	x	
⊗ LTARC2169	Modeling project data	Jean-Pierre.Couwenbergh	30h	3 Credits	2q	x	

FINALITÉ SPÉCIALISÉE DU MASTER EN ARCHITECTURE À TOURNAI

● Mandatory

△ Courses not taught during 2016-2017

⊕ Periodic courses taught during 2016-2017

⊗ Optional

⊖ Periodic courses not taught during 2016-2017

■ Activity with requisites

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

						Year	
						1	2
● LTARC2231	Research studios ■	Pierre.Accarain Olivier.Bourez Christian.Gilot Renaud.Pleitinx Eric.Vanoverstraeten Adrien.Verschuere	90h	8 Credits	2q		x
● LTARC2200	Master thesis			19 Credits	2q		x
● LTARC2283	Masters internship			3 Credits	2q		x

OPTIONS

L'étudiant choisit une option s'il souhaite participer à la question d'architecture A et B dans le même thème. Attention certaines questions d'architecture sont dispensées sur les sites de Bruxelles ou Tournai (alternance)

- > Option: art [en-prog-2016-arct2m-larcx200o]
- > Option: histoire et théorie [en-prog-2016-arct2m-larcx300o]
- > Option: société, villes, territoires [en-prog-2016-arct2m-larcx400o]
- > Option: patrimoine [en-prog-2016-arct2m-larcx500o]
- > Option: environmental design [en-prog-2016-arct2m-larcx600o]
- > Option: structure [en-prog-2016-arct2m-larcx700o]
- > Cours au choix : questions d'architecture [en-prog-2016-arct2m-larcx800o]

OPTION: ART

- Mandatory
- △ Courses not taught during 2016-2017
- ⊕ Periodic courses taught during 2016-2017
- ⊗ Optional
- ⊙ Periodic courses not taught during 2016-2017
- Activity with requisites

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

						Year	
						1	2
● LTARC2020	Architecture in question : contemporary art and architecture (Part A)	Pascal.Marchant Anne.Nottebaert Henry.Pouillon	90h	8 Credits	1q ⊕	x	x
● LBARC2020	Architecture in question : contemporary art and architecture (Part B)		90h	8 Credits	1q ⊙	x	x

OPTION: HISTOIRE ET THÉORIE

- Mandatory
- △ Courses not taught during 2016-2017
- ⊕ Periodic courses taught during 2016-2017
- ⊗ Optional
- ⊙ Periodic courses not taught during 2016-2017
- Activity with requisites

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

						Year	
						1	2
● LBARC2040	Architecture in question : History and Theory (Part A)	Cecile.Chanvillard Christine.Fontaine	90h	8 Credits	1q ⊕	x	x
● LTARC2040	Architecture in question : History and Theory (Part B)		90h	8 Credits	1q ⊙	x	x

OPTION: SOCIÉTÉ, VILLES, TERRITOIRES

- Mandatory
 Courses not taught during 2016-2017
 Periodic courses taught during 2016-2017
- Optional
 Periodic courses not taught during 2016-2017
 Activity with requisites

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

						Year	
						1	2
<input type="radio"/> LTARC2045	Architecture in question : societies, cities and territories (Part A)	Vincent.Bottieu (compensates) Chloé Salembier Benedicte.Grosjean (compensates) Chloé Salembier Chloe.Salembier Quentin.Wilbaux	90h	8 Credits	1q <input type="plus"/>	x	x
<input type="radio"/> LBARC2045	Architecture in question : societies, cities and territories (Part B)		90h	8 Credits	1q <input type="circle-slash"/>	x	x

OPTION: PATRIMOINE

- Mandatory
 Courses not taught during 2016-2017
 Periodic courses taught during 2016-2017
- Optional
 Periodic courses not taught during 2016-2017
 Activity with requisites

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

						Year	
						1	2
<input type="radio"/> LBARC2050	Architecture in question : heritage and memory (Part A)	Caroline.Bolle Jean-Louis.Vandeneynde David.Vandenbroucke	90h	8 Credits	1q <input type="plus"/>	x	x
<input type="radio"/> LTARC2050	Architecture in question : heritage and memory (Part B)	Caroline.Bolle Bernard.Gochet Jean-Louis.Vandeneynde David.Vandenbroucke	90h	8 Credits	1q <input type="circle-slash"/>	x	x

OPTION: ENVIRONMENTAL DESIGN [16.0]

- Mandatory
 Courses not taught during 2016-2017
 Periodic courses taught during 2016-2017
- Optional
 Periodic courses not taught during 2016-2017
 Activity with requisites

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

						Year	
						1	2
<input type="radio"/> LBARC2060	Architecture in question : environmental design (part A)	Magali.Bodart Jean-Luc.Capron Christophe.Gillis Geoffrey.Vanmoeseke	90h	8 Credits	1q <input type="plus"/>	x	x
<input type="radio"/> LBARC2061	Architecture in question : environmental design (part B)		90h	8 Credits	1q <input type="circle-slash"/>	x	x

OPTION: STRUCTURE

- Mandatory
 △ Courses not taught during 2016-2017
 ⊕ Periodic courses taught during 2016-2017
- ⊗ Optional
 ⊙ Periodic courses not taught during 2016-2017
 ■ Activity with requisites

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

						Year	
						1	2
○ LTARC2065	Architecture in question : structure, mechanical systems, construction (part A)	Pascaline.Faux Olivier.Gallez Guido.Mouton Bernard.Wittevrongel	90h	8 Credits	1q ⊕	x	x
○ LTARC2066	Architecture in question : structure, mechanical systems, construction (part B)	Pascaline.Faux Olivier.Laloux Bernard.Wittevrongel	90h	8 Credits	1q ⊙	x	x

COURS AU CHOIX : QUESTIONS D'ARCHITECTURE [16.0]

- Mandatory
 △ Courses not taught during 2016-2017
 ⊕ Periodic courses taught during 2016-2017
- ⊗ Optional
 ⊙ Periodic courses not taught during 2016-2017
 ■ Activity with requisites

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

						Year	
						1	2
○ LTARC2020	Architecture in question : contemporary art and architecture (Part A)	Pascal.Marchant Anne.Nottebaert Henry.Pouillon	90h	8 Credits	1q ⊕	x	x
○ LBARC2020	Architecture in question : contemporary art and architecture (Part B)		90h	8 Credits	1q ⊙	x	x
○ LBARC2040	Architecture in question : History and Theory (Part A)	Cecile.Chanvillard Christine.Fontaine	90h	8 Credits	1q ⊕	x	x
○ LTARC2040	Architecture in question : History and Theory (Part B)		90h	8 Credits	1q ⊙	x	x
○ LTARC2045	Architecture in question : societies, cities and territories (Part A)	Vincent.Bottieu (compensates) Chloé Salembier Benedicte.Grosjean (compensates) Chloé Salembier Chloe.Salembier Quentin.Wilbaux	90h	8 Credits	1q ⊕	x	x
○ LBARC2045	Architecture in question : societies, cities and territories (Part B)		90h	8 Credits	1q ⊙	x	x
○ LBARC2050	Architecture in question : heritage and memory (Part A)	Caroline.Bolle Jean-Louis.Vandeneynde David.Vandenbroucke	90h	8 Credits	1q ⊕	x	x
○ LTARC2050	Architecture in question : heritage and memory (Part B)	Caroline.Bolle Bernard.Gochet Jean-Louis.Vandeneynde David.Vandenbroucke	90h	8 Credits	1q ⊙	x	x
○ LBARC2060	Architecture in question : environmental design (part A)	Magali.Bodart Jean-Luc.Capron Christophe.Gillis Geoffrey.Vanmoeseke	90h	8 Credits	1q ⊕	x	x
○ LBARC2061	Architecture in question : environmental design (part B)		90h	8 Credits	1q ⊙	x	x
○ LTARC2065	Architecture in question : structure, mechanical systems, construction (part A)	Pascaline.Faux Olivier.Gallez Guido.Mouton Bernard.Wittevrongel	90h	8 Credits	1q ⊕	x	x

						Year	
						1	2
○ LTARC2066	Architecture in question : structure, mechanical systems, construction (part B)	Pascaline.Faux Olivier.Laloux Bernard.Wittevrongel	90h	8 Credits	1q ☉	x	x

Course prerequisites

A document entitled [en-prerequis-2016-arct2m.pdf](#) specifies the activities (course units - CU) with one or more pre-requisite(s) within the study programme, that is the CU whose learning outcomes must have been certified and for which the credits must have been granted by the jury before the student is authorised to sign up for that activity.

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

As the prerequisites are a requirement of enrolment, there are none within a year of a course.

The prerequisites are defined for the CUs for different years and therefore influence the order in which the student can enrol in the programme's CUs.

In addition, when the panel validates a student's individual programme at the beginning of the year, it ensures the consistency of the individual programme:

- It can change a prerequisite into a corequisite within a single year (to allow studies to be continued with an adequate annual load);
- It can require the student to combine enrolment in two separate CUs it considers necessary for educational purposes.

For more information, please consult [regulation of studies and exams](#).

The programme's courses and learning outcomes

For each UCL training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document "In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"

The document is available by clicking [this link](#) after being authenticated with UCL account.

ARCT2M - Information

Admission

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

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](#)
- [Non university Bachelors](#)
- [Holders of a 2nd cycle University degree](#)
- [Holders of a non-University 2nd cycle degree](#)
- [Adults taking up their university training](#)
- [Personalized access](#)

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCL Bachelors			
Bachelor in architecture (Bruxelles)		Direct access	
Bachelor in Engineering : Architecture		On the file: direct access or access with additional training	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			
Bachelors of the Dutch speaking Community of Belgium			
Foreign Bachelors			
Bachelier en architecture [180.0]		On the file: direct access or access with additional training	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
Bachelier en sciences de l'ingénieur, orientation ingénieur civil architecte [180.0]		On the file: direct access or access with additional training	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

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

Titres requis.

Pour être admis au Master en architecture, le candidat doit être titulaire d'un bachelier en architecture délivré soit par une Université de la Communauté française de Belgique, soit par un Institut Supérieur d'Architecture de la Communauté française de Belgique, soit par une institution de la Communauté flamande de Belgique (Hoger Architectuur Instituut)

 Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			

Masters **Holders of a non-University 2nd cycle degree**

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

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.

Adults taking up their university training

> See the website [Valorisation des acquis de l'expérience](#)

It is possible to gain admission to all masters courses via the validation of professional experience procedure.

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

Consultez le site www.uclouvain.be/vae

Personalized access

Reminder : all Masters (apart from Advanced Masters) are also accessible on file.

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.

Mobility and/or Internationalisation outlook

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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
