

At Bruxelles Saint-Gilles - 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: **ARCB2M** - Francophone Certification Framework: 7**Table of contents**

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ARCB2M - Introduction

Introduction

ARCB2M - 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

ARCB2M Programme

Detailed programme by subject

CORE COURSES

- 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, ...)

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

Year

1 2

○ Architectural studio (20 credits)

| | | | | | |
|-------------|--|---|----------------------------------|---|--|
| ○ LBARC2101 | Architectural design studio 4: further exploration | Emmanuel Beldars Abdelmajid Boulaïoune David Schmitz Pascale Van de Kerchove | FR [q1+q2] [240h] [20 Credits] 🌐 | X | |
|-------------|--|---|----------------------------------|---|--|

○ Master Thesis (16 credits)

| | | | | | |
|-------------|---------------|--|---------------------------|--|---|
| ○ LBARC2200 | Master thesis | | FR [q2] [] [16 Credits] 🌐 | | X |
|-------------|---------------|--|---------------------------|--|---|

○ Expression, representation and communication (3 credits)

| | | | | | |
|-------------|---|------------------------------|-----------------------------|---|--|
| ○ LBARC2120 | Means of expression and representation: narration | Éva Le Roi Vincent Piroux | FR [q2] [60h] [3 Credits] 🌐 | X | |
|-------------|---|------------------------------|-----------------------------|---|--|

○ Materials, structure and construction (11 credits)

| | | | | | |
|-------------|---|-------------------|-----------------------------|---|--|
| ○ LBARC2160 | Building mechanical systems and flows | | FR [q1] [40h] [4 Credits] 🌐 | X | |
| ○ LBARC2161 | Structural Design 2 | Luc Sottiaux | FR [q2] [40h] [4 Credits] 🌐 | X | |
| ○ LBARC2162 | Construction materials and mechanical systems | Christophe Gillis | FR [q1] [30h] [3 Credits] 🌐 | X | |

○ Context and culture (12 credits)

| | | | | | |
|-------------|--|----------------------|---|---|---|
| ○ LBARC2140 | History of architecture : contemporary issues | Beatrice Lampariello | FR [q2] [30h] [3 Credits] 🌐 | X | |
| ○ LBARC2141 | Theory of Architecture : contemporary issues | Damien Claeys | FR [q2] [30h] [3 Credits] 🌐 | X | |
| ○ LBARC2240 | Utopias and realities of dwelling | Gérald Ledent | FR [q1] [30h] [3 Credits] 🌐 | | X |
| ○ LBARC2142 | Architecture, town and territory: theories and methods of urbanism | | FR [q1] [30h] [3 Credits] 🌐 > English-friendly | X | |

○ Professional practice (6 credits)

| | | | | | |
|-------------|--|---------------------------------|---|--|---|
| ○ LBARC2280 | Law and professional responsibilities | Joel Van Ypersele De Strihou | FR [q1] [30h] [3 Credits] 🌐 > English-friendly | | X |
| ○ LBARC2281 | Project management and professional practice | Christophe Gillis | FR [q1] [30h] [3 Credits] 🌐 | | X |

○ 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] 🌐 | X | X |
| ⊗ LBARC2147 | History of gardens | Roselyne de Lestrangé | FR [q2] [30h] [3 Credits] 🌐 | X | X |
| ⊗ LTARC2145 | Phenomenology | Marie-Clotilde Roose | FR [q2] [30h] [3 Credits] 🌐 | X | X |
| ⊗ LBARC2144 | The 20th century built heritage and the preservation project | Giulia Marino | FR [q2] [30h] [3 Credits] 🌐 > English-friendly | X | X |
| ⊗ LTARC2143 | Spaces and relations of domination | Chloé Salembier | FR [q2] [30h] [3 Credits] 🌐 | X | X |

Year

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|-------------|--|----------------------------------|--|---|---|
| ⌘ LBARC2146 | Space, light and color | | FR [q2] [30h] [3 Credits] Δ  > English-friendly | X | X |
| ⌘ LTARC2167 | studio 1/1 scale | Mathieu De Paepe Franck Miner | FR [q2] [45h] [3 Credits]  > English-friendly | X | X |
| ⌘ LTARC2152 | Introduction au système d'information géographique | Georges Mabilie | FR [q2] [30h] [3 Credits]  | X | X |
| ⌘ LTARC2169 | Modeling project data | | FR [q2] [30h] [3 Credits]  > English-friendly | X | X |
| ⌘ LBARC2186 | Urban planning and environmental law | Joel Van Ypersele De Strihou | FR [q2] [30h] [3 Credits]  > English-friendly | X | X |
| ⌘ LBARC2184 | Internship: fieldworker/research | | FR [q2] [] [3 Credits]  | X | X |
| ⌘ LBARC2185 | Applied economics | Nathalie Van Droogenbroeck | FR [q2] [30h] [3 Credits]  | X | X |
| ⌘ LLOCI2006 | Parametric design | André Stephan | EN [q2] [30h] [3 Credits] Δ  > French-friendly | X | X |
| ⌘ LBARC2195 | Tutoring | | FR [q2] [] [3 Credits]  | X | X |
| ⌘ LLOCI2004 | International Workshop | | EN [] [] [3 Credits]  > French-friendly | X | X |

PROFESSIONAL FOCUS

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
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- Activity with requisites
- 🌐 Open to incoming exchange 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:

| | | | | |
|-------------|---|---|-------------------------------|---|
| ○ LBARC2201 | Architectural design studio 5 : mastery ■ | Christine Fontaine Christophe Gillis Benoit Thielemans David Vandenbroucke | FR [q1] [120h] [10 Credits] 🌐 | X |
|-------------|---|---|-------------------------------|---|

o Research studio in architecture: thematic synthesis and articulation

The student chooses a research workshop among the four proposed themes:

| | | | | |
|-------------|---|---|---|---|
| ⊗ LBARC2236 | Ateliers de recherche: synthèse et articulation thématiques- Eco-architectures ■ | Sandrine Meyer Benoit Thielemans Geoffrey Van Moeseke | FR [q2] [90h] [8 Credits] 🌐 | X |
| ⊗ LBARC2237 | Atelier de recherche: synthèse et articulation thématiques- Héritages ■ | Christophe Gillis Cécile Mairy David Vandenbroucke | FR [q2] [90h] [8 Credits] 🌐 | X |
| ⊗ LBARC2238 | Atelier de recherche: synthèse et articulation thématiques- Territorialités ■ | Chiara Cavalieri | FR [q2] [90h] [8 Credits] 🌐 | X |
| ⊗ LBARC2239 | Research studio in architecture: thematic synthesis and articulation - Typologies ■ | Cécile Chanvillard Christine Fontaine Gérald Ledent | FR [q2] [90h] [8 Credits] 🌐 > English-friendly | X |

o Methodology and research

| | | | | |
|-------------|---|---|---|---|
| ○ LBARC2130 | Introduction to research | Quentin Letesson | FR [q1] [30h] [3 Credits] 🌐 > English-friendly | X |
| ○ LBARC2131 | Research seminar : thematic methodes & tools in search of opportunities & possibles | Chiara Cavalieri Cécile Chanvillard Christine Fontaine Beatrice Lampariello Giulia Marino Sandrine Meyer Benoit Thielemans Geoffrey Van Moeseke David Vandenbroucke | FR [q2] [30h] [3 Credits] 🌐 > English-friendly | X |

o Research seminar : thematic development

The student chooses a research workshop among the four proposed themes:

| | | | | |
|-------------|--|---|---|---|
| ⊗ LBARC2232 | Research seminar : thematic development on Eco-architectures | Benoit Thielemans Geoffrey Van Moeseke | FR [q1] [15h] [3 Credits] 🌐 | X |
| ⊗ LBARC2233 | Research seminar : thematic development on heritages | Christophe Gillis David Vandenbroucke | FR [q1] [15h] [3 Credits] 🌐 | X |
| ⊗ LBARC2234 | Research seminar : thematic development on territories | | FR [q1] [15h] [3 Credits] 🌐 | X |
| ⊗ LBARC2235 | Research seminar : thematic development on Typologies | Cécile Chanvillard Christine Fontaine | FR [q1] [15h] [3 Credits] 🌐 > English-friendly | X |
| ○ LBARC2283 | Masters internship | | FR [q2] [] [3 Credits] 🌐 | X |

OPTIONS

- > [Option: architecture and digital](#) [en-prog-2024-arcb2m-larcx100o]
- > [Option: architecture and arts](#) [en-prog-2024-arcb2m-larcx200o]
- > [Option: architecture and theories](#) [en-prog-2024-arcb2m-larcx300o]
- > [Option: architecture and societies](#) [en-prog-2024-arcb2m-larcx400o]
- > [Option: architecture and heritage](#) [en-prog-2024-arcb2m-larcx500o]
- > [Option: architecture and ecology](#) [en-prog-2024-arcb2m-larcx600o]
- > [Option: architecture and technologies](#) [en-prog-2024-arcb2m-larcx700o]
- > [Option : architecture and territories](#) [en-prog-2024-arcb2m-larcx900o]
- > [Elective units : architecture in question](#) [en-prog-2024-arcb2m-larcx905o]

OPTION: ARCHITECTURE AND DIGITAL [16.0]

- 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, ...)

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

Year
1 2

○ **Option : architecture et numérique**

| | | | | 1 | 2 |
|-------------|--|---------------|---------------------------------|---|---|
| ● LBARC2080 | Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs | Damien Claeys | [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
- ⊙ 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, ...)

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

Year
1 2

○ **Content:**

| | | | | | |
|-------------|--|-----------------------------------|---|---|---|
| ● LTARC2020 | Architecture in question : architecture and arts - Module A : architecture and contemporary arts "XRPMTL or experimental architectures | 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]

- 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, ...)

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] ⊕ 🌐 > 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
- ⊙ 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, ...)

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) | Chloé Salembier | FR [q1] [90h] [8 Credits] ⊕ 🌐 | X | X |
| ● LBARC2045 | Architecture in question : societies, cities and territories (Part B) | Chloé Salembier (coord.) | FR [q1] [90h] [8 Credits] ⊙ 🌐 | X | X |

OPTION: ARCHITECTURE AND HERITAGE [16.0]

- 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, ...)

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 Giulia Marino Jean-François Rondeaux David Vandembroucke | FR [q1] [90h] [8 Credits] ⊕ 🌐 | X | X |
| ○ LTARC2050 | Architecture in question : heritage and memory (Part B) | Caroline Bolle David Vandembroucke | FR [q1] [90h] [8 Credits] 🌐 | X | X |

OPTION: ARCHITECTURE AND ECOLOGY [16.0]

- 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, ...)

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 | Christophe Gillis Benoit Thielemans Geoffrey Van Moeseke | FR [q1] [90h] [8 Credits] ⊕ 🌐 | X | X |
| ○ LBARC2061 | Question d'architecture : architecture et écologie. Module B: matérialité et prototype | Christophe Gillis Benoit Thielemans | FR [q1] [90h] [8 Credits] 🌐 | X | X |

OPTION: ARCHITECTURE AND TECHNOLOGIES [16.0]

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

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) | | FR [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly | X | X |
| ○ LTARC2066 | Architecture in question : architecture and technologies (part B) | | FR [q1] [90h] [8 Credits] 🌐 > English-friendly | X | X |

OPTION : ARCHITECTURE AND TERRITORIES [16.0]

- 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, ...)

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

Year

1 2

o Content:

| | | | | | |
|-------------|---|-----------------|---|---|---|
| ● LBARC2046 | Architecture in question: architecture and territories - Part A: questioning the linear dynamics and networks of a territory | Francois Vermer | (FR) [q1] [90h] [8 Credits] ⊙ 🌐 > English-friendly | X | X |
| ● LTARC2046 | Architecture in question: architecture and territories - Part B: questioning the polarities and places of centrality within a territory | | (FR) [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly | X | X |

ELECTIVE UNITS : ARCHITECTURE IN QUESTION [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, ...)















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

Year

1 2

o Content:

| | | | | | |
|-------------|--|---|---|---|---|
| ⊗ LTARC2020 | Architecture in question : architecture and arts - Module A : architecture and contemporary arts "XPRMTL or experimental architectures | 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 |
| ⊗ 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 |
| ⊗ LTARC2045 | Architecture in question : societies, cities and territories (Part A) | Chloé Salembier | (FR) [q1] [90h] [8 Credits] ⊕ 🌐 | X | X |
| ⊗ LBARC2045 | Architecture in question : societies, cities and territories (Part B) | Chloé Salembier (coord.) | (FR) [q1] [90h] [8 Credits] ⊙ 🌐 | X | X |
| ⊗ LBARC2050 | Architecture in question : architecture and heritage | Caroline Bolle Giulia Marino Jean-François Rondeaux David Vandenbroucke | (FR) [q1] [90h] [8 Credits] ⊕ 🌐 | X | X |
| ⊗ LTARC2050 | Architecture in question : heritage and memory (Part B) | Caroline Bolle David Vandenbroucke | (FR) [q1] [90h] [8 Credits] ⊙ 🌐 | X | X |
| ⊗ LBARC2060 | Question d'architecture : architecture et écologie. Module A : Design constructif et performances | Christophe Gillis Benoit Thielemans Geoffrey Van Moeseke | (FR) [q1] [90h] [8 Credits] ⊕ 🌐 | X | X |

| | | | | Year | |
|-------------|---|--|---|------|---|
| | | | | 1 | 2 |
| ⌘ LBARC2061 | Question d'architecture : architecture et écologie. Module B: matérialité et prototype | Christophe Gillis Benoit Thielemans | FR [q1] [90h] [8 Credits]   | x | x |
| ⌘ LTARC2065 | Architecture in question : architecture and technologies (part A) | | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |
| ⌘ LTARC2066 | Architecture in question : architecture and technologies (part B) | | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |
| ⌘ LBARC2080 | Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs | Damien Claeys | 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 |
| ⌘ LTARC2046 | Architecture in question: architecture and territories - Part B: questioning the polarities and places of centrality within a territory | | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |
| ⌘ LBARC2046 | Architecture in question: architecture and territories - Part A: questioning the linear dynamics and networks of a territory | Francois Vermer | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |

Alternatives

> [Master \[120\] in Architecture \(Bruxelles\) \[International Master - in English\]](https://uclouvain.be/en-prog-2024-arcb2m-programme) [<https://uclouvain.be/en-prog-2024-arcb2m-programme>]

MASTER [120] IN ARCHITECTURE (BRUXELLES) [INTERNATIONAL MASTER - IN ENGLISH]

- 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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Year

1 2

o Required Units

o Architectural studio (20 credits)

| | | | | |
|-------------|---|----------------------------------|---|--|
| ○ LBARI2101 | Architectural design studio : local & international exploration | EN [q1+q2] [240h] [20 Credits] 🌐 | X | |
|-------------|---|----------------------------------|---|--|

o Master Thesis (16 credits)

| | | | | |
|-------------|------------------------------------|-------------------------|--|---|
| ○ LBARI2200 | Master thesis in & on architecture | EN [] [] [16 Credits] 🌐 | | X |
|-------------|------------------------------------|-------------------------|--|---|

o Expression, representation and communication (3 credits)

| | | | | |
|-------------|--|--|---|--|
| ○ LBARI2120 | Means of expression and representation: reading, survey, narration | EN [q2] [60h] [3 Credits] 🌐 > French-friendly | X | |
|-------------|--|--|---|--|

o Materials, structure and construction (11 credits)

| | | | | |
|-------------|---------------------------------------|--|---|--|
| ○ LBARI2161 | Composing with structures | EN [q2] [30h+15h] [4 Credits] 🌐 > French-friendly | X | |
| ○ LBARI2162 | Workshop in situ | EN [q2] [10h+30h] [3 Credits] 🌐 > French-friendly | X | |
| ○ LBARC2160 | Building mechanical systems and flows | FR [q1] [40h] [4 Credits] 🌐 | X | |

o Context and culture (12 credits)

| | | | | |
|-------------|---|--|---|---|
| ⊗ LBARI2140 | Facing contemporary challenges with a historical understanding of the past architectural production | EN [q1] [20h+15h] [3 Credits] ⊕ 🌐 > French-friendly | X | X |
| ⊗ LBARI2241 | Facing contemporary challenges with a critical perspective | EN [q1] [20h+15h] [3 Credits] ⊙ 🌐 > French-friendly | X | X |
| ○ LBARI2240 | Utopias and realities of dwelling | EN [q1] [30h] [3 Credits] 🌐 > French-friendly | | X |
| ○ LBARC2142 | Architecture, town and territory: theories and methods of urbanism | FR [q1] [30h] [3 Credits] 🌐 > English-friendly | X | |

o Professional practice (6 credits)

| | | | | |
|-------------|---|--------------------------|--|---|
| ○ LBARI2281 | Lessons from practice : Internship in professional practice | EN [q2] [] [3 Credits] 🌐 | | X |
|-------------|---|--------------------------|--|---|

o Elective course- Professional practice (3 credits)

The student chooses one of the two law units:

| | | | | | |
|-------------|---------------------------------------|---------------------------------|---|---|---|
| ⊗ LBARC2280 | Law and professional responsibilities | Joel Van Ypersele De Strihou | FR [q1] [30h] [3 Credits] 🌐 > English-friendly | X | X |
|-------------|---------------------------------------|---------------------------------|---|---|---|

| | | | | Year | |
|-------------|--------------------------------------|---------------------------------|---|------|---|
| | | | | 1 | 2 |
| ⌘ LBARC2186 | Urban planning and environmental law | Joel Van Ypersele De Strihou | FR [q2] [30h] [3 Credits]  > English-friendly | X | X |

o Elective units (6 credits)

| | | | | | |
|-------------|--|----------------------------------|---|---|---|
| ⌘ LBARI2001 | Intensive program | | EN [q2] [40h] [3 Credits]  > French-friendly | X | X |
| ⌘ LBARI2002 | International Workshop : South America | | EN [q2] [40h] [3 Credits]  > French-friendly | X | X |
| ⌘ LBARI2003 | International Workshop : China | | EN [q2] [40h] [3 Credits]  > French-friendly | X | X |
| ⌘ LBARI2004 | International Workshop : Africa | | EN [q2] [40h] [3 Credits]  > French-friendly | X | X |
| ⌘ LBARI2005 | International Workshop : Europe | | EN [q2] [40h] [3 Credits]  > French-friendly | X | X |
| ⌘ LBARC2144 | The 20th century built heritage and the preservation project | Giulia Marino | FR [q2] [30h] [3 Credits]  > English-friendly | X | X |
| ⌘ LBARC2146 | Space, light and color | | FR [q2] [30h] [3 Credits]   > English-friendly | X | X |
| ⌘ LTARC2167 | studio 1/1 scale | Mathieu De Paepe Franck Miner | FR [q2] [45h] [3 Credits]  > English-friendly | X | X |
| ⌘ LTARC2169 | Modeling project data | | FR [q2] [30h] [3 Credits]  > English-friendly | X | X |

o special focus

o Professional Focus (30 credits)

o Content:

| | | | | | |
|-------------|--|--|---|--|---|
| ⌘ LBARI2201 | Architectural design studio : from readings to tentative designs | | EN [q1] [120h] [10 Credits]  | | X |
|-------------|--|--|---|--|---|

o Research studio in architecture: thematic synthesis and articulation

The student chooses a research workshop among the two proposed themes:

| | | | | | |
|-------------|---|---|---|--|---|
| ⌘ LBARI2238 | Research studio in architecture: thematic synthesis and articulation - Territorialities | | EN [q2] [90h] [8 Credits]  > French-friendly | | X |
| ⌘ LBARC2239 | Research studio in architecture: thematic synthesis and articulation - Typologies | Cécile Chanvillard Christine Fontaine Gérald Ledent | FR [q2] [90h] [8 Credits]  > English-friendly | | X |

o Methodology and research

| | | | | | |
|-------------|---|------------------|---|---|--|
| ⌘ LBARC2130 | Introduction to research | Quentin Letesson | FR [q1] [30h] [3 Credits]  > English-friendly | X | |
| ⌘ LBARI2131 | Research seminar : thematic methodes & tools in search of opportunities & possibles | | EN [q2] [30h] [3 Credits]  > French-friendly | X | |

o Research seminar : thematic development

The student chooses a research seminar among the two proposed themes:

| | | | | | |
|-------------|--|--|---|--|---|
| ⌘ LBARI2234 | Research seminar : thematic development on Territories | | EN [q1] [15h] [3 Credits]  > French-friendly | | X |
| ⌘ LBARC2235 | Research seminar : thematic development on Typologies | Cécile Chanvillard Christine Fontaine | FR [q1] [15h] [3 Credits]  > English-friendly | | X |
| ⌘ LBARI2283 | Masters internship | | FR [q2] [] [3 Credits]  | | X |

o Elective Units

The student chooses an option if he/she wishes to participate in the question on architecture A and B on the same topic. Please note that certain architectural questions are provided on the sites of Brussels or Tournai alternately.

⌘ Option: architecture and digital (16 credits)





o Option : architecture et numérique

| | | | | | |
|-------------|--|---------------|---|---|---|
| ⌘ LBARC2080 | Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs | Damien Claeys | FR [q1] [90h] [8 Credits]   | X | X |
|-------------|--|---------------|---|---|---|

| | | | | Year | |
|-------------|---|---------------|---|------|---|
| | | | | 1 | 2 |
| ○ 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 credits)

○ Content:

| | | | | | |
|-------------|--|-----------------------------------|---|---|---|
| ○ LTARC2020 | Architecture in question : architecture and arts - Module A : architecture and contemporary arts "XPRMTL or experimental architectures | 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 credits)

○ 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 credits)

○ Content:

| | | | | | |
|-------------|---|--------------------------|---|---|---|
| ○ LTARC2045 | Architecture in question : societies, cities and territories (Part A) | Chloé Salembier | FR [q1] [90h] [8 Credits]   | x | x |
| ○ LBARC2045 | Architecture in question : societies, cities and territories (Part B) | Chloé Salembier (coord.) | FR [q1] [90h] [8 Credits]   | x | x |





⌘ Option: architecture and heritage (16 credits)

○ Content:

| | | | | | |
|-------------|---|---|---|---|---|
| ○ LBARC2050 | Architecture in question : architecture and heritage | Caroline Bolle Giulia Marino Jean-François Rondeaux David Vandenbroucke | FR [q1] [90h] [8 Credits]   | x | x |
| ○ LTARC2050 | Architecture in question : heritage and memory (Part B) | Caroline Bolle David Vandenbroucke | FR [q1] [90h] [8 Credits]   | x | x |


⌘ Option: architecture and ecology (16 credits)

○ Content:

| | | | | | |
|-------------|---|--|---|---|---|
| ○ LBARC2060 | Question d'architecture : architecture et écologie. Module A : Design constructif et performances | Christophe Gillis Benoit Thielemans Geoffrey Van Moeseke | FR [q1] [90h] [8 Credits]   | x | x |
| ○ LBARC2061 | Question d'architecture : architecture et écologie. Module B: matérialité et prototype | Christophe Gillis Benoit Thielemans | FR [q1] [90h] [8 Credits]   | x | x |



⌘ Option: architecture and technologies (16 credits)

○ Content:

| | | | | | |
|-------------|---|--|---|---|---|
| ○ LTARC2065 | Architecture in question : architecture and technologies (part A) | | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |
| ○ LTARC2066 | Architecture in question : architecture and technologies (part B) | | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |

⌘ Option : architecture and territories (16 credits)

○ Content:

| | | | | | |
|-------------|--|-----------------|---|---|---|
| ○ LBARC2046 | Architecture in question: architecture and territories - Part A: questioning the linear dynamics and networks of a territory | Francois Vermer | FR [q1] [90h] [8 Credits]   > English-friendly | x | x |
|-------------|--|-----------------|---|---|---|

| | | | Year | |
|-------------|---|--|---|-----|
| | | | 1 | 2 |
| ○ LTARC2046 | Architecture in question: architecture and territories - Part B: questioning the polarities and places of centrality within a territory | | FR [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly | X X |

⊗ Elective units : architecture in question (16 credits)

○ Content:

| | | | | |
|-------------|---|---|---|-----|
| ⊗ LTARC2065 | Architecture in question : architecture and technologies (part A) | | FR [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly | X X |
| ⊗ LTARC2066 | Architecture in question : architecture and technologies (part B) | | FR [q1] [90h] [8 Credits] ⊗ 🌐 > English-friendly | X X |
| ⊗ LTARC2046 | Architecture in question: architecture and territories - Part B: questioning the polarities and places of centrality within a territory | | FR [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly | X X |
| ⊗ LBARC2046 | Architecture in question: architecture and territories - Part A: questioning the linear dynamics and networks of a territory | Francois Vermer | 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 |
| ⊗ LBARC2040 | Architecture in question : architecture and Theories (Part A) | Cécile Chanvillard Christine Fontaine | FR [q1] [90h] [8 Credits] ⊕ 🌐 > English-friendly | X X |
| ⊗ LTARC2020 | Architecture in question : architecture and arts - Module A : architecture and contemporary arts *XPRMTL or experimental architectures | 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 |

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:

- require the student to combine registration in two separate CUs which it considers necessary from a pedagogical point of view.
- transform a prerequisite into a corequisite if the student is in the final year of a degree course.

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

Prerequisites list

- LBARC2201** "Projet d'architecture 5 : maîtrise" has prerequisite(s) LBARC2101
- LBARC2101 - [Architectural design studio 4: further exploration](#)
- LBARC2236** "Ateliers de recherche: synthèse et articulation thématiques-Eco-architectures" has prerequisite(s) LBARC2101
- LBARC2101 - [Architectural design studio 4: further exploration](#)
- LBARC2237** "Atelier de recherche: synthèse et articulation thématiques-Héritages" has prerequisite(s) LBARC2101
- LBARC2101 - [Architectural design studio 4: further exploration](#)
- LBARC2238** "Atelier de recherche: synthèse et articulation thématiques-Territorialités" has prerequisite(s) LBARC2101
- LBARC2101 - [Architectural design studio 4: further exploration](#)
- LBARC2239** "Atelier de recherche: synthèse et articulation thématiques-Typologies" has prerequisite(s) LBARC2101
- LBARC2101 - [Architectural design studio 4: further exploration](#)

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.

ARCB2M - 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](#)
- > [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 | | | |
| | | Direct access | |
| | | Direct access | |
| | | Access based on application | |
| Others Bachelors of the French speaking Community of Belgium | | | |
| | | 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 | Le cas échéant, la Commission d'admission propose à l'étudiant un programme adapté à sa situation |
| | | Access based on application | |
| Foreign Bachelors | | | |
| | | Access based on application | |
| Tous les bacheliers | | 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" | | | |
| Tous | | Access based on application | <p>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.</p> <p>La Commission d'admission se prononce sur l'admission du candidat étudiant.</p> |
| Masters | | | |
| | | Access based on application | |

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

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".

