



The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.

**At Louvain-la-Neuve - 180 credits - 3 years - Day schedule - In French**

Dissertation/Graduation Project : **NO** - Internship : **NO**

Activities in English: **NO** - Activities in other languages : **NO**

Activities on other sites : **NO**

Main study domain : **Sciences de l'ingénieur et technologie**

Organized by: **Faculty of Architecture, Architectural Engineering and Urban Planning (LOCI)**

Programme acronym: **ARCH1BA** - Francophone Certification Framework: 6

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## ARCH1BA - Introduction

### Introduction

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## ARCH1BA - Teaching profile

### Learning outcomes

Dans le contexte d'un monde en transition écologique et sociale, l'étudiant-e bachelier ingénieur civil, orientation ingénieur civil architecte, se prépare, par l'acquisition et le développement de connaissances et de compétences, à l'étude et à l'établissement des dispositifs architecturaux investis par les humains et le vivant dans son ensemble.

Le programme permet à l'étudiant-e de se constituer un socle de connaissances et de compétences en sciences fondamentales, polytechniques et humaines, et de se former à l'architecture à travers une exposition continue au projet d'architecture et aux disciplines qui en développent l'analyse critique. La conduite de projet, seule ou en équipe, et ses exigences de communication favorisent l'acquisition de compétences transversales.

Le programme d'études entend former les bacheliers ingénieurs civils architectes dans la triple articulation de l'ingénierie, de l'architecture et de la responsabilité du bien commun. Les trois termes de cette articulation s'exercent spécifiquement et s'enrichissent mutuellement.

Au terme de son bachelier, l'étudiant-e pourra aborder son master ingénieur civil architecte où il ou elle développera sa formation en architecture en y associant des connaissances plus appliquées et des compétences plus approfondies.

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

## ARCH1BA Programme

### Detailed programme by subject

- Mandatory
- ✘ Optional
- △ Not offered in 2025-2026
- ⊖ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 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 3

### o Program of the Bachelor of Engineering Sciences: Civil Engineer Architect (180 credits)

#### o Teaching units attached to basic scientific training. (40 credits)

● LEPL1301	Chemistry and Physical chemistry 1	Francesco Contino Sophie Demoustier Bernard Nysten	(FR) [q2] [30h+30h] [5 Credits] 🌐	x		
● LEPL1101	Algebra	François Glineur Raphaël Jungers (coord.) Estelle Massart Jean-François Remacle Michel Verleysen	(FR) [q1] [30h+30h] [5 Credits] 🌐	x		
● LEPL1102	Analysis	François Glineur (coord.) Raphaël Jungers Jean-François Remacle Michel Verleysen	(FR) [q1] [30h+30h] [5 Credits] 🌐	x		

				Year		
				1	2	3
○ LEPL1105	Analysis II	François Glineur Laurent Jacques	FR [q2] [30h+30h] [5 Credits] 🌐	x		
○ LEPL1201	Physics I	Dimitri Lederer	FR [q1] [30h+30h] [5 Credits] 🌐	x		
○ LEPL1202	Physics II	Paul Fisette Claude Oestges	FR [q2] [30h+30h] [5 Credits] 🌐	x		
○ LEPL1401	Informatics 1	Kim Mens Siegfried Nijssen Charles Pecheur	FR [q1] [30h+30h] [5 Credits] 🌐		x	
○ LEPL1104	Numerical methods	Vincent Legat	FR [q2] [30h+30h] [5 Credits] 🌐		x	

### ○ Teaching units related to technical conditions (53 credits)

○ LICAR1701	Architectural Structures I: Fundamentals and Static Graphics		FR [q1] [30h] [3 Credits] 🌐	x		
○ LICAR1702	Architectural structures 2: Design Issues and Approaches		FR [q1] [20h+30h] [5 Credits] 🌐			x
○ LGCIV1031	Structural Materials and Geomaterials	Hadrien Rattez	FR [q2] [30h+30h] [5 Credits] 🌐		x	
○ LGCIV1072	Soil mechanics	Hadrien Rattez	FR [q1] [30h+30h] [5 Credits] 🌐			x
○ LGCIV1022	Mechanics of structures	Pierre Latteur	FR [q2] [30h+30h] [5 Credits] 🌐		x	
○ LGCIV1023	Structural Analysis	João Saraiva Esteves Pacheco De Alm	FR [q1] [30h+30h] [5 Credits] 🌐			x
○ LICAR1911	Construction Materials [C]		FR [q2] [30h] [3 Credits] 🌐	x		
○ LICAR1912	Building Assemblies [C]		FR [q1] [30h+20h] [5 Credits] 🌐		x	
○ LICAR1831	Environmental Physics [C]		FR [q1] [50h] [5 Credits] 🌐		x	
○ LICAR1913	Construction [C]		FR [q2] [30h+20h] [5 Credits] Δ 🌐			x
○ LGCIV2043	Timber Structures	Pierre Latteur	FR [q2] [20h+15h] [4 Credits] 🌐			x
○ LBIR1230A	Introduction à l'ingénierie de la biosphère		FR [q2] [30h] [3 Credits] 🌐			x

### ○ Teaching units related to cultural conditions (23 credits)

○ LICAR1211	Introduction: What it is to dwell? [C]		FR [q1] [30h] [3 Credits] 🌐	x		
○ LICAR1212	Introduction: Where and when do we dwell? [C]		FR [q2] [30h] [3 Credits] 🌐	x		
○ LICAR1213	Histories of Architecture [C]		FR [q1] [45h] [5 Credits] 🌐		x	
○ LICAR1214	Theories of Architecture [C]		FR [q2] [45h] [5 Credits] 🌐		x	
○ LICAR1311	Analysis and composition : From Objects to Buildings [C]		FR [q1] [45h] [5 Credits] Δ 🌐			x

### ○ Sociétés, cultures et religion (2 credits)

L'étudiant-e choisit un cours de Sociétés, cultures et religion de 2 crédits parmi les trois proposés.

☒ LTECO2100	Sociétés, cultures, religions : Biblical readings	Hans Ausloos	FR [q1] [15h] [2 Credits] 🌐		x	
☒ LTECO2200	Societies-cultures-religions : Human Questions		FR [q1] [15h] [2 Credits] 🌐		x	
☒ LTECO2300	Societies, cultures, religions : Ethical questions		FR [q1] [15h] [2 Credits] 🌐		x	

### ○ Architectural projects and drawing courses (50 credits)

○ LICAR1511	Drawing 1 : Geometry [C]		FR [q1] [30h] [2 Credits] 🌐	x		
○ LICAR1512	Drawing 2 : Observation [C]		FR [q2] [30h] [2 Credits] 🌐	x		
○ LICAR1513	Drawing 3 : Mixed Media [C]		FR [q1] [30h] [2 Credits] 🌐		x	
○ LICAR1514	Drawing 4 : Digital Media [C]		FR [q2] [30h] [2 Credits] 🌐		x	
○ LICAR1611	Design Studio Site or Spatiality : Introduction [C]		FR [q1] [90h] [6 Credits] 🌐	x		
○ LICAR1612	Design Studio Site or Spatiality : Intersection [C]		FR [q2] [90h] [6 Credits] 🌐	x		
○ LICAR1613	Design Studio Construction or Program : Introduction [C]		FR [q1] [90h] [6 Credits] 🌐		x	
○ LICAR1614	Design Studio Construction and Program : Intersection [C]		FR [q2] [90h] [6 Credits] 🌐		x	
○ LICAR1615	Design Studio : Synthesis [C]		FR [q1] [120h] [8 Credits] Δ 🌐			x

### ○ Projet au choix (10 credits)

L'étudiant-e qui choisit LICAR1616 devra choisir LICAR1011 et le choix de LICAR1617 impliquera celui de LICAR1012.

☒ LICAR1616	Design Studio Contemporary Challenges : Designing the City and Territory with Water and Ecosystems [C]		FR [q2] [120h] [10 Credits] Δ 🌐			x
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				Year		
				1	2	3
✂ LICAR1617	Atelier Enjeux Contemporains : Concevoir avec l'existant [C]		EN [q2] [120h] [10 Credits] Δ			X

### o Méthodologie et recherche (8 credits)

o LICAR1015	Méthodes de recherche [C]		EN [q1] [20h] [2 Credits] Δ			X
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### o Théorie et outil au choix (6 credits)

L'étudiant.e choisit LICAR1011 s'il a choisi LICAR1616 et LICAR1012 s'il a choisi LICAR1617.

✂ LICAR1011	Théorie et Outil : Habiter avec l'eau [C]		EN [q2] [45h] [6 Credits] Δ			X
✂ LICAR1012	Théorie et Outil : Appréhender, valoriser, pérenniser le bâti existant [C]		EN [q2] [45h] [6 Credits] Δ			X

### o Language training (6 credits)

A test is organised at the beginning of the annual unit 1 and two concerning the courses LANGL1971 and LANGL1972. The student who passes the test is exempted from attending the corresponding course. He can either take the exam for this English course or replace it with other language courses. There is no test for the LANGL1973 course as it is compulsory for all. In the 180 credits of the bachelor programme, there are necessarily 6 language credits including LANGL1973.

#### o Cours d'anglais

o LANGL1971	English for civil engineer architects	Nevin Serbest (coord.)	EN [q2] [20h] [2 Credits]	X		
o LANGL1972	English II for civil engineer architects	Nevin Serbest (coord.)	EN [q2] [20h] [2 Credits]		X	
o LANGL1973	English Communication Skills for Architecture and Engineering	Nevin Serbest (coord.)	EN [q2] [20h] [2 Credits]			X

#### ✂ Dutch courses

✂ LNEER1300	General and academic Dutch - intermediate level	Hilde Bufkens (coord.)	NL [q1 or q2] [30h] [2 Credits]	X		
✂ LNEER1500	Interfaculty teaching unit - General and academic Dutch - upper-intermediate level	Valérie Dachy (coord.)	NL [q1 or q2] [30h] [3 Credits]		X	

#### ✂ Spanish Courses

✂ LESPA1101	Spanish beginner's level 1st part (0-A1)	Begona Garcia Migura Alicia Maria Tirado Fernandez (coord.)	ES [q1 or q2] [45h] [2 Credits]	X		
✂ LESPA1102	Spanish (beginner's level) 2nd part (A1 - A2)	Alicia Maria Tirado Fernandez (coord.)	ES [q1 or q2] [45h] [2 Credits]	X		
✂ LESPA1301	Spanish intermediate level, 1st part (A2-B1.1)	Begona Garcia Migura (coord.)	ES [q1 or q2] [45h] [3 Credits]		X	
✂ LESPA1302	Spanish intermediate level, 2nd part (B1.1-B1.2)	Alicia Maria Tirado Fernandez (coord.)	ES [q2] [45h] [3 Credits]		X	
✂ LESPA1500	Spanish Advanced level (B1.2 , B2.1)	Alicia Maria Tirado Fernandez (coord.)	ES [q1] [45h] [2 Credits]			X

#### ✂ German courses

✂ LALLE1300	General German – independent user – threshold	Virginie Godin (coord.)	DE [q1+q2] [90h] [3 Credits]		X	
✂ LALLE1500	General German – independent user – vantage	Virginie Godin (coord.)	DE [q1+q2] [90h] [2 Credits]			X
✂ LALLE1101	German beginner's level 1st part (0-A1)	Fanny Desterbecq (compensates Ann Rinder)	DE [q1 or q2] [45h] [2 Credits]	X		
✂ LALLE1102	German beginner's level 2nd part (A1 - A2)	Caroline Klein (coord.)	DE [q2] [45h] [2 Credits]	X		

#### ✂ Other language courses

## 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

- LALLE1102** "Allemand niveau élémentaire 2e partie (A1 - A2)" has prerequisite(s) LALLE1101
- LALLE1101 - German beginner's level 1st part (0-A1)
- LALLE1300** "Allemand General – utilisateur indépendant – niveau seuil" has prerequisite(s) LALLE1102
- LALLE1102 - German beginner's level 2nd part (A1 - A2)
- LALLE1500** "Allemand General – utilisateur indépendant – niveau avancé" has prerequisite(s) LALLE1300
- LALLE1300 - General German – independent user – threshold
- LANGL1972** "Anglais II pour ingénieurs civils architectes" has prerequisite(s) LANGL1971
- LANGL1971 - English for civil engineer architects
- LESPA1301** "Espagnol niveau moyen 1e partie (A2 - B1.1)" has prerequisite(s) LESPA1101 ET LESPA1102
- LESPA1101 - Spanish beginner's level 1st part (0-A1)
  - LESPA1102 - Spanish (beginner's level) 2nd part (A1 - A2)
- LESPA1302** "Espagnol niveau moyen 2e partie (B1.1 - B1.2)" has prerequisite(s) LESPA1101 ET LESPA1102
- LESPA1101 - Spanish beginner's level 1st part (0-A1)
  - LESPA1102 - Spanish (beginner's level) 2nd part (A1 - A2)
- LNEER1500** "Interfac - Néerlandais général et académique - Niveau approfondi" has prerequisite(s) LNEER1300
- LNEER1300 - General and academic Dutch - intermediate level

## 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.

## Detailed programme per annual block

### ARCH1BA - 1ST ANNUAL UNIT

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 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...)

## o Program of the Bachelor of Engineering Sciences: Civil Engineer Architect

### o Teaching units attached to basic scientific training.

○ LEPL1301	Chemistry and Physical chemistry 1	Francesco Contino Sophie Demoustier Bernard Nysten	FR [q2] [30h] +30h] [5 Credits]
○ LEPL1101	Algebra	François Glineur Raphaël Jungers (coord.) Estelle Massart Jean-François Remacle Michel Verleysen	FR [q1] [30h] +30h] [5 Credits]
○ LEPL1102	Analysis	François Glineur (coord.) Raphaël Jungers Jean-François Remacle Michel Verleysen	FR [q1] [30h] +30h] [5 Credits]
○ LEPL1105	Analysis II	François Glineur Laurent Jacques	FR [q2] [30h] +30h] [5 Credits]
○ LEPL1201	Physics I	Dimitri Lederer	FR [q1] [30h] +30h] [5 Credits]
○ LEPL1202	Physics II	Paul Fisette Claude Oestges	FR [q2] [30h] +30h] [5 Credits]

### o Teaching units related to technical conditions

○ LICAR1701	Architectural Structures I: Fundamentals and Static Graphics		FR [q1] [30h] [3 Credits]
○ LICAR1911	Construction Materials [C]		FR [q2] [30h] [3 Credits]

### o Teaching units related to cultural conditions

○ LICAR1211	Introduction: What it is to dwell? [C]		FR [q1] [30h] [3 Credits]
○ LICAR1212	Introduction: Where and when do we dwell? [C]		FR [q2] [30h] [3 Credits]

### o Architectural projects and drawing courses

○ LICAR1511	Drawing 1 : Geometry [C]		FR [q1] [30h] [2 Credits]
○ LICAR1512	Drawing 2 : Observation [C]		FR [q2] [30h] [2 Credits]
○ LICAR1611	Design Studio Site or Spatiality : Introduction [C]		FR [q1] [90h] [6 Credits]
○ LICAR1612	Design Studio Site or Spatiality : Intersection [C]		FR [q2] [90h] [6 Credits]

### o Language training

A test is organised at the beginning of the annual unit 1 and two concerning the courses LANGL1971 and LANGL1972. The student who passes the test is exempted from attending the corresponding course. He can either take the exam for this English course or replace it with other language courses. There is no test for the LANGL1973 course as it is compulsory for all. In the 180 credits of the bachelor programme, there are necessarily 6 language credits including LANGL1973.

#### o Cours d'anglais

○ LANGL1971	English for civil engineer architects	Nevin Serbest (coord.)	EN [q2] [20h] [2 Credits] 🌐
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#### ⌘ Dutch courses

⌘ LNEER1300	General and academic Dutch - intermediate level	Hilde Bufkens (coord.)	NL [q1 or q2] [30h] [2 Credits] 🌐
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#### ⌘ Spanish Courses

⌘ LESPA1101	Spanish beginner's level 1st part (0-A1)	Begona Garcia Migura Alicia Maria Tirado Fernandez (coord.)	ES [q1 or q2] [45h] [2 Credits] 🌐
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⌘ LESPA1102	Spanish (beginner's level) 2nd part (A1 - A2)	Alicia Maria Tirado Fernandez (coord.)	ES [q1 or q2] [45h] [2 Credits] 🌐
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#### ⌘ German courses

⌘ LALLE1101	German beginner's level 1st part (0-A1)	Fanny Desterbecq (compensates Ann Rinder)	DE [q1 or q2] [45h] [2 Credits] 🌐
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⌘ LALLE1102	German beginner's level 2nd part (A1 - A2) 🟡	Caroline Klein (coord.)	DE [q2] [45h] [2 Credits] 🌐
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**ARCH1BA - 2ND ANNUAL UNIT**

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊖ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 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...)

**o Program of the Bachelor of Engineering Sciences: Civil Engineer Architect****o Teaching units attached to basic scientific training.**

○ LEPL1401	<a href="#">Informatics 1</a>	Kim Mens Siegfried Nijssen Charles Pecheur	(FR) [q1] [30h] +30h] [5 Credits] 🌐
○ LEPL1104	<a href="#">Numerical methods</a>	Vincent Legat	(FR) [q2] [30h] +30h] [5 Credits] 🌐

**o Teaching units related to technical conditions**

○ LGCIV1031	<a href="#">Structural Materials and Geomaterials</a>	Hadrien Rattez	(FR) [q2] [30h] +30h] [5 Credits] 🌐
○ LGCIV1022	<a href="#">Mechanics of structures</a>	Pierre Latteur	(FR) [q2] [30h] +30h] [5 Credits] 🌐
○ LICAR1912	<a href="#">Building Assemblies</a> [C]		(FR) [q1] [30h] +20h] [5 Credits] 🌐
○ LICAR1831	<a href="#">Environmental Physics</a> [C]		(FR) [q1] [50h] [5 Credits] 🌐

**o Teaching units related to cultural conditions**

○ LICAR1213	<a href="#">Histories of Architecture</a> [C]		(FR) [q1] [45h] [5 Credits] 🌐
○ LICAR1214	<a href="#">Theories of Architecture</a> [C]		(FR) [q2] [45h] [5 Credits] 🌐

**o Sociétés, cultures et religion**

L'étudiant-e choisit un cours de Sociétés, cultures et religion de 2 crédits parmi les trois proposés.

⊗ LTECO2100	<a href="#">Sociétés, cultures, religions : Biblical readings</a>	Hans Ausloos	(FR) [q1] [15h] [2 Credits] 🌐
⊗ LTECO2200	<a href="#">Societies-cultures-religions : Human Questions</a>		(FR) [q1] [15h] [2 Credits] 🌐
⊗ LTECO2300	<a href="#">Societies, cultures, religions : Ethical questions</a>		(FR) [q1] [15h] [2 Credits] 🌐

**o Architectural projects and drawing courses**

○ LICAR1513	<a href="#">Drawing 3 : Mixed Media</a> [C]		(FR) [q1] [30h] [2 Credits] 🌐
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○ LICAR1514	Drawing 4 : Digital Media [C]		ES [q2] [30h] [2 Credits]
○ LICAR1613	Design Studio Construction or Program : Introduction [C]		ES [q1] [90h] [6 Credits]
○ LICAR1614	Design Studio Construction and Program : Intersection [C]		ES [q2] [90h] [6 Credits]

### o Language training

A test is organised at the beginning of the annual unit 1 and two concerning the courses LANGL1971 and LANGL1972. The student who passes the test is exempted from attending the corresponding course. He can either take the exam for this English course or replace it with other language courses. There is no test for the LANGL1973 course as it is compulsory for all. In the 180 credits of the bachelor programme, there are necessarily 6 language credits including LANGL1973.

### o Cours d'anglais

○ LANGL1972	English II for civil engineer architects	Nevin Serbest (coord.)	ES [q2] [20h] [2 Credits]
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### ⌘ Dutch courses

⌘ LNEER1500	Interfaculty teaching unit - General and academic Dutch - upper-intermediate level	Valérie Dachy (coord.)	NL [q1 or q2] [30h] [3 Credits]
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### ⌘ Spanish Courses

⌘ LESP1301	Spanish intermediate level, 1st part (A2-B1.1)	Begona Garcia Migura (coord.)	ES [q1 or q2] [45h] [3 Credits]
⌘ LESP1302	Spanish intermediate level, 2nd part (B1.1-B1.2)	Alicia Maria Tirado Fernandez (coord.)	ES [q2] [45h] [3 Credits]

### ⌘ German courses

⌘ LALLE1300	General German – independent user – threshold	Virginie Godin (coord.)	DE [q1+q2] [90h] [3 Credits]
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**ARCH1BA - 3RD ANNUAL UNIT**

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 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...)

**o Program of the Bachelor of Engineering Sciences: Civil Engineer Architect****o Teaching units related to technical conditions**

● LICAR1702	Architectural structures 2: Design Issues and Approaches		FB [q1] [20h +30h] [5 Credits] 🌐
● LGCIV1072	Soil mechanics	Hadrien Rattez	FB [q1] [30h +30h] [5 Credits] 🌐
● LGCIV1023	Structural Analysis	João Saraiva Esteves Pacheco De Alm	FB [q1] [30h +30h] [5 Credits] 🌐
● LICAR1913	Construction [C]		FB [q2] [30h+20h] [5 Credits] △ 🌐
● LGCIV2043	Timber Structures	Pierre Latteur	FB [q2] [20h +15h] [4 Credits] 🌐
● LBIR1230A	Introduction à l'ingénierie de la biosphère		FB [q2] [30h] [3 Credits] 🌐

**o Teaching units related to cultural conditions**

● LICAR1311	Analysis and composition : From Objects to Buildings [C]		FB [q1] [45h] [5 Credits] △ 🌐
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**o Architectural projects and drawing courses**

● LICAR1615	Design Studio : Synthesis [C]		FB [q1] [120h] [8 Credits] △ 🌐
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**o Projet au choix**

L'étudiant.e qui choisit LICAR1616 devra choisir LICAR1011 et le choix de LICAR1617 impliquera celui de LICAR1012.

⊗ LICAR1616	Design Studio Contemporary Challenges : Designing the City and Territory with Water and Ecosystems [C]		FB [q2] [120h] [10 Credits] △ 🌐
⊗ LICAR1617	Atelier Enjeux Contemporains : Concevoir avec l'existant [C]		FB [q2] [120h] [10 Credits] △ 🌐

## o Méthodologie et recherche

o LICAR1015	Méthodes de recherche [C]		ES [q1] [20h] [2 Credits] △
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## o Théorie et outil au choix

L'étudiant.e choisit LICAR1011 s'il a choisi LICAR1616 et LICAR1012 s'il a choisi LICAR1617.

⊗ LICAR1011	Théorie et Outil : Habiter avec l'eau [C]		ES [q2] [45h] [6 Credits] △
⊗ LICAR1012	Théorie et Outil : Appréhender, valoriser, pérenniser le bâti existant [C]		ES [q2] [45h] [6 Credits] △

## o Language training

A test is organised at the beginning of the annual unit 1 and two concerning the courses LANGL1971 and LANGL1972. The student who passes the test is exempted from attending the corresponding course. He can either take the exam for this English course or replace it with other language courses. There is no test for the LANGL1973 course as it is compulsory for all. In the 180 credits of the bachelor programme, there are necessarily 6 language credits including LANGL1973.

## o Cours d'anglais

o LANGL1973	English Communication Skills for Architecture and Engineering	Nevin Serbest (coord.)	ES [q2] [20h] [2 Credits]
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## ⊗ Spanish Courses

⊗ LESP1500	Spanish Advanced level (B1.2 , B2.1)	Alicia Maria Tirado Fernandez (coord.)	ES [q1] [45h] [2 Credits]
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## ⊗ German courses

⊗ LALLE1500	General German – independent user – vantage 🇩🇪	Virginie Godin (coord.)	ES [q1+q2] [90h] [2 Credits]
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## ARCH1BA - Information

### Access Requirements

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.

The admission requirements must be met prior to enrolment in the University.

**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](#)
- [Access based on validation of professional experience](#)
- [Special requirements to access some programmes](#)

### General access requirements

Except as otherwise provided by other specific legal provisions, admission to undergraduate courses leading to the award of a Bachelor's degree will be granted to students with one of the following qualifications :

1. A Certificate of Upper Secondary Education issued during or after the 1993-1994 academic year by an establishment offering full-time secondary education or an adult education centre in the French Community of Belgium and, as the case may be, approved if it was issued by an educational institution before 1 January 2008 or affixed with the seal of the French Community if it was issued after this date, or an equivalent certificate awarded by the Examination Board of the French Community during or after 1994;
2. A Certificate of Upper Secondary Education issued no later than the end of the 1992-1993 academic year, along with official documentation attesting to the student's ability to pursue higher education for students applying for a full-length undergraduate degree programme;
3. A diploma awarded by a higher education institution within the French Community that confers an academic degree issued under the above-mentioned Decree, or a diploma awarded by a university or institution dispensing full-time higher education in accordance with earlier legislation;
4. A higher education certificate or diploma awarded by an adult education centre;
5. A pass certificate for one of the [entrance examinations](#) organized by higher education institutions or by an examination board of the French Community; this document gives admission to studies in the sectors, fields or programmes indicated therein;
6. A diploma, certificate of studies or other qualification similar to those mentioned above, issued by the Flemish Community of Belgium, the German Community of Belgium or the Royal Military Academy;
7. A diploma, certificate of studies or other qualification obtained abroad and deemed equivalent to the first four mentioned above by virtue of a law, decree, European directive or international convention;

#### Note:

Requests for equivalence must be submitted to the Equivalence department ([Service des équivalences](#)) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium in compliance with the official deadline.

The following two qualifications are automatically deemed equivalent to the Certificate of Upper Secondary Education (Certificat d'enseignement secondaire supérieur – CESS):

- European Baccalaureate issued by the Board of Governors of a European School,
- International Baccalaureate issued by the International Baccalaureate Office in Geneva.

8. Official documentation attesting to a student's ability to pursue higher education (diplôme d'aptitude à accéder à l'enseignement supérieur - DAES), issued by the Examination Board of the French Community.

### Specific access requirements

- Access to bachelor programmes for candidates of nationality outside the European Union who are not assimilated to Belgian nationals is subject to the following criteria:
  - not have obtained a secondary education diploma for more than 3 years maximum. Example: for an admission application for the academic year 2024-2025, you must have obtained your diploma during the academic years 2021-2022, 2022-2023 ou 2023-2024. In the French Community of Belgium, the academic year runs from September 14 to September 13
  - not already hold an undergraduate degree
- Candidates, whatever their nationality, with a secondary school diploma **from a country outside the European Union**, must have obtained an average of 13/20 minimum or, failing that, have obtained this average, have passed one year of study in Belgium (for example special Maths / sciences). A non-successful year will not be taken into consideration.

- For any secondary school diploma **from a European Union country**, the admission request must contain the equivalence of your diploma or, at the very least, proof of the filing of the equivalence request with the Wallonia-Brussels Federation (French Community of Belgium). For any information relating to obtaining an equivalence, please refer to [the following site](#).
- For any secondary school diploma **from a country outside the European Union**, the admission application must contain the [equivalence of your diploma](#) issued by the Wallonia-Brussels Federation (French Community of Belgium). If you have a restrictive equivalence for the programme of your choice, in addition of it, you **must** have either the [DAES](#) or a certificate of successful completion of the [examination giving access to 1<sup>st</sup> cycle studies](#) when you submit your application

## Access based on validation of professional experience

Admission to undergraduate studies on the basis of accreditation of knowledge and skills obtained through professional or personal experience (Accreditation of Prior Experience)

Subject to the general requirements laid down by the authorities of the higher education institution, with the aim of admission to the undergraduate programme, the examination boards accredit the knowledge and skills that students have obtained through their professional or personal experience.

This experience must correspond to at least five years of documented activity, with years spent in higher education being partially taken into account: 60 credits are deemed equivalent to one year of experience, with a maximum of two years being counted. At the end of an assessment procedure organized by the authorities of the higher education institution, the Examination Board will decide whether a student has sufficient skills and knowledge to successfully pursue undergraduate studies.

After this assessment, the Examination Board will determine the additional courses and possible exemptions constituting the supplementary requirements for the student's admission.

## Special requirements to access some programmes

- Admission to **undergraduate studies in engineering: civil engineering and architect**

Pass certificate for the [special entrance examination for undergraduate studies in engineering: civil engineering and architect](#).

Admission to these courses is always subject to students passing the special entrance examination. Contact the faculty office for the programme content and the examination arrangements.

- Admission to **undergraduate studies in veterinary medicine**

[Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in physiotherapy and rehabilitation**

[Admission to undergraduate studies in physiotherapy and rehabilitation is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in psychology and education: speech and language therapy**

[Admission to undergraduate studies in psychology and education: speech and language therapy is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in medicine and dental science**

[Admission to undergraduate studies in medicine and dental science is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

Note: students wishing to enrol for a **Bachelor's degree in Medicine** or a **Bachelor's degree in dental science** must first sit an [aptitude test \(fr\)](#).

- Access to **Bachelor of Science in Business Engineering**

The Bachelor of Science in Business Engineering is a joint program organised by KU Leuven and UCLouvain Saint-Louis Bruxelles. In order to register, all candidate must first submit an application via the [KU Leuven admission platform](#). The [conditions of access](#) to this programme are specific.

## 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".**

In the design studio and for some course-related activities, students are closely accompanied in their studies throughout the whole process so as to situate themselves appropriately in individual and group work and make any necessary adjustments.

In addition, they are evaluated during the course of the quadrimester and yet again at the end of the quadrimester in each of the given subjects to ascertain whether they are meeting the demands of the programme and have successfully completed the modules concerned.

## Possible trainings at the end of the programme

### Accès aux Masters en sciences de l'ingénieur : ingénieur civil architecte.

A l'intérieur de la Faculté d'Architecture, d'Ingénierie architecturale et d'Urbanisme (LOCI) et parmi les diplômés gérés par l'EPL : l'orientation du Bachelier ingénieur civil architecte est spécifique, et cela dès le premier quadrimestre. La possibilité d'orientation progressive ou de réorientation est donc faible.

La réussite de ce Bachelier ne donne accès automatique qu'au seul Master ingénieur civil architecte. Néanmoins, le suivi de la mineure adéquate peut donner à l'étudiant accès au Master Architecte (sous condition de l'approbation de la Commission de Programme MARC) ou au programme de Master ingénieur civil des constructions auprès de l'EPL (sous condition de suivi de certains cours).

L'accès à un Master ingénieur civil nécessite une année d'études complémentaire (60 crédits). Réciproquement, l'accès au Master ingénieur civil architecte nécessite une année d'études complémentaire (60 crédits) aux diplômés Bacheliers en sciences de l'ingénieur-ingénieur civil (EPL); pour les diplômés Bacheliers architecte, un programme particulier devra être mis au point qui suppose en outre le passage de l'examen d'admission.

## Contacts

### Curriculum Management

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

SST/LOCI

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

Sciences and Technology ([SST](#))

LOCI

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

Website

Mandate(s)

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

Commission(s) of programme

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

