

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory courses (B1 : 60Cr, B2 : 30Cr)

ARCH2007-2 *Environmental design of buildings in the context of sustainable development - AnneFrançoise MARIQUE, Sigrid REITER - [2d FW, 40h Proj.]* B1 Q1 15 30 [+] **4**
Corequisite :
 ARCH0115-1 - Ateliers d'architecture IV

ARCH0115-1 *Architecture workshops 4, Integrated conception - Samia BEN RAJEB, Pierre LECLERCQ - [1d FW, 88h Proj.]* B1 Q1 20 130 [+] **10**
Corequisite :
 ARCH2007-2 - Conception architecturale et urbaine durable
 ARCH0075-3 - Studio Digital Collaboratif

Notice : If the president of the cycle's panel agrees, in particular regarding the technical content, the master's integrated project can be part of an interdisciplinary project (e.g. project engineer, Eurobot, Eco-Shell Marathon, etc.). It is possible to have done the project between the third year of the bachelor's degree and the second year of the master's.

GCIV0201-2 *Concretes and new Materials Technologies - Luc COURARD - [1d FW, 6h Labo., 8h Proj.]* B1 Q1 34 20 [+] **5**

ARCH0027-2 *Conservation and Restoration of Cultural Built Heritage - Pierre PAQUET - [1d FW]* B1 Q1 30 - [+] **3**

DROI2222-3 *Notions of property law - Pascale LECOCQ - Suppl : Sophie BOUFFLETTE* B1 Q2 15 - - **2**

ARCH3271-1 *Introduction to Research - Samia BEN RAJEB, Mario COOLS, Pierre LECLERCQ - [30h Proj.]* B1 Q2 10 10 [+] **2**

ARCH2009-1 *General aesthetics and its application to architecture - Rudy STEINMETZ* B1 Q2 45 15 - **4**

ELEN0443-2 *Acoustics and lighting of buildings - JeanJacques EMBRECHTS* B1 Q2 30 40 - **6**

ARCH0080-1 *Building physics and air conditioning - Philippe ANDRE* B1 Q2 30 30 - **6**

ARCH2011-1 *Durable building construction techniques IV : Building renovation - JeanMarie HAUGLUSTAINE - [2d FW]* B1 Q2 15 15 [+] **3**
Corequisite :
 ARCH0027-2 - Conservation et restauration du patrimoine culturel immobilier

GCIV2063-1 *Planning buildings, co-ordination and safety on building sites - Sebastian KREUSCH* B1 Q1 15 15 - **2**

ARCH2003-1 *Urban morphology and environmental integration - Jacques TELLER - [65h Proj.]* B1 Q2 30 30 [+] **5**

ARCH0075-3 *Studio Digital Collaboratif - Pierre LECLERCQ - [1d FW, 78h Proj.]* B1 Q1 15 45 [+] **6**
Corequisite :
 ARCH0115-1 - Ateliers d'architecture IV

GCIV0165-1 *Wood Construction - JeanMarc FRANSEN* B1 Q2 20 10 - **2**

Notice : Annual study trip : guided tours on architectural and urbanistic achievements (optional).
 Cycle of conferences on the professional competences of the engineer/architect (code of ethics, organising real estate operations, public procurement, etc.) : compulsory attendance.
 ARCH0115-1 (Architecture workshops IV) can be replaced by participation in the Project Engineer course providing the project is accepted by the chairman of the panel.

ARCH0116-3 *Architectural studio V: integrated project - Catherine ELSSEN, Jacques TELLER - [1d FW, 150h Proj.]* B2 Q2 - 100 [+] **10**
Prerequisite :
 ARCH0115-1 - Ateliers d'architecture IV
Corequisite :
 ARCH2017-3 - Conception et aménagement des espaces publics

GCIV2052-1 - Transport et mobilité urbaine

ATFE0009-1 *Final Work / Final Architecture project (including an introduction to methodology and research)* - COLLÉGIALITÉ - [500h Proj.] B2 TA - - [+] 20

Optional courses (B2 : 30Cr)

Single focus (B2 : 30Cr)

Research Focus (B2 : 30Cr)

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|------------|---|----|----|----|----|-----|---|
| ARCH0065-2 | <i>Design Process Analysis</i> - Samia BEN RAJEB, Pierre LECLERCQ - [18h Proj.] | B2 | Q2 | 15 | 30 | [+] | 3 |
| ARCH2017-3 | <i>Design and public areas planning</i> - Philippe HANOCQ - [1d FW, 60h Proj.] Corequisite : ARCH0116-3 - Ateliers d'architecture V : Projet intégré GCIV2052-1 - Transport et mobilité urbaine | B2 | Q1 | 20 | 40 | [+] | 5 |
| GCIV2052-1 | <i>Transport and urban mobility</i> (english language) - Mario COOLS - [2d FW, 30h Proj.] | B2 | Q1 | 40 | 40 | [+] | 6 |
| ARCH2019-1 | <i>Engineering of urban moods</i> - Sigrid REITER - [12h Proj.] Prerequisite : ARCH2007-2 - Conception architecturale et urbaine durable | B2 | Q1 | 8 | 30 | [+] | 2 |
| ARCH2018-1 | <i>Urban governance</i> - Jacques TELLER | B2 | Q1 | 20 | - | - | 2 |
| SPOL2209-3 | <i>Environmental and land policies</i> - Sophie HANSON | B2 | Q1 | 30 | - | - | 2 |
| ARCH3272-1 | <i>Building performance simulation and monitoring</i> (english language) - Shady ATTIA - [40h Proj.] Prerequisite : ARCH0080-1 - Physique du bâtiment et climatisation | B2 | Q1 | 15 | 30 | [+] | 4 |
| GCIV0133-9 | <i>Maintenance, restoration and protection of buildings</i> - Luc COURARD - [1d FW] Prerequisite : GCIV0201-2 - Technologie des bétons et matériaux nouveaux | B2 | Q1 | 32 | 8 | [+] | 3 |
| ASTG9002-1 | <i>Professional internship</i> - Shady ATTIA - [20d FW, 20h Proj.] | B2 | TA | - | - | [+] | 3 |

A visit to a business (optional).

Annual study trip : guided tours on architectural and urbanistic achievements (optional).

Final year trip: at the beginning of the academic year, prior to course organisation, guided tours of architectural and urbanistic achievements (optional).

Cycle of conferences on the professional competences of the engineer/architect (code of ethics, organising real estate operations, public procurement, etc.): compulsory attendance.

Additional courses for Erasmus students (B2 : 14Cr)

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|------------|--|----|----|----|----|-----|---|
| LANG0840-1 | <i>French, S1 - 1er quadrimestre</i> - ISLV, Marielle MARÉCHAL | B2 | Q1 | - | - | - | 5 |
| LANG0840-2 | <i>French, S2 - 2e quadrimestre</i> - ISLV, Marielle MARÉCHAL | B2 | Q2 | - | - | - | 5 |
| GCIV0008-2 | <i>Design techniques and development of integrated and sustainable projects in transport and mobility</i> (english language) - Mario COOLS - [25h Proj.] | B2 | Q1 | 30 | 15 | [+] | 4 |

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en ingénieur civil architecte, à finalité approfondie" en 2014-2015

Optional courses (B1 : 30Cr)

Single focus (B1 : 30Cr)

Research Focus (B1 : 30Cr)

| | | | | | | | |
|------------|--|----|----|----|----|-----|----------|
| ARCH0065-2 | <i>Design Process Analysis</i> - Samia BEN RAJEB, Pierre LECLERCQ - [18h Proj.] | B1 | Q2 | 15 | 30 | [+] | 3 |
| ARCH2017-3 | <i>Design and public areas planning</i> - Philippe HANOCQ - [1d FW, 60h Proj.] | B1 | Q1 | 20 | 40 | [+] | 5 |
| GCIV2052-1 | <i>Transport and urban mobility</i> (english language) - Mario COOLS - [2d FW, 30h Proj.] | B1 | Q1 | 40 | 40 | [+] | 6 |
| ARCH2019-1 | <i>Engineering of urban moods</i> - Sigrid REITER - [12h Proj.] | B1 | Q1 | 8 | 30 | [+] | 2 |
| ARCH2018-1 | <i>Urban governance</i> - Jacques TELLER | B1 | Q1 | 20 | - | - | 2 |
| SPOL2209-3 | <i>Environmental and land policies</i> - Sophie HANSON | B1 | Q1 | 30 | - | - | 2 |
| ARCH3272-1 | <i>Building performance simulation and monitoring</i> (english language) - Shady ATTIA - [40h Proj.] | B1 | Q1 | 15 | 30 | [+] | 4 |
| GCIV0133-9 | <i>Maintenance, restoration and protection of buildings</i> - Luc COURARD - [1d FW] | B1 | Q1 | 32 | 8 | [+] | 3 |
| ASTG9002-1 | <i>Professional internship</i> - Shady ATTIA - [20d FW, 20h Proj.] | B1 | TA | - | - | [+] | 3 |

A visit to a business (optional).

Annual study trip : guided tours on architectural and urbanistic achievements (optional).

Cycle of conferences on the professional competences of the engineer/architect (code of ethics, organising real estate operations, public procurement, etc.): compulsory attendance.

Compulsory courses (B1 : 30Cr)

| | | | | | | | |
|------------|--|----|----|---|-----|-----|-----------|
| ARCH0116-3 | <i>Architectural studio V: integrated project</i> - Catherine ELSEN, Jacques TELLER - [1d FW, 150h Proj.] | B1 | Q2 | - | 100 | [+] | 10 |
| ATFE0009-1 | <i>Final Work / Final Architecture project (including an introduction to methodology and research)</i> - COLLÉGIALITÉ - [500h Proj.] | B1 | TA | - | - | [+] | 20 |