

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory courses (B1 : 44Cr, B2 : 44Cr)

Field of education and research (FER): Science and technology (B1 : 12Cr, B2 : 4Cr)

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|------------|--|----|----|----|---|-------------------|---|
| ARCH0412-1 | <i>Structure 4</i> - Vincent SERVAIS | B1 | Q1 | 24 | - | - | 2 |
| ARCH0413-1 | <i>Construction 4</i> - Anne DENGIS | B1 | Q1 | 24 | - | - | 2 |
| ARCH0415-1 | <i>Building equipment 3</i> - Henriette MICHAUX | B1 | Q1 | 24 | - | - | 2 |
| ARCH0416-1 | <i>Professional practice</i> - Philippe GREISCH | B1 | Q2 | 24 | - | - | 2 |
| ARCH0414-2 | <i>Technical applications 4</i> - <i>Structure</i> - Francois LAURENT, Vincent SERVAIS - [16h Mon. WS] - <i>Construction</i> - Anne DENGIS, Philippe GREISCH - [16h Mon. WS] - <i>Equipments</i> - Henriette MICHAUX, Adolf SKOK - [16h Mon. WS] | B1 | Q2 | | - | [+] [+] [+] | 4 |
| ARCH0514-2 | <i>Technical applications 5 (construction, equipment, structure)</i> - <i>Structure</i> - Francois LAURENT, Vincent SERVAIS - [16h Mon. WS] - <i>Construction</i> - Anne DENGIS, Philippe GREISCH - [16h Mon. WS] - <i>Equipments</i> - Henriette MICHAUX, Adolf SKOK - [16h Mon. WS] | B2 | Q2 | | - | [+] [+] [+] | 4 |

Corequisite :
ARCH0540-1 - Projets d'architecture 2

Field of education and research (FER) : History, Theory, Social Sciences (B1 : 2Cr, B2 : 4Cr)

[...] The organised course of construction law

| | | | | | | | |
|------------|--|---|----|----|---|---|---|
| ARCH0427-1 | <i>Construction law : specific elements</i> - Laurent HENROTTE (Odd years) | - | Q1 | 24 | - | - | 2 |
| ARCH0527-1 | <i>Construction law : contractual elements</i> - Laurent HENROTTE (Even years) | - | Q1 | 24 | - | - | 2 |

[...] The organised course of construction law

| | | | | | | | |
|------------|--|---|----|----|---|---|---|
| ARCH0427-1 | <i>Construction law : specific elements</i> - Laurent HENROTTE (Odd years) | - | Q1 | 24 | - | - | 2 |
| ARCH0527-1 | <i>Construction law : contractual elements</i> - Laurent HENROTTE (Even years) | - | Q1 | 24 | - | - | 2 |

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|------------|--------------------------------|----|----|----|---|---|---|
| ARCH0528-1 | <i>Deontology</i> - Karl SIMON | B2 | Q1 | 24 | - | - | 2 |
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Field of education and research (FER) : City, Territory, Landscape (B1 : 4Cr, B2 : 2Cr)

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|------------|---|----|----|----|---|---|---|
| ARCH0453-1 | <i>Procedures regarding urban and territorial projects: urban planning and territorial development</i> - Roger HAGELSTEIN | B1 | Q1 | 24 | - | - | 2 |
| ARCH0454-1 | <i>Theory of landscape project</i> - Rita OCCHIUTO | B1 | Q1 | 24 | - | - | 2 |
| ARCH0553-1 | <i>Procedures regarding urban and territorial projects: strategies, tools, actors</i> - Sophie DAWANCE | B2 | Q1 | 24 | - | - | 2 |

Field of education and research (FER) : Architectural Project (B1 : 20Cr, B2 : 20Cr)

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|------------|---|----|----|----|-----|---|----|
| ARCH0440-1 | <i>Architecture projects</i> - Aloys BEGUIN, Abdelkader BOUTEMADJA, Henri CHAUMONT, Fabienne COURTEJOIE, Bernard DEFFET, Frédéric DELVAUX, Pierre DE WIT, Mariette DORTHU, Sibrine DURNEZ, Marina FRIENNA, Philippe GREISCH, PaulChristian HAUTECLER, Luc MABILLE, Norbert NELLES, Pascal NOE, Rita OCCHIUTO, Virginie PIGEON, Benoît VANDENBULCKE - Suppl : Nicolas DUVIVIER | B1 | TA | - | 256 | - | 20 |
| ARCH0540-1 | <i>Architecture projects 2</i> - Aloys BEGUIN, Henri CHAUMONT, Fabienne COURTEJOIE, Bernard DEFFET, Frédéric DELVAUX, Pierre DE WIT, Mariette DORTHU, Sibrine DURNEZ, Marina FRIENNA, Philippe GREISCH, PaulChristian HAUTECLER, Luc MABILLE, Norbert NELLES, Pascal NOE, Rita OCCHIUTO, Virginie PIGEON, Benoît VANDENBULCKE - Suppl : Nicolas DUVIVIER | B2 | TA | 24 | 236 | - | 20 |

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Faculty of Architecture

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Students choose between several workshops that put across the specificities of their approaches by publishing a description including all relevant information ; this description will be available on the web. The terms of choices will be communicated to each student by e-mail.

Final thesis and internship (B1 : 4Cr, B2 : 14Cr)

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|--|--|----|----|---|---|---|---|----|
| ARCH0461-1 | <i>Advanced states (RECP)</i> - COLLÉGIALITÉ, COLLÉGIALITÉ, Stéphane DAWANS, Frédéric DELVAUX, Pierre HALLOT, Philippe HANOCQ, Olivier HENZ, Claudine HOUBART, Sylvie JANCART, AnneMichèle JANSSEN, Eric LE COGUIEC, Henriette MICHAUX, Patricia SCHEFFERS, David TIELEMAN | B1 | TA | - | - | - | - | 4 |
| TMEM0561-1 | <i>Final thesis</i> - COLLÉGIALITÉ, COLLÉGIALITÉ, Stéphane DAWANS, Frédéric DELVAUX, Pierre HALLOT, Philippe HANOCQ, Olivier HENZ, Claudine HOUBART, Sylvie JANCART, AnneMichèle JANSSEN, Eric LE COGUIEC, Henriette MICHAUX, Patricia SCHEFFERS, David TIELEMAN | B2 | TA | - | - | - | - | 12 |
| Prerequisite : | | | | | | | | |
| ARCH0461-1 - Etats d'avancement (RECP) | | | | | | | | |

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|------------|---|----|----|---|---|---|---|---|
| TSTG0571-1 | <i>Placement</i> - JeanClaude DONNEAU, Karl SIMON | B2 | TA | - | - | - | - | 2 |
|------------|---|----|----|---|---|---|---|---|

Field of education and research (FER): Study and Representation of Space and Form (B1 : 2Cr)

[...] One course from the courses of expression and communication

| | | | | | | | | |
|------------|---|----|----|----|----|---|---|---|
| ARCH1001-1 | <i>Sketches, form and space</i> - Aniceto EXPOSITOLOPEZ, ClaudeLucie HICK | B1 | Q2 | - | 24 | - | - | 2 |
| ARCH1002-1 | <i>Arts and architecture</i> - Sarah BEHETS, Aniceto EXPOSITOLOPEZ, Benedicte HENRY | B1 | Q2 | - | 24 | - | - | 2 |
| ARCH1003-1 | <i>Topometric operating prospects</i> - Pierre HALLOT | B1 | Q2 | 16 | 8 | - | - | 2 |
| ARCH1004-1 | <i>Numerical culture and generative processes of the form</i> - Sylvie JANCART | B1 | Q2 | - | 24 | - | - | 2 |
| ARCH1005-1 | <i>The watercolor and digital design in the service of architectural designs</i> - Michele HOUGARDY | B1 | Q2 | - | 24 | - | - | 2 |

Optional courses (B1 : 16Cr, B2 : 16Cr)

Single focus (B1 : 16Cr, B2 : 16Cr)

Professional focus on the art of building and urban planning (B1 : 16Cr, B2 : 16Cr)

To complete their curriculum, students chose in block 1 a workshop from the 3 following modules (12 credits) and 4 credits from the complementary courses or from individual courses.

Notice : by the end of the Masters, students should have acquired at least four credits from the `Core; classes (set out in the critical theory labs and classes which are complementary to the modules)

In Block 2, students choose a workshop from among the three modules proposed (12 credits) and 4 credits from among the courses complementary to the modules, or from among the Critical Theory Laboratory courses, or from among the individual courses.

Students may pursue their study programme in the same subject and thus choose to do the module's in-depth workshop.

Students have the possibility, based on a reasoned proposal, to follow a curriculum consisting only of the more theoretical classes from the critical theory laboratories or courses in addition to the modules. This request must be made to the President of the Masters jury.

Choose 2 workshops amongst : (B1 : 12Cr, B2 : 12Cr)

Notice : students may only choose an advanced workshop if they hold the credits for the basic workshop in the same module.

MODULE STUDIO 1/1

The STUDIO 1/1 study path develops a consistent design process at any of the project's possible scales, from the broadest perspective to the smallest details, taking into account composition, functionality, technical requirements and sensitivity. All workshops emphasise attention to practical matters, as well as experimentation and a technical and creative approach. The workshops available explore a wide variety of fields, but have a number of things in common: they establish each project's meaning throughout its development, highlighting the necessary feedback loop between the wider and the smaller scales, they develop architecture's material aspect and they confront students with the realisation of a thought into a building project. All workshops aim at providing students with skills that prepare them to the various practices involved in managing an architectural project.

Workshops tackle all the intermediary steps between man and architecture, as well as the relation between space and structure, the envelope, the inside space, and the indoor fittings all the way down to the furniture.

Workshop A : Projects between object and architecture

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|------------|--|---|----|----|---|-----|----------|
| ARCH1966-2 | <i>Workshop A - furniture</i> - <i>Projects between projects and architecture</i> - Aloys BEGUIN, Luc MABILLE, N... - <i>Technical information- workshop A - furniture</i> - Aloys BEGUIN, Luc MABILLE - [24h Vis.] | - | Q1 | 48 | - | | 6 |
| ARCH1967-1 | <i>Workshop A - concrete experiment</i> - <i>Projects between object and architecture - concrete</i> - Aloys BEGUIN, Luc MABILLE, Karl SIMON - <i>Technical information - workshop 1 - concrete</i> - Aloys BEGUIN, Luc MABILLE, Karl SIMON - [24h Vis.] | - | Q2 | 48 | - | [+] | 6 |

Workshop B : Habitat and environmental footprint

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|------------|--|---|----|----|---|-----|----------|
| ARCH1622-1 | <i>Workshop B : Habitat and environmental footprint (Niveau 1)</i> - Fabienne COURTEJOIE, Xavier FOLVILLE, Olivier HENZ | - | TA | 96 | - | | 8 |
| ARCH1660-1 | <i>Technical Information - workshop B</i> - Olivier HENZ, JeanPhilippe POSSOZ - [48h Vis.] | - | Q1 | | - | [+] | 2 |
| ARCH1626-1 | <i>Design of highly energy-efficient buildings</i> - Olivier HENZ | - | Q1 | 24 | - | | 2 |

Workshop C: Against and/with the architecture (not organised in 2017-2018)

| | | | | | | | |
|------------|---|---|----|----|---|-----|----------|
| ARCH1623-1 | <i>Workshop C : against and with architecture</i> Corequisite : ARCH1637-1 - Informations complémentaires - Atelier C ARCH1627-2 - Analyse préalable du bâti existant | - | TA | 96 | - | | 8 |
| ARCH1627-2 | <i>Preliminary analysis of existing buildings</i> - [30h Vis., 18h Conf.] Corequisite : ARCH1623-1 - Atelier C : Contre et/avec l'architecture | - | Q1 | | - | [+] | 2 |
| ARCH1637-1 | <i>Additional information - Workshop C</i> - [24h Vis., 24h Conf.] Corequisite : ARCH1623-1 - Atelier C : Contre et/avec l'architecture | - | Q1 | | - | [+] | 2 |

Workshop D : Space, structures and experimentation

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|------------|---|---|----|----|---|--|----------|
| ARCH1624-1 | <i>Workshop D : Space, structures and experimentation</i> - Henri CHAUMONT, Henriette MICHAUX Corequisite : ARCH1628-1 - Atelier lumière 2 - Niveau 1 | - | TA | 96 | - | | 8 |
| ARCH1628-1 | <i>Workshop on light 2 - level 1</i> - Henriette MICHAUX | - | Q2 | 24 | - | | 2 |
| ARCH1661-1 | <i>Workshop D</i> - Henri CHAUMONT, Vincent SERVAIS | - | Q2 | 96 | - | | 2 |

Knowledge improvement : Workshop B Architecture and community footprint (B2 : 12Cr)

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|------------|--|----|----|----|---|--|----------|
| ARCH3269-1 | <i>Workshop B: Architecture and societal footprint Level 2</i> (Niveau 2) - JeanPhilippe POSSOZ Corequisite : | B2 | TA | 96 | - | | 8 |
|------------|--|----|----|----|---|--|----------|

ARCH1660-1 - Information technique - atelier B

ARCH1626-1 - Conception des bâtiments à haute performance énergétique

Notice : prerequisite : ARCH1621 or ARCH1622 or ARCH1623 or ARCH1624

[...] One or several course(s) totalling 4 ECTS

Knowledge improvement : Workshop C (B2 : 12Cr)

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|------------|---|----|----|---|----|-----|----------|
| ARCH1654-1 | <i>Workshop C - The attitude creates formae - Level 2</i> | B2 | TA | - | 96 | - | 8 |
| | Corequisite : ARCH1662-1 - Informations complémentaires - Atelier C - Niveau 2 ARCH1627-2 - Analyse préalable du bâti existant | | | | | | |
| ARCH1645-1 | <i>Technical information - workshop D - level 2 - Henriette MICHAUX, Vincent SERVAIS - [24h Vis.]</i> | B2 | Q1 | - | - | [+] | 2 |
| | Corequisite : ARCH1644-1 - Atelier D - Espace, structures et expérimentation - Niveau 2 | | | | | | |
| ARCH1662-1 | <i>Additional information - Workshop C - Level 2</i> | B2 | Q1 | - | 24 | - | 2 |
| | Corequisite : ARCH1645-1 - Information technique - atelier D - Niveau 2 ARCH1654-1 - Atelier C - L'attitude crée la forme - Niveau 2 | | | | | | |

Knowledge improvement : Workshop D (B2 : 12Cr)

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|------------|---|----|----|---|----|-----|----------|
| ARCH1644-1 | <i>Workshop D - Space, structures and experiment - Level 2 - Henri CHAUMONT, Henriette MICHAUX</i> | B2 | TA | - | 96 | - | 8 |
| | Prerequisite : ARCH1661-1 - Workshop - atelier D ARCH1628-1 - Atelier lumière 2 - Niveau 1 ARCH1624-1 - Atelier D : Espace, structures et expérimentation | | | | | | |
| | Corequisite : ARCH1957-1 - Workshop - atelier D - Niveau 2 ARCH1645-1 - Information technique - atelier D - Niveau 2 | | | | | | |
| ARCH1645-1 | <i>Technical information - workshop D - level 2 - Henriette MICHAUX, Vincent SERVAIS - [24h Vis.]</i> | B2 | Q1 | - | - | [+] | 2 |
| | Corequisite : ARCH1644-1 - Atelier D - Espace, structures et expérimentation - Niveau 2 | | | | | | |
| ARCH1957-1 | <i>Workshop - level 2 - Henri CHAUMONT, Henriette MICHAUX, Vincent SERVAIS</i> | B2 | Q2 | - | 24 | - | 2 |

MODULE KNOWLEDGE, CONSERVATION AND HERITAGE RESTORATION

Any work on heritage, whether it deals with its promotion, study, conservation or restoration, lies at the crossroads of applied sciences and human sciences. Carrying out interventions on heritage buildings - protected or not - requires calling upon technical, historical, and philosophical skills, as well as a certain receptiveness to the values of the building in question.

Courses from the module "Knowledge, conservation and restoration of heritage" aim at providing students with essential basic skills enabling them to develop a methodology that is specific to the field and to interdisciplinary dialogue.

The "human sciences" branch completes the historical culture that was acquired by students during the bachelor programme by offering a more specialised and practical approach (archive search, architecture of built structures), and provides theoretical and philosophical tools that encourage students to choose which attitude they wish to adopt in the field of heritage work, all the while teaching them about current legislation and administrative issues.

The technical part tackles the history of materials and of their use, along with restoration techniques and the analysis of old structures.

Courses are given as seminars, conferences and field visits. The programme's cross-disciplinary aspect is expressed in the workshops, where students are required to call upon a variety of fields of knowledge through studies and projects on the restoration of heritage buildings and built fabric, while also tackling the subjects of scenery and gardens.

Basic workshops

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|------------|--|---|----|----|----|---|---|----------|
| ARCH1730-1 | <i>Restoration : exercises and applications</i> - Francoise DUPERROY, Gisele GANTOIS, Pierre HALLOT | - | Q2 | - | 48 | - | - | 4 |
| | Corequisite : ARCH1740-1 - Histoire des techniques et des matériaux ARCH1734-1 - Lecture des tissus urbains et du bâti historique, partie 1 ARCH1733-1 - Histoire et théories de la conservation/Restauration ARCH1732-1 - Techniques de restauration | | | | | | | |
| ARCH1732-1 | <i>Restoration techniques</i> - Francoise DUPERROY | - | Q1 | 36 | - | - | - | 3 |
| ARCH1733-1 | <i>History and theories of the conservation/restoration</i> - Claudine HOUBART | - | Q1 | 24 | - | - | - | 2 |
| | <i>Notice : Common courses</i> | | | | | | | |
| ARCH1734-1 | <i>Reading the urban fabric and the built environment, Part 1</i> - PaulChristian HAUTECLER | - | Q2 | 24 | - | - | - | 2 |
| ARCH1740-1 | <i>History of techniques and materials</i> - Francis TOURNEUR (Even years) | - | Q1 | 12 | - | - | - | 1 |
| ARCH1738-1 | <i>Administrative procedures and legislation concerning restoration</i> - Francoise DUPERROY (Odd years) | - | Q1 | 12 | - | - | - | 1 |

In-depth workshops (B2 : 12Cr)

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|------------|---|----|----|----|----|---|---|----------|
| ARCH1731-1 | <i>Restoration project: draft</i> - Francoise DUPERROY, Gisele GANTOIS | B2 | Q1 | - | 48 | - | - | 4 |
| | Prerequisite : ARCH1730-1 - Restauration : exercices et applications Corequisite : ARCH1737-1 - Les structures anciennes ARCH1960-1 - Projet de restauration : Workshop ARCH1961-1 - Projet de restauration : Détails techniques | | | | | | | |
| ARCH1961-1 | <i>Restoration Project : Technical details</i> - Patrick BRIBOSIA, Francoise DUPERROY | B2 | Q2 | - | 24 | - | - | 2 |
| | Prerequisite : ARCH1730-1 - Restauration : exercices et applications Corequisite : ARCH1960-1 - Projet de restauration : Workshop ARCH1737-1 - Les structures anciennes ARCH1731-1 - Projet de restauration : Avant-Projet | | | | | | | |
| ARCH1960-1 | <i>Restoration project: Workshop</i> - Patrick BRIBOSIA, Pierre HALLOT, Claudine HOUBART | B2 | Q2 | - | 24 | - | - | 2 |
| | Prerequisite : ARCH1730-1 - Restauration : exercices et applications Corequisite : ARCH1961-1 - Projet de restauration : Détails techniques ARCH1737-1 - Les structures anciennes | | | | | | | |
| ARCH1737-1 | <i>Old structures</i> - Vincent SERVAIS | B2 | Q1 | 24 | - | - | - | 2 |
| [...] | 2 credits from the additional module courses or from the labs critical theories or from the individual courses. | | | | | | | |

MODULE URBAN PROJECT AND LANDSCAPE

Taking on the challenge of sustainable development means transitioning from the cult of productivity to new forms of equilibrium between humans and their environment. Innovating territorial policies will have to be adopted, based on a new urban culture. They must aim at creating quality living environments that enable the development of human interactions centred on well-being and individual fulfilment.

This makes urban projects and landscape projects into powerful tools that can communicate new visions on our society's future and act upon the quick and complex evolution that our territories are undergoing.

The project is designed from the broadest scale to the smallest details, and is adopted as a way to transcribe prospective objectives spanning multiple scales and different times, integrating how inhabitants experience space

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and what images the structure brings up, and enabling different forms of urban landscapes.

As such, the module offers workshops, classes and seminars that refer to thoughts and interdisciplinary methods adapted to the highly contemporary evolution of land caused by the interaction between humans and nature: towns, conurbations, neighbourhoods, countryside, large landscapes and complex urbanisation and hybrid land systems.

The questions asked call upon the interaction of various methods and fields of knowledge, enabling students to account for the complex phenomena related to the realities of urban and natural environments. They are applied to the development of concrete projects such as: development of neighbourhoods, public spaces, blocks and green areas, rehabilitation of sites, restructuring of landscapes, improvement of watercourses;

The themes offered in workshops are all development avenues that are directly related to new professions in architecture, as well as to applied research.

Two specific programmes, which reflect on territorial issues from different approaches, are :

- * Areas in the process of change: urban projects
- * Landscape architecture

Outre le séminaire qui introduit les deux parcours et le workshop commun, l'orientation propose de nombreux moments d'interaction didactique associant étudiants et enseignants sous forme de communications, visites, voyages ou conférences dont le programme varie selon les thèmes de projet.

There is also the opportunity to go into the subject in greater depth through the second level offered by the module, both in terms of the urban project and the landscaping project. This is accessible to students who did the first level the previous year. Students from both levels (basic and advanced) work in the same workshop on common themes, as well as doing adapted exercises and pursuing various objectives.

Basic workshops and related courses

ARCH1945-1 *Introduction to contemporary issues of cities and landscape design* - Pierre FRANKIGNOULLE, Marc GOOSSENS, Rita OCCHIUTO, David TIELEMAN - Q1 24 - - 2

Notice : Common courses

ARCH1946-1 *Workshop 1 : specific themes (urban/landscape) with cross-cutting relationships* - Sophie DAWANCE, Rita OCCHIUTO - Q2 - 24 - 2

Select 1 workshop amongst :

ARCH1942-1 *Basic workshop : urban project* - Sophie DAWANCE, Marc GOOSSENS, Marijke MAES - TA - 96 - 8

Corequisite :

ARCH1946-1 - Workshop 1 : thématique spécifique (urbaine/paysagère) à relations transversales

ARCH1945-1 - Introduction aux enjeux de la ville et du paysage contemporains

ARCH1943-1 *Basic workshop : landscaping project* - Benedicte HENRY, Rita OCCHIUTO - TA - 96 - 8

Corequisite :

ARCH1946-1 - Workshop 1 : thématique spécifique (urbaine/paysagère) à relations transversales

ARCH1945-1 - Introduction aux enjeux de la ville et du paysage contemporains

In-depth workshops : urban project (B2 : 12Cr)

ARCH1944-1 *In-depth workshop: urban project* - Sophie DAWANCE, Marc GOOSSENS, Marijke MAES - B2 TA - 96 - 8

Prerequisite :

ARCH1942-1 - Atelier de base : projet urbain

[...] One or several course(s) totalling 4 ECTS

In-depth workshops : landscape project (B2 : 12Cr)

ARCH1953-1 *In-depth workshop: landscaping project* - Benedicte HENRY, Rita OCCHIUTO - B2 TA - 96 - 8

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Prerequisite :

ARCH1943-1 - Atelier de base : projet paysage

[...] One or several course(s) totalling 4 ECTS

Choose courses totalling 8 ECTS from the following : (B1 : 4Cr, B2 : 4Cr)

[...] Critical theory courses

[...] Critical theory courses

[...] Complementary courses of isolated courses

[...] Complementary courses of isolated courses

Complementary courses Studio 1/1

| | | | | | | | |
|------------|--|---|----|----|---|---|---|
| ARCH1630-1 | <i>Living. Decoration, spatiality and lifestyles</i> - Xavier FOLVILLE | - | Q1 | 24 | - | - | 2 |
| ARCH1631-1 | (pas organisé en 2018-2019) <i>Living. Analysis of architectural procedures</i> | - | Q2 | 24 | - | - | 2 |
| ARCH1634-1 | <i>Living. Introduction to the design and contemporary furniture</i> - Xavier FOLVILLE | - | Q1 | 24 | - | - | 2 |
| ARCH1635-1 | (pas organisé en 2018-2019) <i>Scenographic equipment in performing arts halls</i> | - | Q1 | 24 | - | - | 2 |
| ARCH1636-1 | <i>Healing environment - Workshop - Interdisciplinary and interfaculty approach</i> - Fabienne COURTEJOIE, Xavier FOLVILLE, Olivier HENZ | - | Q2 | 24 | - | - | 2 |

Complementary courses Knowledge, conservation and heritage restoration

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|------------|---|---|----|----|----|---|---|
| ARCH1733-1 | <i>History and theories of the conservation/restoration</i> - Claudine HOUBART | - | Q1 | 24 | - | - | 2 |
| ARCH1734-1 | <i>Reading the urban fabric and the built environment, Part 1</i> - PaulChristian HAUTECLER | - | Q2 | 24 | - | - | 2 |
| ARCH1735-1 | <i>Reading the urban fabric and the built environment, Part 2 (Workshop)</i> - PaulChristian HAUTECLER | - | Q2 | - | 12 | - | 1 |
| | Prerequisite : ARCH1734-1 - Lecture des tissus urbains et du bâti historique, partie 1 | | | | | | |
| ARCH1736-1 | <i>Heritage in modern times, documentation and conservation</i> - Maurizio COHEN | - | Q1 | 24 | - | - | 2 |
| ARCH1737-1 | <i>Old structures</i> - Vincent SERVAIS | - | Q1 | 24 | - | - | 2 |
| ARCH1739-2 | <i>Advanced questions in the philosophy of heritage preservation</i> - Stéphane DAWANS, Claudine HOUBART (Even years) | - | Q2 | 24 | - | - | 2 |
| | Corequisite : ARCH1733-1 - Histoire et théories de la conservation/Restauration | | | | | | |
| ARCH1738-1 | <i>Administrative procedures and legislation concerning restoration</i> - Francoise DUPERROY (Odd years) | - | Q1 | 12 | - | - | 1 |
| ARCH1740-1 | <i>History of techniques and materials</i> - Francis TOURNEUR (Even years) | - | Q1 | 12 | - | - | 1 |
| ARCH1959-1 | <i>Heritage and postmodernity</i> - Stéphane DAWANS, Claudine HOUBART (Odd years) | - | Q2 | 24 | - | - | 2 |
| | Corequisite : ARCH1733-1 - Histoire et théories de la conservation/Restauration | | | | | | |
| ARCH1741-1 | <i>Three-dimensional modeling techniques of built heritage</i> - Pierre HALLOT | - | Q2 | 12 | 12 | - | 2 |

Complementary courses urban project and landscape

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|------------|--|---|----|----|---|-----|---|
| ARCH1947-1 | <i>History of the city and conceptions of urban planning</i> - Pierre FRANKIGNOULLE | - | Q1 | 24 | - | - | 2 |
| ARCH1948-1 | <i>History and representations of the City through arts and culture</i> - Pierre FRANKIGNOULLE - [8h Vis.] | - | Q2 | 8 | 8 | [+] | 2 |

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Corequisite :

ARCH1947-1 - Histoire de la ville et conceptions de l'urbanisme

ARCH1950-2 *Sociologic approach to contemporary living spaces : research questions and methodologies* - David TIELEMAN - Q1 24 - - 2

ARCH1962-1 *Sociological approach to contemporary living spaces : field study* - David TIELEMAN - Q2 - 24 - 2

Corequisite :

ARCH1950-2 - Approche sociologique de lieux de vie contemporains : questions et méthodologies de recherche

ARCH1951-1 *Procedures for intervention in urban planning and development of territory* - Roger HAGELSTEIN - Q2 24 - - 2

ARCH1952-1 *Geographical information systems* - Georges MABILLE - Q1 24 - - 2

ARCH1956-1 *Workshop: specific themes (urban/landscape) with cross-cutting relationships* - Sophie DAWANCE, Rita OCCHIUTO - Q2 - 24 - 2

ARCH1734-1 *Reading the urban fabric and the built environment, Part 1* - PaulChristian HAUTECLER - Q2 24 - - 2

Corequisite :

ARCH1733-1 - Histoire et théories de la conservation/Restauration

Laboratories, critical theories

The function of the critical theories lab is to establish critical and analytical processes centred on issues related to the theory, the history, the human sciences and the social sciences of architecture.

These teachings train students to retrieve information, to understand and analyse sources in great detail, to compare authors in a critical way, and to adopt approaches and methodologies enabling them to develop an argument that demonstrates a certain point of view or defends a certain position.

Theory of architecture

ARCH1801-1 *Monographics : applied research workshop, spatial and constructed analysis - Part 1* - Aloys BEGUIN - Q1 48 - - 4

ARCH1802-1 *Monographics : applied research workshop, spatial and constructed analysis - Part 2* - Aloys BEGUIN - Q2 24 - - 2

Corequisite :

ARCH1801-1 - Monographiques : atelier de recherche appliquée, analyse spatiale et construite - partie 1

ARCH1803-1 *Architectural analysis (applied research workshop)* - Bernard KORMOSS - Q1 8 40 - 4

ARCH1804-1 *Critical architectural theories* - Bernard KORMOSS - Q2 24 - - 2

ARCH1805-1 *Architecture, city and cinema* - Maurizio COHEN - Q2 24 - - 2

History / Contemporary History

ARCH1810-1 *History of Belgian architecture, modern and contemporary 1 (from 1900 to 1940)* - Maurizio COHEN - Q1 24 - - 2

ARCH1811-1 *History of Belgian architecture, modern and contemporary 1 (from 1940 to 2010)* - Maurizio COHEN - Q1 24 - - 2

ARCH1821-1 *Ancient, contemporary and traditional architecture in Belgium* - Xavier FOLVILLE - Q1 24 - - 2

ARCH1958-1 *Research Methodology in Architectural History - Theoretical part* - Pierre FRANKIGNOULLE, Claudine HOUBART - Q1 24 - - 2

ARCH1965-1 *Methodology of architecture history research - Part 2 - Practical Approach* - Pierre FRANKIGNOULLE, Claudine HOUBART - Q2 - 24 - 2

ARCH1742-1 *Architectural history : the 19th century* - Daniela Nicolosa PRINA - Q2 24 - - 2

Human and social sciences

ARCH1831-1 *Advanced questions in philosophy as applied to architecture and urban* - Q1 24 - - 2

Study programmes 2018-2019

Faculty of Architecture

Master in architecture (120 ECTS)

planning - Stéphane DAWANS

| | | | | | | | |
|------------|--|---|----|----|---|---|---|
| ARCH1841-1 | <i>Questions in semiology applied to architecture</i> - Stéphane DAWANS | - | Q1 | 24 | - | - | 2 |
| ARCH1845-1 | <i>Criminality and territory - theoretical approach</i> - David TIELEMAN | - | Q1 | 24 | - | - | 2 |
| ARCH1843-1 | (pas organisé en 2018-2019) <i>Communication and cognition in architecture</i> | - | Q2 | 24 | - | - | 2 |
| ARCH1844-1 | <i>Criminality and territory - research questions</i> - David TIELEMAN | - | Q2 | 24 | - | - | 2 |

Corequisite :
ARCH1845-1 - Criminalités et territoire - approche théorique

Isolated course

(FER) Field of education and research : Science and Technology

| | | | | | | | |
|------------|---|---|----|----|---|---|---|
| ARCH1963-1 | (pas organisé en 2018-2019) <i>Prefabrication</i> | - | Q1 | 24 | - | - | 2 |
|------------|---|---|----|----|---|---|---|

FER III Field of education Study and Representation of Space and Form

| | | | | | | | |
|------------|--|---|----|---|----|---|---|
| ARCH1964-1 | <i>Digital design in its Materializing Approach</i> - Frédéric DELVAUX | - | Q2 | - | 24 | - | 2 |
|------------|--|---|----|---|----|---|---|

Prerequisite :
ARCH1004-1 - Culture numérique et processus génératifs de la forme

Additional ECTS Master in architecture - Bachelor landscape architect

Compulsory courses (B0 : 60Cr)

Field of education and research (FER) : Science and Technology

| | | | | | | | |
|------------|---|----|----|----|----|---|---|
| ARCH0213-1 | <i>Construction 2</i> - JeanClaude DONNEAU, AnneMichèle JANSSEN | B0 | Q2 | 40 | 8 | - | 4 |
| ARCH0215-1 | <i>Equipment 1 : thermal</i> - Adolf SKOK | B0 | Q2 | 24 | - | - | 2 |
| ARCH0312-1 | <i>Structure 3</i> - Francois LAURENT | B0 | Q1 | 48 | - | - | 4 |
| ARCH0315-1 | <i>Equipment 2, energy management</i> - Henriette MICHAUX | B0 | Q2 | 24 | - | - | 2 |
| ARCH0313-1 | <i>Construction 3</i> - Pierre LEBLANC | B0 | Q2 | 48 | - | - | 4 |
| ARCH0314-1 | <i>Technical applications 3</i> - Thibaut BROGNEAUX, Francois LAURENT, N... | B0 | Q2 | - | 24 | - | 2 |
| ARCH0316-1 | <i>Equipment 3 - acoustics</i> - Adolf SKOK | B0 | Q1 | 24 | - | - | 2 |

Field of education and research (FER) : History, Theory, Social Sciences

| | | | | | | | |
|------------|---|----|----|----|---|---|---|
| ARCH0122-1 | <i>Knowledge of contemporary architecture : 20th century - part 1</i> | B0 | Q1 | 24 | - | - | 2 |
| ARCH0222-1 | <i>Knowledge of contemporary architecture : 20th century - part 2</i> | B0 | Q2 | 24 | - | - | 2 |
| ARCH0224-1 | <i>Introduction to philosophical aesthetics</i> - Stéphane DAWANS | B0 | Q2 | 24 | - | - | 2 |
| ARCH0323-1 | <i>Architecture Theory 2</i> - Maurizio COHEN | B0 | Q1 | 24 | - | - | 2 |
| ARCH0324-1 | <i>Architecture Theory 3</i> - Eric LE COGUEC | B0 | Q2 | 24 | - | - | 2 |

Field of education and research (FER) : City, Territory, Landscape

| | | | | | | | |
|------------|--|----|----|----|---|---|---|
| ARCH0554-1 | <i>Sociology and urban sociology</i> - Stéphane DAWANS | B0 | Q1 | 24 | - | - | 2 |
|------------|--|----|----|----|---|---|---|

Field of education and research (FER): Study and Representation of Space and Form

| | | | | | | | |
|------------|---|----|----|---|----|---|---|
| ARCH0339-1 | <i>Space writing 3</i> - Sarah BEHETS, David CRAMBERT, Aniceto EXPOSITOLOPEZ, Benedicte HENRY, ClaudeLucie HICK, Michele HOUGARDY | B0 | Q2 | 8 | 40 | - | 4 |
|------------|---|----|----|---|----|---|---|

Field of education and research (FER) : Architectural Project

| | | | | | | | |
|------------|--|----|----|---|-----|---|----|
| ARCH0341-1 | <i>Architecture projects 3</i> - Patrick DAVID, Daniel DELGOFFE, | B0 | TA | - | 256 | - | 20 |
|------------|--|----|----|---|-----|---|----|

Study programmes 2018-2019

Faculty of Architecture

Master in architecture (120 ECTS)

ENGIS, Mario GARZANITI, Emeric MARCHAL, Sebastien OCHEJ,
Andre ROUELLE, Pierre SCHINDFESSEL, Margarida SERRAO

ARCH0342-1 *Interior design projects: spatiality and atmosphere -* B0 Q2 - 48 - 4
Thibaut BROGNEAUX, Anne DENGIS, Sibrine DURNEZ

Additional ECTS Master in architecture - Bachelor in architectural engineering

Compulsory courses (B0 : 60Cr)

Field of education and research (FER) : History, Theory, Social Sciences

| | | | | | | | |
|------------|--|----|----|----|---|---|---|
| ARCH0122-1 | <i>Knowledge of contemporary architecture : 20th century - part 1</i> | B0 | Q1 | 24 | - | - | 2 |
| ARCH0123-1 | <i>Theory of architecture 1</i> | B0 | Q1 | 20 | 4 | - | 2 |
| ARCH0124-1 | <i>Introduction to the history of philosophy in its relationship to architecture - Stéphane DAWANS</i> | B0 | Q2 | 24 | - | - | 2 |
| ARCH0125-1 | <i>Introduction to human sciences in architecture - David TIELEMAN</i> | B0 | Q2 | 24 | - | - | 2 |
| ARCH0222-1 | <i>Knowledge of contemporary architecture : 20th century - part 2</i> | B0 | Q2 | 24 | - | - | 2 |
| ARCH0224-1 | <i>Introduction to philosophical aesthetics - Stéphane DAWANS</i> | B0 | Q2 | 24 | - | - | 2 |
| ARCH0226-1 | <i>Sociology and its relationship to architecture and urban planning - David TIELEMAN</i> | B0 | Q1 | 24 | - | - | 2 |
| ARCH0323-1 | <i>Architecture Theory 2 - Maurizio COHEN</i> | B0 | Q1 | 24 | - | - | 2 |
| ARCH0324-1 | <i>Architecture Theory 3 - Eric LE COGUEC</i> | B0 | Q2 | 24 | - | - | 2 |

Field of education and research (FER) : City, Territory, Landscape

| | | | | | | | |
|------------|---|----|----|----|----|---|---|
| ARCH0254-1 | <i>Introduction to typomorphology - Marijke MAES</i> | B0 | Q2 | 12 | 12 | - | 2 |
| ARCH0356-1 | <i>Public space planning - Elisa BALDIN, Marc GOOSSENS, Rita OCCHIUTO, Sebastien OCHEJ, Virginie PIGEON</i> | B0 | Q1 | - | 48 | - | 4 |

Field of education and research (FER): Study and Representation of Space and Form

| | | | | | | | |
|------------|--|----|----|---|----|---|---|
| ARCH3266-1 | <i>Space writing 1B</i> - <i>Atelier 1 : Croquis d'observation - Patrick BRIBOSIA, Mariette DORTHU, Gérald DUPAGNE, Michele HOUGARDY</i> - <i>Atelier 2 : Recherches plastiques - Sarah BEHETS, Carine DRIESMANS, Aniceto EXPOSITOLOPEZ, Benedicte HENRY</i> | B0 | Q2 | 4 | 8 | - | 2 |
| ARCH0231-2 | <i>Space writing 2</i> - <i>Workshop 1 - Sarah BEHETS, David CRAMBERT, ClaudeLucie HICK, Michele HOUGARDY</i> - <i>Workshop 2 - Sarah BEHETS, Carine DRIESMANS, Aniceto EXPOSITOLOPEZ, Benedicte HENRY</i> | B0 | Q1 | 2 | 22 | - | 4 |
| ARCH0232-1 | <i>Dynamics of forms - Sarah BEHETS, Carine DRIESMANS, Aniceto EXPOSITOLOPEZ, Benedicte HENRY</i> | B0 | Q2 | - | 24 | - | 2 |

Field of education and research (FER) : Architectural Project

| | | | | | | | |
|------------|--|----|----|---|-----|---|----|
| ARCH0341-1 | <i>Architecture projects 3 - Patrick DAVID, Daniel DELGOFFE, Anne DENGIS, Mario GARZANITI, Emeric MARCHAL, Sebastien OCHEJ, Andre ROUELLE, Pierre SCHINDFESSEL, Margarida SERRAO</i> | B0 | TA | - | 256 | - | 20 |
| ARCH0342-1 | <i>Interior design projects: spatiality and atmosphere - Thibaut BROGNEAUX, Anne DENGIS, Sibrine DURNEZ</i> | B0 | Q2 | - | 48 | - | 4 |
| ARCH0339-1 | <i>Space writing 3 - Sarah BEHETS, David CRAMBERT, Aniceto EXPOSITOLOPEZ, Benedicte HENRY, ClaudeLucie HICK,</i> | B0 | Q2 | 8 | 40 | - | 4 |

Michele HOUGARDY

Additional ECTS Master in architecture - Bachelor interior architecture

Compulsory courses (B0 : 60Cr)

Field of education and research (FER) : Science and Technology

| | | | | | | | |
|------------|---|----|----|----|----|---|---|
| ARCH0111-1 | <i>Mathematics 1</i> - Sylvie JANCART | B0 | Q1 | 24 | 24 | - | 4 |
| ARCH0211-1 | <i>Mathematics 2</i> - Sylvie JANCART | B0 | Q1 | 24 | - | - | 2 |
| ARCH0212-1 | <i>Structure 2</i> - Thibaut BROGNEAUX, Francois LAURENT, N... | B0 | Q1 | 24 | 24 | - | 4 |
| ARCH0312-1 | <i>Structure 3</i> - Francois LAURENT | B0 | Q1 | 48 | - | - | 4 |
| ARCH0315-1 | <i>Equipment 2, energy management</i> - Henriette MICHAUX | B0 | Q2 | 24 | - | - | 2 |
| ARCH0313-1 | <i>Construction 3</i> - Pierre LEBLANC | B0 | Q2 | 48 | - | - | 4 |
| ARCH0314-1 | <i>Technical applications 3</i> - Thibaut BROGNEAUX, Francois LAURENT, N... | B0 | Q2 | - | 24 | - | 2 |
| ARCH0316-1 | <i>Equipment 3 - acoustics</i> - Adolf SKOK | B0 | Q1 | 24 | - | - | 2 |

Field of education and research (FER) : City, Territory, Landscape

| | | | | | | | |
|------------|---|----|----|----|----|---|---|
| ARCH0151-1 | <i>Environmental science 1</i> | B0 | Q1 | 24 | - | - | 2 |
| ARCH0251-1 | <i>Environmental science 2</i> | B0 | Q2 | 24 | - | - | 2 |
| ARCH0254-1 | <i>Introduction to typomorphology</i> - Marijke MAES | B0 | Q2 | 12 | 12 | - | 2 |
| ARCH0354-1 | <i>Procedures regarding urban project</i> - Marc GOOSSENS | B0 | Q1 | 24 | - | - | 2 |
| ARCH0356-1 | <i>Public space planning</i> - Elisa BALDIN, Marc GOOSSENS, Rita OCCHIUTO, Sebastien OCHEJ, Virginie PIGEON | B0 | Q1 | - | 48 | - | 4 |
| ARCH0355-2 | <i>City and landscape</i> - Rita OCCHIUTO | B0 | Q2 | 24 | - | - | 2 |

Field of education and research (FER): Study and Representation of Space and Form

| | | | | | | | |
|------------|--|----|----|----|-----|---|----|
| ARCH0235-1 | <i>Topography</i> - Pierre HALLOT | B0 | Q1 | 12 | 12 | - | 2 |
| ARCH0341-1 | <i>Architecture projects 3</i> - Patrick DAVID, Daniel DELGOFFE, Anne DENGIS, Mario GARZANITI, Emeric MARCHAL, Sebastien OCHEJ, Andre ROUELLE, Pierre SCHINDFESSEL, Margarida SERRAO | B0 | TA | - | 256 | - | 20 |

Additional ECTS Master in architecture - Bachelor industrial design

Compulsory courses

Field of education and research (FER) : Science and Technology

| | | | | | | | |
|------------|--|----|----|----|----|---|---|
| ARCH0111-1 | <i>Mathematics 1</i> - Sylvie JANCART | B0 | Q1 | 24 | 24 | - | 4 |
| ARCH0211-1 | <i>Mathematics 2</i> - Sylvie JANCART | B0 | Q1 | 24 | - | - | 2 |
| ARCH0212-1 | <i>Structure 2</i> - Thibaut BROGNEAUX, Francois LAURENT, N... | B0 | Q1 | 24 | 24 | - | 4 |
| ARCH0215-1 | <i>Equipment 1 : thermal</i> - Adolf SKOK | B0 | Q2 | 24 | - | - | 2 |
| ARCH0312-1 | <i>Structure 3</i> - Francois LAURENT | B0 | Q1 | 48 | - | - | 4 |
| ARCH0315-1 | <i>Equipment 2, energy management</i> - Henriette MICHAUX | B0 | Q2 | 24 | - | - | 2 |
| ARCH0313-1 | <i>Construction 3</i> - Pierre LEBLANC | B0 | Q2 | 48 | - | - | 4 |

Study programmes 2018-2019
 Faculty of Architecture
 Master in architecture (120 ECTS)

| | | | | | | | |
|--|--|----|----|----|-----|---|----|
| ARCH0314-1 | <i>Technical applications 3</i> - Thibaut BROGNEAUX, Francois LAURENT, N... | B0 | Q2 | - | 24 | - | 2 |
| ARCH0316-1 | <i>Equipment 3 - acoustics</i> - Adolf SKOK | B0 | Q1 | 24 | - | - | 2 |
| Field of education and research (FER) : History, Theory, Social Sciences | | | | | | | |
| ARCH0323-1 | <i>Architecture Theory 2</i> - Maurizio COHEN | B0 | Q1 | 24 | - | - | 2 |
| ARCH0324-1 | <i>Architecture Theory 3</i> - Eric LE COGUEC | B0 | Q2 | 24 | - | - | 2 |
| Field of education and research (FER) : City, Territory, Landscape | | | | | | | |
| ARCH0254-1 | <i>Introduction to typomorphology</i> - Marijke MAES | B0 | Q2 | 12 | 12 | - | 2 |
| ARCH0354-1 | <i>Procedures regarding urban project</i> - Marc GOOSSENS | B0 | Q1 | 24 | - | - | 2 |
| ARCH0356-1 | <i>Public space planning</i> - Elisa BALDIN, Marc GOOSSENS, Rita OCCHIUTO, Sebastien OCHEJ, Virginie PIGEON | B0 | Q1 | - | 48 | - | 4 |
| ARCH0355-2 | <i>City and landscape</i> - Rita OCCHIUTO | B0 | Q2 | 24 | - | - | 2 |
| Field of education and research (FER): Study and Representation of Space and Form | | | | | | | |
| ARCH0235-1 | <i>Topography</i> - Pierre HALLOT | B0 | Q1 | 12 | 12 | - | 2 |
| Field of education and research (FER) : Architectural Project | | | | | | | |
| ARCH0341-1 | <i>Architecture projects 3</i> - Patrick DAVID, Daniel DELGOFFE, Anne DENGIS, Mario GARZANITI, Emeric MARCHAL, Sebastien OCHEJ, Andre ROUELLE, Pierre SCHINDFESSEL, Margarida SERRAO | B0 | TA | - | 256 | - | 20 |