

Two-Year Master Program (120 ECTS)

First Year

Compulsory courses

ARCH2007-2	<i>Environmental design of buildings in the context of sustainable development</i> - AnneFrançoise MARIQUE, Sigrid REITER - [2d FW, 40h Proj.]	Q1	15	30	[+]	4
ARCH0115-1	<i>Architecture workshops 4, Integrated conception</i> - Samia BEN RAJEB, Pierre LECLERCQ - [1d FW, 88h Proj.]	Q1	20	130	[+]	10
GCIV0201-2	<i>Choice and maximisation of construction materials</i> - Luc COURARD - [0,5d FW, 6h Labo., 8h Proj.]	Q1	34	20	[+]	5
ARCH0027-2	<i>Conservation and Restoration of Cultural Built Heritage</i> - Pierre PAQUET - [1d FW]	TA	30	-	[+]	3
DROI2222-3	<i>Notions of property law</i> - Pascale LECOCQ - Suppl : Sophie BOUFFLETTE	Q2	15	-	-	2
ARCH2009-1	<i>General aesthetics and its application to architecture</i> - Rudy STEINMETZ	Q2	45	15	-	6
ELEN0443-2	<i>Acoustics and lighting of buildings</i> - JeanJacques EMBRECHTS	Q2	30	40	-	6
ARCH0080-1	<i>Building physics and air conditioning</i> - Philippe ANDRE		30	30	-	6
ARCH2011-1	<i>Durable building construction techniques IV : Building renovation</i> - JeanMarie HAUGLUSTAINE - [2d FW]		15	15	[+]	3
GCIV2063-1	<i>Planning buildings, co-ordination and safety on building sites</i> - Sebastian KREUSCH, JeanMarie RIGO		15	15	-	2
ARCH2003-1	<i>Urban morphology and environmental integration</i> - Jacques TELLER - [65h Proj.]	Q2	30	30	[+]	5
ARCH0075-3	<i>Studio Digital Collaboratif</i> - Pierre LECLERCQ - [1d FW, 78h Proj.]	Q1	15	45	[+]	6
GCIV0165-1	<i>Wood Construction</i> - JeanMarc FRANSEN 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.	Q2	20	10	-	2

Second year

Compulsory courses

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

Choose one focus from the following :

Research Focus

Compulsory courses

ARCH0065-2	<i>Design Process Analysis</i> - Samia BEN RAJEB, Pierre LECLERCQ - [18h Proj.]	Q2	15	30	[+]	3
ARCH2017-3	<i>Design and public areas planning</i> - Philippe HANOCQ - [1d FW, 60h Proj.]	Q1	20	40	[+]	5

Study programmes 2014-2015

Faculty of Applied Sciences

Master in Architecture and Engineering

GCIV2052-1	<i>Transport and urban mobility</i> (english language) - Mario COOLS - [2d FW, 30h Proj.]	Q1	40	40	[+]	6
ARCH2019-1	<i>Engineering of urban moods</i> - Sigrid REITER - [12h Proj.]	Q1	8	30	[+]	2
ARCH2018-1	<i>Urban governance</i> - Jacques TELLER	Q1	20	-	-	2
SPOL2209-3	<i>Environmental and land policies</i> - Quentin MICHEL - Suppl : Sophie HANSON	Q1	30	-	-	2
ARCH0019-2	<i>Project Management II</i> - Shady ATTIA - [40h Proj.]	Q1	15	30	[+]	4
GCIV0133-9	<i>Maintenance, restoration and protection of buildings</i> - Luc COURARD - [0,5d FW]	Q1	32	8	[+]	3
ASTG9002-1	<i>Professional internship</i> - Shady ATTIA - [20d FW, 20h Proj.] A visit to a business (optional). 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.	TA	-	-	[+]	3

Professional focus in management

Notice : The specialisation in management will be taught for the last time in 2014-2015.

Compulsory courses

GEST3001-1	<i>People management and organisation</i> - Jocelyne ROBERT	Q1	24	24	-	4
GEST3002-1	<i>Human Resources</i> - Jocelyne ROBERT	Q1	24	-	-	2
GEST3003-1	<i>Competitive strategy in the marketplace</i> (english language) - Michael GHILISSEN	Q1	16	16	-	3
GEST3004-1	<i>Marketing (operations and management)</i> (english language) - Michael GHILISSEN	Q1	16	16	-	3
GEST3005-2	<i>Accountancy and Finance</i> - Jacques BERWART		24	24	-	4
GEST3006-1	<i>Operations and supply chain management I</i> (english language) - Yasemin ARDA	Q1	16	16	-	3
GSTG3001-1	<i>Business plan</i> - COLLÉGIALITÉ		-	30	-	4
GSTG3002-1	<i>Functional analysis of a company</i> - COLLÉGIALITÉ - [30h Internship]		-	-	[+]	4

Optional courses

Choose one of the following courses :

GEST3010-1	<i>Operations and supply chain management II</i> - Sabine LIMBOURG	Q1	16	16	-	3
GEST3011-2	<i>ICT for Business</i> - Alain DUBOIS	Q1	16	16	-	3
GEST3012-1	<i>Financial and actuarial modelling</i> - Louis ESCH	Q1	16	16	-	3