

Two-Year Master Program (120 ECTS)

Access conditions to the Master (http://www.ulg.ac.be/cms/c_46362/master-en-ingenieur-civil-architecte)

First Year

Compulsory courses

ARCH2007-2	<i>Environmental design of buildings in the context of sustainable development</i> - Sigrid REITER - [2d FW]	15	30	[+]	4
ARCH0115-1	<i>Architecture workshops III</i> - Jacques TELLER	20	70	-	9
GCIV0201-2	<i>Choice and maximisation of construction materials</i> - Luc COURARD - [1d FW]	30	30	[+]	6
ARCH2008-2	<i>Design and planning of urban areas.</i> - Sigrid REITER	15	30	-	4
GCIV2030-2	<i>Structural Design of Buildings</i> - Thibaut BROGNEAUX, Jean-Claude CORNESSE	15	30	-	4
ARCH0027-2	<i>Conservation and Restoration of Cultural Built Heritage</i> - Pierre PAQUET - [1d FW]	30	-	[+]	3
DROI2222-2	<i>Notions of property law</i> - Pascale LECOCQ	15	-	-	2
ARCH2009-1	<i>General aesthetics and its application to architecture</i> - Rudy STEINMETZ	45	15	-	6
ELEN0077-3	<i>Introduction to acoustics and lighting</i> - Jean-Jacques EMBRECHTS	30	15	-	4
ARCH2010-2	<i>Building physics</i> - Philippe ANDRE	30	15	-	4
ARCH2011-1	<i>Buildings construction techniques III</i> - Jean-Marie HAUGLUSTAINE - [2d FW]	15	15	[+]	3
GCIV0032-8	<i>Surveying</i> - Roland BILLEN	20	10	-	3
ARCH0075-3	<i>Studio Digital Collaboratif</i> - Pierre LECLERCQ - [1d FW]	15	45	[+]	6
GCIV0165-1	<i>Wood Construction</i> - Jean-Marc FRANSSSEN	20	10	-	2
Annual study trip : guided tours on architectural and urbanistic achievements (optional).					

Second year

Compulsory courses

ARCH0116-2	<i>Architectural workshops IV</i> - Jean-Claude CORNESSE - [1d FW]	30	60	[+]	7
ARCH0065-2	<i>Design Process Analysis</i> - Pierre LECLERCQ	15	30	-	3
ATFE0009-1	<i>Final Work / Final Architecture project (including an introduction to methodology and research)</i> - COLLÉGIALITÉ	-	-	-	20

Choose one focus from the following :

Research Focus

Optional courses

Choose one option from the following :

Urban Project and Transport

ARCH2014-1	<i>Urban and territorial development</i> - Philippe HANOCQ	30	-	-	3
ARCH2017-2	<i>Design and public areas planning</i> - Philippe HANOCQ	20	30	-	4
ARCH2018-1	<i>Urban governance</i> - Jacques TELLER	20	-	-	2
ARCH2019-1	<i>Engineering of urban moods</i> - Sigrid REITER	20	30	-	4
GCIV2052-1	<i>Techniques for analysing and developing integrated mobility and transport projects</i> - Charlemagne DANOË, Philippe HANOCQ	40	60	-	9
SPOL2209-8	<i>Environmental and land policies</i> - Quentin MICHEL	30	-	-	3

Choose one of the following courses :

ARCH2003-1	<i>Urban morphology and environmental integration</i> - Jacques TELLER	30	30	-	5
GCIV2049-1	<i>Geotechnical structures</i> - Robert CHARLIER, Frédéric COLLIN - [1d FW]	30	30	[+]	5

Architecture and Building Engineering

ELEN0443-1	<i>Acoustics and lighting of buildings</i> - Jean-Jacques EMBRECHTS	30	30	-	6
ARCH2015-1	<i>Air conditioning</i> - Philippe ANDRE	30	35	-	5
GCIV2042-2	<i>Designing buildings in high-risk areas</i> - Vincent DENOËL, André PLUMIER	16	8	-	3
GCIV2063-1	<i>Planning buildings, co-ordination and safety on building sites</i> - Jean-Marie RIGO	15	15	-	3
ARCH0019-2	<i>Project management II - N... - Suppl</i> : Sylvain KUBICKI - [2d FW]	15	15	[+]	4
ELEC0434-1	<i>Residential electric installations</i> - Jean-Louis LILIEN	15	15	-	3
GCIV0133-9	<i>Maintenance, restoration and protection of buildings</i> - Luc COURARD, André PLUMIER - [1d FW]	30	10	[+]	4
ARCH0059-1	<i>Pathology of buildings</i> - Jean-Marie HAUGLUSTAINE	15	-	-	2

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).

Professional focus in management

Compulsory courses

GEST3001-1	<i>People management and organisation</i> - Jocelyne ROBERT	24	24	-	4
GEST3002-1	<i>Human Resources</i> - Jocelyne ROBERT	24	-	-	2
GEST3003-1	<i>Competitive strategy in the marketplace</i> (english language) - Michael GHILISSEN	16	16	-	3
GEST3004-1	<i>Marketing (operations and management)</i> (english language) - Michael GHILISSEN	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> - Yasemin ARDA	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	16	16	-	3
GEST3011-2	<i>ICT for Business</i> - Alain DUBOIS	16	16	-	3
GEST3012-1	<i>Financial and actuarial modelling</i> - Louis ESCH	16	16	-	3