

Two-Year Master Program (120 ECTS)

Access conditions to the Master (http://www.ulg.ac.be/cms/c_922475/master-en-ingenieur-de-gestion)

First year (Provisional programme 2011-2012)

Compulsory courses

GEST0001-2	<i>Business Game</i> - Wilfried NIESSEN	30	-	-	2
DROI2351-1	<i>Social law</i> - Paul CRAHAY	18	-	-	3
STAT0800-1	<i>Models and Methods in Applied Statistics</i> (english language) - Cédric HEUCHENNE	30	-	-	5
GEST3045-1	<i>Project Management</i> (english language) - Stany REGOUT	30	-	-	5
MARK0781-2	<i>Strategic Marketing</i> (english language) - Céline BRANDT, Jean-Jack CEGARRA, Cécile DELCOURT, Henri GUTMAN, Jean TONDEUR	30	-	-	5
FINA0050-1	<i>Valuation and Capital Budgeting</i> (english language) - Alain SCHOCKERT, Danielle SOUGNÉ	30	-	-	5

Optional courses

Choose one of the following courses :

GRHO0003-4	<i>Managing change</i> - François PICHULT	30	-	-	5
GRHO0017-2	<i>Change Management</i> (english language) - Antonio GIANGRECO	30	-	-	5

Choose two courses out of the following :

MQGE0002-3	<i>Advanced Operations Research</i> (english language) - Yves CRAMA	30	-	-	5
GEST3046-1	<i>Business Process Management</i> (english language) - Alain DUBOIS	30	-	-	5
GEST3047-1	<i>Environmental management (eco-management)</i> - Joseph SMITZ	30	-	-	5
TECH0003-4	<i>Seminar on the Integration of Technologies</i> - Pierre DENEYE	30	-	-	5
TECH0004-4	<i>Industrial techniques in theory and practice</i> - Pierre DENEYE	30	-	-	5

Continuation of the choice of second language taken during the bachelors

Notice : Students for whom the Dutch or German course do not feature on their BAC programme have the possibility of replacing their second or third language by a beginners level Dutch or German course.

LANG0806-1	<i>German for management (L2) level 4</i> (german language) - Sylvia DEROOSE	30	-	-	3
LANG0807-3	<i>Spanish for Management (L2) Level 4</i> (spanish language) - Nicole GRUTMAN	30	-	-	3
LANG0808-1	<i>Italian for Management (L2) Level 4</i> (italian language) - Christine HANON	30	-	-	3
LANG0899-1	<i>Chinese for management (L2) level 4</i> - Ching Lin PANG	30	-	-	3
LANG0810-1	<i>Business Dutch (L2) level 4</i> (dutch language) - Doris DE LAET, ISLV	30	-	-	3
LANG0812-1	<i>Dutch for management (L2) Beginners</i> (dutch language) - Nicole ENGELEN	30	-	-	3
LANG0813-1	<i>German for management (L2) level beginners 1</i> (german language) - Marie MAWHIN	30	-	-	3

Continuation of the choice of third language taken during the bachelors :

LANG0814-1	<i>Intercultural Studies - Part I</i> (english language) - Ching Lin PANG	30	-	-	2
LANG0815-1	<i>German for management (L3) level 4</i> (german language) - Sylvia DEROOSE	30	-	-	2
LANG0816-1	<i>Spanish for Management (L3) Level 4</i> (spanish language) - Nicole GRUTMAN	30	-	-	2
LANG0817-1	<i>Italian for Management (L3) Level 4</i> (italian language) - Christine HANON	30	-	-	2
LANG0900-1	<i>Chinese for management (L3) level 4</i> (chinese language) - Ching Lin PANG	30	-	-	2
LANG0819-1	<i>Business Dutch (L3) level 4</i> (dutch language) - Doris DE LAET, ISLV	30	-	-	2
LANG0821-1	<i>Dutch for management (L3) beginner 1</i> (dutch language) - Nicole ENGELEN	30	-	-	2
LANG0822-1	<i>German for management (L3) level beginners 1</i> (german language) - Marie MAWHIN	30	-	-	2

Choose one option from the following :

Notice : each option given below is a prerequisite to access to the concerned focus, offered in 2nd year of Master.

Option "Supply Chain Management"

LOGI0012-1	<i>Logistics and transportation</i> (english language) - Sabine LIMBOURG	30	-	-	5
LOGI0013-1	<i>Operations planning</i> (english language) - Yasemin ARDA	30	-	-	5

Choose one of the following courses :

GEST3032-1	<i>eBusiness and eCommerce</i> (english language) - André BLAVIER, Michael SCHYNS	30	-	-	5
LOGI0014-1	<i>Sustainable supply chains</i> (english language) - Maud BAY	30	-	-	5

Option "Financial Engineering"

FINA0060-1	<i>Empirical Methods in Financial Markets</i> (english language) - Cédric HEUCHENNE	30	-	-	5
FINA0052-1	<i>Financial Derivatives</i> (english language) - Aline MULLER	30	-	-	5
FINA0053-1	<i>Investments and Portfolio Management</i> (english language) - Séverine PLUNUS	30	-	-	5

Option "Performance Management Systems"

FINA0011-2	<i>Audit</i> (english language) - Félix FANK, Henri OLIVIER	30	-	-	5
FINA0061-1	<i>Enterprise Modeling and IT</i> (english language) - Didier VAN CAILLIE	30	-	-	5
FINA0008-2	<i>Global Performance Management</i> (english language) - Didier VAN CAILLIE	30	-	-	5

Second year (Provisional programme for 2011-2012 and 2012-2013)

Upon the authorisation of the Doctoral College and with the prior agreement of the President of the jury, students will have the possibility of substituting a maximum of ten course credits from their programme with preparatory courses in doctoral research.

Compulsory courses

GEST1076-1	<i>Sustainable strategy in a multi-polar world</i> (english language) - Nathalie CRUTZEN, Thomas FROELICHER, Claire GRUSLIN	30	-	-	5
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Notice : The students enrolled in the professional focus in entrepreneurship are invited to attend the course GEST0215-2 "Growth strategy" (5 ECTS) instead of the course GEST1076-1 taught by Marc Beaujean and Marc Foidart.

GTFE0014-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	20
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Optional courses

Continuation of the choice of second language taken in the 1st year of the masters :

LANG0823-1	<i>German for management (L2) level 5</i> (german language) - Sylvia DEROOSE	30	-	-	3
LANG0824-1	<i>Spanish for Management (L2) Level 5</i> (spanish language) - Véronique PEIFFER	30	-	-	3
LANG0825-1	<i>Italian for Management (L2) Level 5</i> (italian language) - Christine HANON	30	-	-	3
LANG0827-1	<i>Business Dutch (L2) level 5</i> (dutch language) - Doris DE LAET	30	-	-	3
LANG0829-1	<i>Dutch for Management (L2) Beginner 2</i> (dutch language) - Nicole ENGELEN	30	-	-	3
LANG0830-1	<i>German for management (L2) level beginners 2</i> (german language) - Marie MAWHIN	30	-	-	3
LANG1959-1	<i>Chinese for Management (L2) level 5</i> - Ching Lin PANG	30	-	-	3

Follow-up to the language choice made in the 1st year of Master :

LANG0985-1	<i>Intercultural Studies - Part II</i> - Ching Lin PANG	30	-	-	2
LANG0831-1	<i>German for management (L3) level 5</i> (german language) - Sylvia DEROOSE	30	-	-	2
LANG0832-1	<i>Spanish for Management (L3) Level 4</i> (spanish language) - Véronique PEIFFER	30	-	-	2
LANG0833-1	<i>Italian for Management (L3) Level 5</i> (italian language) - Christine HANON	30	-	-	2
LANG1964-1	<i>Chinese for Management (L3) level 5</i> - Ching Lin PANG	30	-	-	2
LANG0835-1	<i>Business Dutch (L3) level 5</i> (dutch language) - Doris DE LAET	30	-	-	2
LANG0837-1	<i>Dutch for management (L3) beginner 2</i> (dutch language) - Nicole ENGELEN	30	-	-	2
LANG0838-1	<i>German for management (L3) level beginners 2</i> (german language) - Marie MAWHIN	30	-	-	2

Choose one focus from the following :

Professional focus in Supply Chain Management

Study programmes 2011-2012

HEC Management School - University of Liège

Master in Business engineering

Notice : focus open to students who have taken the "Supply Chain Management" option during the 1st year of Master.

Compulsory courses

LOGI0015-1	<i>ERP solutions for supply chains (english language)</i> - Yasemin ARDA, Michael SCHYNS	30	-	-	5
LOGI0016-1	<i>Quality and performance in operations management (english language)</i> - Yves CRAMA	30	-	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5
GSTG0016-1	<i>Placement</i> - COLLÉGIALITÉ	-	-	-	10

Optional courses

Choose one of the following courses :

LOGI0017-1	<i>Distribution management (english language)</i> - Sabine LIMBOURG	30	-	-	5
ECON2262-1	<i>Industrial organization (english language)</i> - Axel GAUTIER	30	-	-	5

Professional focus in Financial Engineering

Notice : focus open to students who have taken the "Financial Engineering" option during the 1st year of Master.

Compulsory courses

MQGE0007-1	<i>Financial Mathematics and Stochastic Calculus (english language)</i> - Louis ESCH	30	-	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5
GSTG0016-2	<i>Placement</i> - COLLÉGIALITÉ	-	-	-	10

Optional courses

Choose two courses out of the following :

DROI8026-1	<i>Law and Taxation of Financial Institutions</i> - Denis-Emmanuel PHILIPPE	24	-	-	5
FINA0062-1	<i>Financial Economics (english language)</i> - Georges HÜBNER, Danielle SOUGNÉ	30	-	-	5
FINA0063-1	<i>Financial Modeling and IT (english language)</i> - Laurent BODSON	30	-	-	5
FINA0064-1	<i>Financial Risk Modeling (english language)</i> - Aline MULLER, Jean-Philippe PETERS	30	-	-	5

Professional focus in Performance Management Systems

Notice : focus open to students who have taken the "Performance Management Systems" option during the 1st year of Master.

Compulsory courses

FINA0057-1	<i>Advanced taxation</i> - Michel DE WOLF	30	-	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5
GSTG0016-3	<i>Placement</i> - COLLÉGIALITÉ	-	-	-	10

Optional courses

Choose two courses out of the following :

FINA0065-1	<i>Advanced Corporate Finance and Modeling (english language)</i> - Marie LAMBERT	30	-	-	5
FINA0033-2	<i>Advanced Management Control (english language)</i> - Didier VAN CAILLIE	30	-	-	5
FINA0066-1	<i>Consolidation and IFRS (english language)</i> - Henri OLIVIER	30	-	-	5
FINA0059-1	<i>Multinational Financial Management (english language)</i> - Marie LAMBERT	30	-	-	5

Professional focus in Intrapreneurship

Notice : focus only available on file

Compulsory courses

Study programmes 2011-2012

HEC Management School - University of Liège

Master in Business engineering

GEST3049-1	<i>Strategic, organizational audit and information systems</i> - Olivier LISEIN	18	50	-	5
GEST3050-1	<i>Creativity and design</i> - Bernard SURLEMONT	18	50	-	5
GEST3051-1	<i>Project and personal development</i> - François PICHault	-	-	-	10
GEST3052-1	<i>Project management and human aspects of change</i> - Olivier LISEIN, François PICHault	18	50	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5

Professional focus in creative solutions development

This speciality will be available to students already holding the Masters in Engineering Management degree and who have been selected based on a fully supported application.

Notice : focus only available on file (cf.admission)

Compulsory courses

GEST3131-1	<i>Project management techniques</i> - N...	-	-	-	3
GEST3132-1	<i>Philosophy and development models</i> - N...	-	-	-	3
GEST3133-1	<i>Soft skills pour la gestion de projet</i> - N...	-	-	-	3
GEST3134-1	<i>Project management mission</i> - <i>Ideation and creativity</i> - N... - <i>Feasibility study</i> - N... - <i>Implementation plan</i> - N...	-	-	-	15
[...]	Depending on his project and with the approval of the person responsible for the professional focus, the student will choose courses totaling 6 ECTS from the following				

1st year (2012-2013 prospects)

Compulsory courses

DROI2352-1	<i>Droit fiscal</i>	30	-	-	5
STAT0800-1	<i>Models and Methods in Applied Statistics</i> (english language) - Cédric HEUCHENNE	30	-	-	5
GEST3045-1	<i>Project Management</i> (english language) - Stany REGOUT	30	-	-	5
MARK0781-2	<i>Strategic Marketing</i> (english language) - Céline BRANDT, Jean-Jack CEGARRA, Cécile DELCOURT, Henri GUTMAN, Jean TONDEUR	30	-	-	5
FINA0050-1	<i>Valuation and Capital Budgeting</i> (english language) - Alain SCHOCKERT, Danielle SOUGNÉ	30	-	-	5

Optional courses

Choose one of the following courses :

GRHO0003-4	<i>Managing change</i> - François PICHault	30	-	-	5
GRHO0017-2	<i>Change Management</i> (english language) - Antonio GIANGRECO	30	-	-	5

Choose two courses out of the following :

MQGE0002-3	<i>Advanced Operations Research</i> (english language) - Yves CRAMA	30	-	-	5
GEST3046-1	<i>Business Process Management</i> (english language) - Alain DUBOIS	30	-	-	5
GEST3047-1	<i>Environmental management (eco-management)</i> - Joseph SMITZ	30	-	-	5
TECH0003-4	<i>Seminar on the Integration of Technologies</i> - Pierre DENEYE	30	-	-	5
TECH0004-4	<i>Industrial techniques in theory and practice</i> - Pierre DENEYE	30	-	-	5

Choose one language course out of the following :

Notice : only students who have followed an "advance" level course in the Bachelor can replace this language by another "elementary" level language.

LANG1925-1	<i>German 4</i> - N...	30	-	-	5
LANG1926-1	<i>Advanced German 4</i> - N...	30	-	-	5
LANG1927-1	<i>Spanish 4</i> - N...	30	-	-	5
LANG1928-1	<i>Advanced Spanish 4</i> - N...	30	-	-	5
LANG1929-1	<i>Italian 4</i> - N...	30	-	-	5
LANG1930-1	<i>Advanced Italian 4</i> - N...	30	-	-	5
LANG1931-1	<i>Dutch 4</i> - N...	30	-	-	5

Study programmes 2011-2012

HEC Management School - University of Liège

Master in Business engineering

LANG1932-1	<i>Advanced Dutch 4 - N...</i>	30	-	-	5
LANG1933-1	<i>Elementary German 1 - N...</i>	30	-	-	5
LANG1934-1	<i>Elementary Spanish 1 - N...</i>	30	-	-	5
LANG1935-1	<i>Elementary Italian 1 - N...</i>	30	-	-	5
LANG1936-1	<i>Elementary Dutch 1 - N...</i>	30	-	-	5

Choose one option from the following :

Notice : each option given below is a prerequisite to access to the concerned focus, offered in 2nd year of Master.

Option "Supply Chain Management"

LOGI0012-1	<i>Logistics and transportation (english language) - Sabine LIMBOURG</i>	30	-	-	5
LOGI0013-1	<i>Operations planning (english language) - Yasemin ARDA</i>	30	-	-	5

Choose one of the following courses :

GEST3032-1	<i>eBusiness and eCommerce (english language) - André BLAVIER, Michael SCHYNS</i>	30	-	-	5
LOGI0014-1	<i>Sustainable supply chains (english language) - Maud BAY</i>	30	-	-	5

Option "Financial Engineering"

FINA0060-1	<i>Empirical Methods in Financial Markets (english language) - Cédric HEUCHENNE</i>	30	-	-	5
FINA0052-1	<i>Financial Derivatives (english language) - Aline MULLER</i>	30	-	-	5
FINA0053-1	<i>Investments and Portfolio Management (english language) - Séverine PLUNUS</i>	30	-	-	5

Option "Performance Management Systems"

FINA0011-2	<i>Audit (english language) - Félix FANK, Henri OLIVIER</i>	30	-	-	5
FINA0061-1	<i>Enterprise Modeling and IT (english language) - Didier VAN CAILLIE</i>	30	-	-	5
FINA0008-2	<i>Global Performance Management (english language) - Didier VAN CAILLIE</i>	30	-	-	5

Second year (2013-2014 prospects)

Compulsory courses

GEST1076-1	<i>Sustainable strategy in a multi-polar world (english language) - Nathalie CRUTZEN, Thomas FROEHLICHER, Claire GRUSLIN</i>	30	-	-	5
GTFE0014-1	<i>Final work - COLLÉGIALITÉ</i>	-	-	-	20

Optional courses

Follow-up to the language choice made in the 1st year of Master :

LANG1938-1	<i>German 5 - N...</i>	30	-	-	5
LANG1939-1	<i>Advanced German 5 - N...</i>	30	-	-	5
LANG1940-1	<i>Spanish 5 - N...</i>	30	-	-	5
LANG1941-1	<i>Advanced Spanish 5 - N...</i>	30	-	-	5
LANG1942-1	<i>Italian 5 - N...</i>	30	-	-	5
LANG1943-1	<i>Advanced Italian 5 - N...</i>	30	-	-	5
LANG1944-1	<i>Dutch 5 - N...</i>	30	-	-	5
LANG1950-1	<i>Advanced Dutch 5 - N...</i>	30	-	-	5
LANG1945-1	<i>Elementary German 2 - N...</i>	30	-	-	5
LANG1946-1	<i>Elementary Spanish 2 - N...</i>	30	-	-	5
LANG1947-1	<i>Elementary Italian 2 - N...</i>	30	-	-	5
LANG1948-1	<i>Elementary Dutch 2 - N...</i>	30	-	-	5

Choose one focus from the following :

Professional focus in Supply Chain Management

Notice : focus open to students who have taken the "Supply Chain Management" option during the 1st year of Master.

Compulsory courses

LOGI0015-1	<i>ERP solutions for supply chains</i> (english language) - Yasemin ARDA, Michael SCHYNS	30	-	-	5
LOGI0016-1	<i>Quality and performance in operations management</i> (english language) - Yves CRAMA	30	-	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5
GSTG0016-1	<i>Placement</i> - COLLÉGIALITÉ	-	-	-	10

Optional courses

Choose one of the following courses :

LOGI0017-1	<i>Distribution management</i> (english language) - Sabine LIMBOURG	30	-	-	5
ECON2262-1	<i>Industrial organization</i> (english language) - Axel GAUTIER	30	-	-	5

Professional focus in Financial Engineering

Notice : focus open to students who have taken the "Financial Engineering" option during the 1st year of Master.

Compulsory courses

MQGE0007-1	<i>Financial Mathematics and Stochastic Calculus</i> (english language) - Louis ESCH	30	-	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5
GSTG0016-2	<i>Placement</i> - COLLÉGIALITÉ	-	-	-	10

Optional courses

Choose two courses out of the following :

DROI8026-1	<i>Law and Taxation of Financial Institutions</i> - Denis-Emmanuel PHILIPPE	24	-	-	5
FINA0062-1	<i>Financial Economics</i> (english language) - Georges HÜBNER, Danielle SOUGNÉ	30	-	-	5
FINA0063-1	<i>Financial Modeling and IT</i> (english language) - Laurent BODSON	30	-	-	5
FINA0064-1	<i>Financial Risk Modeling</i> (english language) - Aline MULLER, Jean-Philippe PETERS	30	-	-	5

Professional focus in Performance Management Systems

Notice : focus open to students who have taken the "Performance Management Systems" option during the 1st year of Master.

Compulsory courses

FINA0057-1	<i>Advanced taxation</i> - Michel DE WOLF	30	-	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5
GSTG0016-3	<i>Placement</i> - COLLÉGIALITÉ	-	-	-	10

Optional courses

Choose two courses out of the following :

FINA0065-1	<i>Advanced Corporate Finance and Modeling</i> (english language) - Marie LAMBERT	30	-	-	5
FINA0033-2	<i>Advanced Management Control</i> (english language) - Didier VAN CAILLIE	30	-	-	5
FINA0066-1	<i>Consolidation and IFRS</i> (english language) - Henri OLIVIER	30	-	-	5
FINA0059-1	<i>Multinational Financial Management</i> (english language) - Marie LAMBERT	30	-	-	5

Professional focus in Intrapreneurship

Notice : focus only available on file

Compulsory courses

GEST3049-1	<i>Strategic, organizational audit and information systems</i> - Olivier LISEIN	18	50	-	5
GEST3050-1	<i>Creativity and design</i> - Bernard SURLEMONT	18	50	-	5
GEST3051-1	<i>Project and personal development</i> - François PICHAULT	-	-	-	10

GEST3052-1	<i>Project management and human aspects of change</i> - Olivier LISEIN, François PICHAULT	18	50	-	5
GEST3061-1	<i>Skills portfolio</i> - N...	-	-	-	5

Professional focus in creative solutions development

This speciality will be available to students already holding the Masters in Engineering Management degree and who have been selected based on a fully supported application.

Notice : focus only available on file (cf.admission)

Compulsory courses

GEST3131-1	<i>Project management techniques</i> - N...	-	-	-	3
GEST3132-1	<i>Philosophy and development models</i> - N...	-	-	-	3
GEST3133-1	<i>Soft skills pour la gestion de projet</i> - N...	-	-	-	3
GEST3134-1	<i>Project management mission</i>				15
	- <i>Ideation and creativity</i> - N...	-	-	-	
	- <i>Feasibility study</i> - N...	-	-	-	
	- <i>Implementation plan</i> - N...	-	-	-	
[...]	Depending on his project and with the approval of the person responsible for the professional focus, the student will choose courses totaling 6 ECTS from the following				