

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In frenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **YES**Activities on other sites : **optional**Main study domain : **Sciences économiques et de gestion**Organized by: **Louvain School of Management (LSM)**Programme acronym: **inge2m** - Francophone Certification Framework: 7**Table of contents**

Introduction	2
Teaching profile	3
- Learning outcomes	3
- Programme structure	3
- Detailed programme	6
- Programme by subject	6
- Course prerequisites	31
- The programme's courses and learning outcomes	31
Information	32
- Admission	32
- Supplementary classes	34
- Teaching method	35
- Evaluation	35
- Mobility and/or Internationalisation outlook	35
- Possible trainings at the end of the programme	36
- Contacts	36

INGE2M - Introduction

Introduction

Introduction

The Business Engineering master is a two-year management programme which is intended to strengthen the managerial abilities of students having a background in sciences (physics and chemistry) and technologies (energy, electronics and telecommunications, mechanical engineering and processes) in addition to their training in economics and management and quantitative methods.

The Louvain School of Management was classed 22nd in the world in the 2011 ranking of the Financial Times (and 1st in Belgium) for its master programme in Business Engineering.

Your Profile

- You wish to develop your skills in the management of technologies;
- you seek to develop concrete in-company experience and participate in the management of complex and innovative projects;
- you are looking for a high-quality education, based on solid scientific knowledge, in the area of high-tech industry and services;
- you are motivated by entrepreneurial drive and a desire to learn how to work effectively in a team;
- you wish to become a manager.

Your Future Job

Entrepreneurial ability, the capacity to transform initiatives into economic realities, to organise these activities and ensure their continuity, to find the necessary resources and adequately combine them: these are the skills that one expects from those wishing to assume responsibilities in the management of companies.

Our graduates can be found in the highest corporate management positions, as well as in consultancy, auditing, banking, industry (production and operations management) and environmental management.

Your Programme

During the course of this master, you will develop the skills necessary for mastering the complex and varied realities that companies encounter in the knowledge economy.

- You will learn to model and formalise management problems and situations;
- you will integrate the technological processes and master their application in the industrial world;
- you will strengthen your language skills by taking a part of the courses in English;
- you will be able to take a quarter of courses in one of the 130 partner universities;
- you will have the possibility to be selected to complete your programme with the degree of Master's in International Management (CEMS), an exclusive in Belgium;
- you will be able to have the opportunity to take the **Annual Block 2** abroad either within the framework of the IB (International Business) programme which provides for an exchange stay in a university partner and the performance of a 6-month traineeship in a company outside the European Union, or by applying for a double degree organised with our partner universities;
- you will be able to integrate the specialisation in "entrepreneurship" (CPME training) or that in environmental management;
- you will be able to expand your choice of options thanks to the offer in the areas of expertise on the two campuses of the LSM.

INGE2M - Teaching profile

Learning outcomes

1. A profile of the graduate

The Master in Business Engineering prepares the graduate to meet the challenge of **becoming a socially responsible and enterprising expert in management, incorporating technological and industrial aspects and innovation.**

The **Master in Business Engineering** is a programme that develops the skills and expertise necessary for the dialogue between management professions and science- and technology-oriented professions in public or private, commercial or non-commercial organisations. In addition to training in economics and management and quantitative methods, it aims to boost knowledge in science (physics and chemistry) and technologies (energy, electronics and telecommunications, mechanics and procedures).

At the end of this programme (including a required work placement in a company or research centre and an optional foreign exchange), the graduate will have developed the skills and knowhow that will allow him to master the complex and varied issues that businesses and industries encounter in managing knowledge, occupations, skills and processes at a strategic or logistical level. He will also be specialised in one or more areas of management:

- functional: human management, marketing, finance, accounting, operations and logistics, information systems and ICT, strategy and innovation, etc.
- or transversal: operational, tactical or strategic levels.

At the end of this programme, the graduate will be:

Responsible:

He is capable of implementing socially responsible management practices in any type of organisation.

An Expert:

- He will have acquired in-depth quantitative and methodological skills;
- He is capable of modelling and formulating management problems and situations in sectors that are highly technological and centred on innovation, among others, with a view to providing solutions and improvements;
- He is capable of assimilating technological processes and mastering their applications in the industrial and service setting.

Enterprising:

He is capable of grasping and comprehending the complex issues of the innovative sectors and mastering their management.

Aware of the responsibility inherent to his profession, the graduate will have acquired the mindset of a critical participant, capable of making decisions in organisational, technological and innovative environments while putting **ethical and socially responsible management values** at the centre of his concerns. He will have adopted an approach of continuous development that will allow him to be a professional demonstrating expertise, capable of adapting and evolving positively in his environment.

2. The competency framework

At the end of this programme, the graduate is capable of:

Introduction

The exit profile of the Master in Business Engineering graduate is specified by the LSM competency framework (www.lsmcompetencyframework.be) with in particular:

- an academic education centred on training in economics and management, quantitative methods, science (physics and chemistry) and technologies (energy, electronics and telecommunications, mechanics and procedures),
- priority given to the following skills:
 - Acting as a socially responsible participant,
 - Mastering knowledge,
 - Managing a project,
 - Innovating and taking action,
 - Applying a scientific approach.
- possibility of developing some of these skills in greater depth through his choice of options, tracks, thesis, work placement and exchange.

3. Research training

Students wishing to prepare for the completion of a Doctorate in Management or, more broadly, to learn the methods and domains in research, fundamental and applied, in management have the opportunity to follow the Specialized Focus. The Specialized Focus will develop the student's ability to:

- Identify and locate the different epistemological paradigms characterizing the research in management
- Master the specific methodological modelling approaches and/or empirical, qualitative/quantitative, and design a research platform

Programme structure

The 120 Master's degree in Business Engineering includes the following four elements:

- 1. Core subjects worth 30 credits**, including the master's thesis (20 credits) as well as an internship (10 credits) which can be linked (or not) to the master's thesis.
- 2. A professional focus worth 30 credits**, with in-depth study of the distinctive disciplines of the engineer: Performance Management, Data Analytics applied in Business, Technological and Quantitative Project,...
- 3. A major worth 30 credits**, spread over the two terms, enables the student to specialise in a domain e.g. Supply Chain Management, Financial Engineering, Quantitative Corporate Finance, Decision Marketing...
The student has access to the majors offered on the two sites of the Louvain School of Management : Louvain-la-Neuve and Mons. The courses of the majors are given during the six last weeks (Part 2) of each term.
- 4. An option and/or elective courses worth 30 credits**, done on exchange in one of the 145 partners universities of the Louvain School of Management or done at LSM if the student does not go on exchange in order to continue its specialisation by taking an option of 3 courses as well as LSM courses.

ANNUAL BLOCK 1				ANNUAL BLOCK 2			
TERM 1		TERM 2		TERM 1		TERM 2	
Part 1	Part 2	Part 1	Part 2	Part 1	Part 2	Part 1	Part 2
SEMINAR ON CURRENT MANAGERIAL ISSUES (3 credits)				EXCHANGE (optional)			
COURSES FOCUSED BUSINESS ENGINEERING	COURSES OF THE MAJOR	COURSES FOCUSED BUSINESS ENGINEERING	COURSES OF THE MAJOR	1 COURSE + 1 ELECTIVE COURSE + 1 LANGUAGE COURSE	OPTION	INTERNSHIP	
		SKILLS SEMINAR					
14 credits	15 credits	13 credits	15 credits	15 credits	15 credits	10 credits	
MASTER'S THESIS (20 credits)							

The LSM also provides students on the 120 hours Masters programmes four different areas of training which can be accessed after they have been selected:

CEMS Master's in International Management - CEMS MIM

The LSM is the **sole partner in Belgium** of this network which brought together the best European management schools and various partners from outside Europe. This elite programme is designed to train future leaders of multinational and global companies.

Inter-faculty programme on Creation of Small and Medium Enterprises - CPME

This programme brings together students from different faculties at UCL and provides them with the analytical tools to help them understand business processes, start or take on businesses of different kinds and to develop business projects within existing organisations.

International Business programme - IB

This programme is designed for students who wish to pursue an international career. Through a 4-5 month academic exchange in one of the 145 partners universities and a 6-month internship outside Europe in a company (multinational, SME, NGO,...), it promotes an open-minded approach, intercultural awareness, adaptability and pro-activity, all of which are vital for work in an international context.

Double degree - DD & DDD

By gaining 60 credits courses at LSM, approximatively 40 credits from one of the DD partner universities and a master's thesis worth 20 credits common to both institutions, students are awarded two Masters' degrees, one from the LSM and the other from the partner university:

- Aalto University (Helsinki, Finland)
- Universität zu Köln (Cologne, Germany)
- Norwegian School of Economics and Business Administration (Bergen, Norway)
- Universidade NOVA de Lisboa (Lisbon, Portugal)
- University of Economics Prague (Czech Republic)

- Vytautas Magnus University (Kaunas, Lithuania)
- KU Leuven (Leuven, Belgium)
- Instituto Superior Técnico - Technical University of Lisbon (Lisbon, Portugal)

A "Dedicated Double Degree", DDD focus on Environmental issues and Supply Chain Management, exclusively offered by LSM and NHH.

NOTE:

If you hold a second cycle university degree or a Bachelor degree equivalent to the Business Engineering degree (i.e. minimum 240 credits), you can **access directly the second year of the master 120 in Business Engineering**. This program will include, depending on the credits accorded, a **minimum of 60 and a maximum of 75 credits**.

For a programme-type, and regardless of the focus, options/or elective courses selected, this master will carry a minimum of 120 credits divided over two annual units, corresponding to 60 credits each.

> [Core courses](#) [en-prog-2018-inge2m-linge201t.html]

> [Professional focus](#) [en-prog-2018-inge2m-linge200s]

Options courses

- > **MAJORS** [en-prog-2018-inge2m-linge340r.html]
 - > Major Supply Chain Management (LLN) [en-prog-2018-inge2m-linge430o.html]
 - > Major Innovation Management (LLN) [en-prog-2018-inge2m-linge431o.html]
 - > Major International Finance (LLN) [en-prog-2018-inge2m-linge432o.html]
 - > Major Financial Engineering (LLN) [en-prog-2018-inge2m-linge433o.html]
 - > Major Marketing Strategy for Connected Brands (LLN) [en-prog-2018-inge2m-linge436o.html]
 - > Philippe de Woot Major in Corporate Sustainable Management (LLN) [en-prog-2018-inge2m-linge474o.html]
 - > Formation interdisciplinaire en création d'entreprise CPME (LLN) [en-prog-2018-inge2m-linge440o.html]
 - > Major International Business (LLN) [en-prog-2018-inge2m-linge441o.html]
 - > Major Business Analytics (Mons) [en-prog-2018-inge2m-linge434o.html]
 - > Major Financial Management (Mons) [en-prog-2018-inge2m-linge435o.html]
 - > Majeure Décisions marketing tactiques et digitales (Mons) [en-prog-2018-inge2m-linge437o.html]
 - > Major Business Analytics and Digital Marketing (Mons) [en-prog-2018-inge2m-linge438o.html]
 - > Majeure Transportation Management (Mons) and Supply Chain (Louvain-la-Neuve) [en-prog-2018-inge2m-linge439o.html]
- > **COURS LSM** (alternative à l'échange) [en-prog-2018-inge2m-linge452r.html]
 - > Corporate Strategy in the Knowledge Society [en-prog-2018-inge2m-linge570o.html]
 - > Compulsory language course [en-prog-2018-inge2m-linge571o.html]
 - > Cours au choix LSM [en-prog-2018-inge2m-linge586o.html]
- > **OPTIONS** (alternative à l'échange) [en-prog-2018-inge2m-linge572r.html]
 - > Option International Finance (LLN) [en-prog-2018-inge2m-linge574o.html]
 - > Option Financial Engineering (LLN) [en-prog-2018-inge2m-linge575o.html]
 - > Option Marketing Strategy for Connected Brands (LLN) [en-prog-2018-inge2m-linge576o.html]
 - > Option Corporate Sustainable Management (LLN) [en-prog-2018-inge2m-linge589o.html]
 - > Option Sourcing and Procurement (LLN) [en-prog-2018-inge2m-linge597o.html]
 - > Option Transport et logistique (Mons) [en-prog-2018-inge2m-linge578o.html]
 - > Option Entrepreneurship (Mons) [en-prog-2018-inge2m-linge579o.html]
 - > Option Immersion professionnelle en digital marketing (Mons) [en-prog-2018-inge2m-linge580o.html]
 - > Option Decision Marketing (Mons) [en-prog-2018-inge2m-linge596o.html]
 - > Option Financial Management (Mons) [en-prog-2018-inge2m-linge595o.html]
- > **EXCHANGE** [en-prog-2018-inge2m-linge455r.html]

Special programs

- > **CEMS Programme** [en-prog-2018-inge2m-linge300r.html]

INGE2M Detailed programme

Programme by subject

CORE COURSES [30.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

							Year	
							1	2
<input type="radio"/>	LLSMD2901	Final Master's Thesis			18 Credits	1 + 2q		x
<input type="radio"/>	LLSMD2094	Master's Thesis Seminar	Chantal de Moerloose	30h	2 Credits	1 + 2q		x

Internship (10 credits)

<input checked="" type="radio"/>	LLSMD2915	Internship with coaching		30h	10 Credits	2q		x
<input checked="" type="radio"/>	LLSMD2916	International Internship with coaching <i>Only for IB students</i>	Christophe Lejeune	30h	10 Credits	2q		x

Cours au choix (à la place du stage) pour les étudiants CPME (10 credits)

L'étudiant CPME qui ne souhaite pas faire de stage doit obligatoirement choisir 2 cours parmi la liste ci-dessous :

<input checked="" type="radio"/>	LLSMX2001	Regenerative Economy	Yves De Rongé Guibert del Marmol	30h	5 Credits	1q		x
<input checked="" type="radio"/>	LLSMS2014	Entrepreneurial Finance (in English)	Axel Funhoff Philippe Grégoire	30h	5 Credits	1q		x
<input checked="" type="radio"/>	LLSMS2080	International Entrepreneurship (in English) <i>Attention : Sélection des étudiants sur dossier</i>	Frank Janssen	30h+30h	5 Credits	2q		x
<input checked="" type="radio"/>	LLSMS2081	Strategic Management of Start ups (in English)	Bartholomeus Kamp Bryan Toney	30h+30h	5 Credits	2q		x
<input checked="" type="radio"/>	LCPME2005	Social and Sustainable Entrepreneurship	Frédéric Dufays	30h	5 Credits	2q		x
<input checked="" type="radio"/>	LFSA2212	Innovation classes <i>Attention : sélection des étudiants sur dossier</i>	Pierre Latteur Benoît Macq Jean-Pierre Raskin (compensates Pierre Latteur) Benoît Raucant	30h+15h	5 Credits	1q		x

PROFESSIONAL FOCUS [30.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

The professional focus worth 30 credits is based on advanced study of the various disciplines of business engineering : Performance Management, Data Analytics applied in Business, Technological and Quantitative Project. The professional focus courses are organised during the 6 first weeks of each term.

Year

1 2

○ LLSMS2220	Seminar on Current Managerial Issues	Olivier de Wasseige Pierre Semal Alain Vas	30h	3 Credits	1 + 2q	x	
○ LLSMF2018	Technological and Quantitative Project (incl. Project Management)	Dimitri de Smet d'Olbecke Paul Fiset Manuel Kolp Benoît Macq Bernard Nysten Bernard Paque Jean Raucent Pierre Semal	75h	10 Credits	1q	x	

○ Corporate Social Responsibility (4 credits)

Un cours parmi :

⊗ LLSMS2397	Corporate Social Responsibility	Sabine Denis	30h	4 Credits	1q	x	
⊗ LLSMS2098	Corporate Social Responsibility (Names from A to E)	Carlos Desmet Vincent Truyens	30h	4 Credits	1q	x	
⊗ LLSMS2099	Corporate Social Responsibility (Names from F to N)	Carlos Desmet Vincent Truyens	30h	4 Credits	1q	x	
⊗ LLSMS2398	Corporate Social Responsibility (Names from O to Z)	Carlos Desmet Vincent Truyens	30h	4 Credits	1q	x	

○ Seminar (3 credits)

Un cours parmi :

⊗ LLSMD2090	Seminar on Relational and Managerial Competences <i>Only for non-French speaking students</i>	Patrice Gobert Pierre Meurens	45h	3 Credits	2q	x	
⊗ LLSMD2091	Seminar on relational and managerial competences	Patrice Gobert Pierre Meurens	15h	3 Credits	2q	x	

○ Performance Management (5 credits)

un cours parmi :

⊗ LLSMF2016	Performance Management (Names from A to K)	Kim Adamsen Gerrit Sarens Vincent Vanderborght	30h	5 Credits	2q	x	x
⊗ LLSMF2026	Performance Management (Names from L to Z)	Kim Adamsen Gerrit Sarens Vincent Vanderborght	30h	5 Credits	2q	x	x

○ Data Analytics applied in Business (5 credits)

⊗ LLSMF2013	Data Analytics applied in Business (Names from A to K)	Manuel Kolp Marco Saerens	30h	5 Credits	2q	x	
⊗ LLSMF2014	Data Analytics applied in Business (Names from L to Z)	Manuel Kolp Marco Saerens	30h	5 Credits	2q	x	

OPTIONS

Annual Block 1: obligation to follow **a major** to be chosen among the list here below.

Annual Block 2: obligation to follow **an option and 3 courses** (if the student does not go on exchange); please check the offer here below.

MAJORS

- > Major Supply Chain Management (LLN) [en-prog-2018-inge2m-linge430o]
- > Major Innovation Management (LLN) [en-prog-2018-inge2m-linge431o]
- > Major International Finance (LLN) [en-prog-2018-inge2m-linge432o]
- > Major Financial Engineering (LLN) [en-prog-2018-inge2m-linge433o]
- > Major Marketing Strategy for Connected Brands (LLN) [en-prog-2018-inge2m-linge436o]
- > Philippe de Woot Major in Corporate Sustainable Management (LLN) [en-prog-2018-inge2m-linge474o]
- > Formation interdisciplinaire en création d'entreprise CPME (LLN) [en-prog-2018-inge2m-linge440o]
- > Major International Business (LLN) [en-prog-2018-inge2m-linge441o]
- > Major Business Analytics (Mons) [en-prog-2018-inge2m-linge434o]
- > Major Financial Management (Mons) [en-prog-2018-inge2m-linge435o]
- > Majeure Décisions marketing tactiques et digitales (Mons) [en-prog-2018-inge2m-linge437o]
- > Major Business Analytics and Digital Marketing (Mons) [en-prog-2018-inge2m-linge438o]
- > Majeure Transportation Management (Mons) and Supply Chain (Louvain-la-Neuve) [en-prog-2018-inge2m-linge439o]

COURS LSM (alternative à l'échange)

- > Corporate Strategy in the Knowledge Society [en-prog-2018-inge2m-linge570o]
- > Compulsory language course [en-prog-2018-inge2m-linge571o]
- > Cours au choix LSM [en-prog-2018-inge2m-linge586o]

OPTIONS (alternative à l'échange)

- > Option International Finance (LLN) [en-prog-2018-inge2m-linge574o]
- > Option Financial Engineering (LLN) [en-prog-2018-inge2m-linge575o]
- > Option Marketing Strategy for Connected Brands (LLN) [en-prog-2018-inge2m-linge576o]
- > Option Corporate Sustainable Management (LLN) [en-prog-2018-inge2m-linge589o]
- > Option Sourcing and Procurement (LLN) [en-prog-2018-inge2m-linge597o]
- > Option Transport et logistique (Mons) [en-prog-2018-inge2m-linge578o]
- > Option Entrepreneurship (Mons) [en-prog-2018-inge2m-linge579o]
- > Option Immersion professionnelle en digital marketing (Mons) [en-prog-2018-inge2m-linge580o]
- > Option Decision Marketing (Mons) [en-prog-2018-inge2m-linge596o]
- > Option Financial Management (Mons) [en-prog-2018-inge2m-linge595o]

EXCHANGE**MAJORS [30.0]**

The major courses are organised during the 6 last weeks of each semester.

MAJOR SUPPLY CHAIN MANAGEMENT (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2030	Supply Chain Management (in English)	Pierre Semal	30h	5 Credits	1q	x
● LLSMS2031	Tools for Supply Chain Management Decisions (in English)	Daniele Catanzaro Mathieu Van Vyve	30h	5 Credits	1q	x

Year

1 2

○ LLSMS2035	Supply Chain Coordination and Sourcing (in English)	Per Joakim Agrell	30h	5 Credits	1q	x	
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o Term 2

○ LLSMS2032	Advanced Operations Management : Models and Applications (in English)	Philippe Chevalier Olivier Corluy	30h	5 Credits	2q	x	
○ LLSMS2033	International Supply Chain Management	Per Joakim Agrell Philippe Chevalier	30h	5 Credits	2q	x	
○ LLSMS2034	Supply Chain Planning (in English)	Marc Foret Mathieu Van Vyve	30h	5 Credits	2q	x	

MAJOR INNOVATION MANAGEMENT (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2040	Innovation Management (in English)	Benoît Gailly	30h	5 Credits	1q	x	
● LLSMS2041	Economics of Innovation (in English)	Paul Belleflamme	30h	5 Credits	1q	x	
● LLSMS2042	Developing Innovative Ventures (in English)	Benoît Gailly	30h	5 Credits	1q	x	

o Term 2

● LLSMF2011	Knowledge Management (in English)	Françoise de Viron Manuel Kolp Bernard Paque	30h	5 Credits	2q	x	
● LLSMS2043	Innovation Policy and Ecosystems	Benoît Gailly	30h	5 Credits	2q	x	
● LLSMS2374	Economics of the Internet (in English)	Paul Belleflamme	30h	5 Credits	2q	x	

⊗ Cours "bonus" (5 credits)*It is possible to take this extra course in addition to the 6 courses of the innovation major.*

⊗ LLSMS2080	International Entrepreneurship (in English) <i>Attention : sélection des étudiants sur dossier</i>	Frank Janssen	30h+30h	5 Credits	2q	x	
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MAJOR INTERNATIONAL FINANCE (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2027	Financial Innovation	Bertrand Candelon Yue Zhang	30h	5 Credits	1q	x	x
● LLSMS2054	International Finance	Bertrand Candelon	30h	5 Credits	1q	x	x
● LLSMS2223	Principles of banking and finance	Tom Dechaene Marco Valerio Geraci Leonardo Iania	30h	5 Credits	1q	x	x

o Term 2

● LLSMS2029	International financial management	Denis Knaepen	30h	5 Credits	2q	x	x
● LLSMS2128	Central banking, financial regulation, supervision	Luc Henrard	30h	5 Credits	2q	x	x
● LLSMS2140	International corporate finance	Yue Zhang	30h	5 Credits	2q	x	x

MAJOR FINANCIAL ENGINEERING (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2224	Forecasting	Eric Ghysels	30h	5 Credits	1q	x	
● LLSMS2225	Derivatives pricing	Frédéric Vrins	30h	5 Credits	1q	x	
● LLSMS2013	Investments (in English)	Jean-Yves Gnabo Leonardo Iania Anh Nguyen	30h	5 Credits	1q	x	

o Term 2

● LLSMS2012	Macro Finance	Leonardo Iania Konstantijn Maes	30h	5 Credits	2q	x	
● LLSMS2226	Credit and interest rate risk	Frédéric Vrins	30h	5 Credits	2q	x	
● LLSMS2138	Big data in finance	Eric Ghysels	30h	5 Credits	2q	x	

MAJOR MARKETING STRATEGY FOR CONNECTED BRANDS (LLN)**[30.0]**

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2000	Marketing Research	Nadia Steils Valérie Swaen	30h	5 Credits	1q	x	
● LLSMS2002	International Marketing	Thierry Jupsin	30h	5 Credits	1q	x	
● LLSMS2007	New Business Models and E-commerce	Paul Belleflamme Olivier de Broqueville	30h	5 Credits	1q	x	

o Term 2

● LLSMS2003	Brand Management (in English)	Isabelle Schuiling	30h	5 Credits	2q	x	
● LLSMS2004	Big Data/Data Mining Applied to Marketing	Ludovic Chevalier	30h	5 Credits	2q	x	
● LLSMS2006	On-line and Off-line Communication Strategies	Karine Charry	30h	5 Credits	2q	x	

PHILIPPE DE WOOT MAJOR IN CORPORATE SUSTAINABLE MANAGEMENT (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	30h	5 Credits	1q	x	
● LLSMS2281	Sustainable Management and Value Chains	Carsten Reuter	30h	5 Credits	1q	x	
● LLSMS2282	Finance and Responsible Investment Practices	Christel Dumas Leonardo Iania Anh Nguyen	30h	5 Credits	1q	x	

o Term 2

● LLSMS2283	Sustainable Human Resource Management and Leadership	Ina Aust-Gronarz Dominique Dussard Corentin Hericher Emmanuel Mossay	30h	5 Credits	2q	x	
● LLSMS2284	Corporate Sustainability Reporting and Marketing Strategy	Yves De Rongé Valérie Swaen	30h	5 Credits	2q	x	
● LCPME2005	Social and Sustainable Entrepreneurship	Frédéric Dufays	30h	5 Credits	2q	x	

FORMATION INTERDISCIPLINAIRE EN CRÉATION D'ENTREPRISE CPME (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LCPME2001	Entrepreneurship Theory (in French)	Frank Janssen	30h+20h	5 Credits	1q	x	
● LCPME2002	Managerial, legal and economic aspects of the creation of a company (in French)	Yves De Cordt Marine Falize	30h+15h	5 Credits	1q	x	

o Cours au choix CPME (5 credits)

Un cours parmi :

⊗ LLSMX2001	Regenerative Economy	Yves De Rongé Guibert del Marmol	30h	5 Credits	1q	x	
⊗ LLSMS2014	Entrepreneurial Finance (in English)	Axel Funhoff Philippe Grégoire	30h	5 Credits	1q	x	

o Term 2

● LCPME2003	Business plan of the creation of a company (in French) <i>test</i>	Julie Hermans Frank Janssen	30h+15h	5 Credits	2q		x
● LCPME2004	Advanced seminar on Entrepreneurship (in French)	Roxane De Hoe Frank Janssen	30h+15h	5 Credits	2q		x

o Cours au choix CPME (5 credits)

1 cours parmi :

⊗ LLSMS2080	International Entrepreneurship (in English) <i>Attention : sélection des étudiants sur dossier</i>	Frank Janssen	30h+30h	5 Credits	2q		x
⊗ LLSMS2081	Strategic Management of Start ups (in English)	Bartholomeus Kamp Bryan Toney	30h+30h	5 Credits	2q		x
⊗ LCPME2005	Social and Sustainable Entrepreneurship	Frédéric Dufays	30h	5 Credits	2q		x
⊗ LSST1001	IngénieuxSud	Jean-Pierre Raskin	15h+45h	5 Credits	1 + 2q		x

MAJOR INTERNATIONAL BUSINESS (LLN) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● LLSMS2014	Entrepreneurial Finance (in English)	Axel Funhoff Philippe Grégoire	30h	5 Credits	1q	x	
● LLSMS2108	International Financial Management (in English)	Pascal Hubinont	30h	5 Credits	1q	x	
● LLSMS2002	International Marketing	Thierry Jupsin	30h	5 Credits	1q	x	

o Term 2 (15 credits)

● LLSMS2063	Industrial Relations in Europe (in English)	Maria Jepsen Evelyne Léonard Philippe Pochet	30h	5 Credits	2q	x	
● LLSMS2065	Cross Cultural Competences and Management (in English)	Ina Aust-Gronarz	30h	5 Credits	2q	x	
● LLSMS2114	Entrepreneurship (CEMS)	Julie Hermans Frank Janssen	30h	5 Credits	2q	x	

MAJOR BUSINESS ANALYTICS (MONS) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● MLSMM2152	Nouvelles technologies et pratiques émergentes	Bart Jourquin	30h	5 Credits	1q	x	
● MLSMM2151	Data Mining	Nadine Meskens	30h	5 Credits	1q	x	
● MLSMM2153	Web Mining	François Fouss Pascal Francq	30h	5 Credits	1q	x	

o Term 2

● MLSMM2154	Machine Learning	Bertrand Lebichot	30h	5 Credits	2q	x	
● MLSMM2155	Quantitative Decision Making	Daniele Catanzaro Mehdi Madani	30h	5 Credits	2q	x	
● MLSMM2156	Systèmes de recommandation	Felix Sommer	30h	5 Credits	2q	x	

MAJOR FINANCIAL MANAGEMENT (MONS) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● MLSMM2121	Derivative Securities	Isabelle Platten	30h	5 Credits	1q	x	
● MLSMM2122	Equity Valuation	Mikael Petitjean Xavier Suin	30h	5 Credits	1q	x	
● MLSMM2123	Fixed Income Analysis	Anh Nguyen Isabelle Platten Frédéric Vrins	30h	5 Credits	1q	x	

o Term 2

● MLSMM2125	Portfolio Management	Catherine D'Hondt	30h	5 Credits	2q	x	
● MLSMM2126	Risk Management and Financial Institutions	Isabelle Platten Pascal Van Wynendaele	30h	5 Credits	2q	x	
● MLSMM2124	Behavioural Finance	Rudy De Winne	30h	5 Credits	2q	x	

MAJEURE DÉCISIONS MARKETING TACTIQUES ET DIGITALES (MONS) [30.0]

○ Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

○ Term 1

○ MLSMM2131	Distribution	Caroline Ducarroz Nadia Sinigaglia	30h	5 Credits	1q	x	
○ MLSMM2132	Price Management	Caroline Ducarroz Nadia Sinigaglia	30h	5 Credits	1q	x	
○ MLSMM2133	Product and Innovation	Nadia Sinigaglia	30h	5 Credits	1q	x	

○ Term 2

○ MLSMM2134	E-comportement du consommateur	Karine Charry	30h	5 Credits	2q	x	
○ MLSMM2136	Tendances en Digital Marketing	Ingrid Poncin	30h	5 Credits	2q	x	
○ MLSMM2135	Méthodes et modèles en marketing	Caroline Ducarroz	30h	5 Credits	2q	x	

MAJOR BUSINESS ANALYTICS AND DIGITAL MARKETING (MONS)**[30.0]**

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● MLSMM2152	Nouvelles technologies et pratiques émergentes	Bart Jourquin	30h	5 Credits	1q	x	
● MLSMM2151	Data Mining	Nadine Meskens	30h	5 Credits	1q	x	
● MLSMM2153	Web Mining	François Fouss Pascal Francq	30h	5 Credits	1q	x	

o Term 2

● MLSMM2134	E-comportement du consommateur	Karine Charry	30h	5 Credits	2q	x	
● MLSMM2136	Tendances en Digital Marketing	Ingrid Poncin	30h	5 Credits	2q	x	
● MLSMM2135	Méthodes et modèles en marketing	Caroline Ducarroz	30h	5 Credits	2q	x	

MAJEURE TRANSPORTATION MANAGEMENT (MONS) AND SUPPLY CHAIN (LOUVAIN-LA-NEUVE) [30.0]

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Term 1

● MLSMM2251	Modélisation des systèmes de transport	Bart Jourquin	30h	5 Credits	1q	x	
● MLSMM2252	Supply Chain Management	Jean-Sébastien Tancrez	30h	5 Credits	1q	x	
● MLSMM2253	Transport and mobility	Bart Jourquin	30h	5 Credits	1q	x	

o Term 2

● LLSMS2032	Advanced Operations Management : Models and Applications (in English)	Philippe Chevalier Olivier Corluy	30h	5 Credits	2q	x	
● LLSMS2033	International Supply Chain Management	Per Joakim Agrell Philippe Chevalier	30h	5 Credits	2q	x	
● LLSMS2034	Supply Chain Planning (in English)	Marc Foret Mathieu Van Vyve	30h	5 Credits	2q	x	

COURS LSM (ALTERNATIVE À L'ÉCHANGE) [15.0]

Les étudiants qui ne partent pas en échange devront s'inscrire au cours de Corporate strategy in the knowledge society (5 crédits), à un cours de langue obligatoire (5 crédits), à un cours parmi la liste de cours au choix (5 crédits) ainsi qu'à une option (15 crédits).

CORPORATE STRATEGY IN THE KNOWLEDGE SOCIETY [5.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019

- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input checked="" type="radio"/> LLSMF2015	Corporate Strategy in the Knowledge Society (Names from A to K)	Régis Coeurderoy Nicolas Neysen Bernard Paque Alain Vas	30h	5 Credits	1q		x
<input checked="" type="radio"/> LLSMF2025	Corporate Strategy in the Knowledge Society (names L-Z)	Régis Coeurderoy Nicolas Neysen Bernard Paque Alain Vas	30h	5 Credits	1q		x

COMPULSORY LANGUAGE COURSE [5.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019

- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2

⌘ English courses (5 credits)

One course to choose from among the list below. Please check the course schedule before making a choice.

<input checked="" type="radio"/> LANGL1700L	Advanced English - L <i>4 groups of max. 25 students/group (see ILV for details and registration)</i>	Nicholas Gibbs Katherine Opello (coord.)	30h	5 Credits	1q		x
<input checked="" type="radio"/> LMULT2223	Reading comprehension and vocabulary extension: economic and commercial texts in English	Sylvie De Cock	22.5h	5 Credits	1q		x
<input checked="" type="radio"/> LMULT2421	Economic, legal, social and political issues in English-speaking countries <i>Compulsory attendance, limited access (max. 15 students)</i>	Paul Arblaster	30h+15h	5 Credits	1q		x
<input checked="" type="radio"/> LMULT2424	Oral business communication techniques in English (Part 1) <i>Compulsory attendance, limited access (max. 15 students)</i>	Sylvie De Cock	15h+15h	5 Credits	1q		x

⌘ Dutch Courses (5 credits)

One course to choose from among the list below. Please check the course schedule before making a choice.

<input checked="" type="radio"/> LMULT2233	Reading comprehension and vocabulary extension: economic and commercial texts in Dutch	Marlène Vrancx	22.5h	5 Credits	1q		x
<input checked="" type="radio"/> LMULT2431	Economic, legal, social and political issues in Dutch-speaking countries	Philippe Hilgsmann	30h+15h	5 Credits	1q		x
<input checked="" type="radio"/> LMULT2434	Oral business communication techniques in Dutch (Part 1)	Anne Goedgezelschap	15h+15h	5 Credits	1q		x
<input checked="" type="radio"/> LNEER2602	Seminar of professional integration: Dutch - advanced level	Isabelle Demeulenaere (coord.) Sara Jonkers	30h	5 Credits			x
<input checked="" type="radio"/> LKUL2094	Belasting op de toegevoegde waarde (B-KUL-C05B1A)		39h	5 Credits	1q		x
<input checked="" type="radio"/> LKUL2095	Arbeidsrecht en onderneming (B-KUL-C08I7A)		39h	5 Credits	1q		x

						Year	
						1	2
⌘ LKUL2096	Vennootschapsbelasting (B-KUL-C05B0A)		39h	5 Credits	1q		x
⌘ LKUL2098	Management van personeelsstromen (B-KUL-D0R25A)		39h	5 Credits	1q		x
⌘ LKUL2099	Business analyse (NL) (B-KUL-D0I68A)		40h	5 Credits	1q		x

⌘ German Courses (5 credits)

One course to choose from among the list below. Please check the course schedule before making a choice.

⌘ LMULT2213	Reading comprehension and vocabulary extension: economic and commercial texts in German	Marie-Luce Collard	22.5h	5 Credits	1q		x
⌘ LMULT2411	Economic, legal, social and political issues in German-speaking countries <i>Compulsory attendance. Limited access (max. 5 students)</i>	Dany Etienne	30h+15h	5 Credits	1q		x
⌘ LMULT2414	Oral business communication techniques in German 1 <i>Compulsory attendance. Limited access (max. 5 students)</i>	Hedwig Reuter	15h+15h	5 Credits	1q		x
⌘ LALLE2710	Listening comprehension and oral expression: specialised German oral exercises - Part 1 <i>Limited access (see ILV)</i>	Ann Rinder (coord.)	30h	5 Credits	1q		x

⌘ Spanish Courses (5 credits)

One course to choose from among the list below. Please check the course schedule before making a choice.

⌘ LESPA2600	Vocational Induction Seminar - Spanish (B2.2/C1) <i>Limited access (max. 7 students). Please contact the professor in order to check your language level.</i>	Paula Lorente Fernandez (coord.)	30h	5 Credits	1q		x
⌘ LESPA2601	Vocational Induction Seminar - Spanish (B2.2/C1) <i>Limited access (max. 7 students). Please contact the professor in order to check your language level.</i>	Paula Lorente Fernandez (coord.)	30h	5 Credits	1q		x
⌘ LESPA1500	Spanish Advanced level (B1.2, B2.1) <i>Limited access (max. 10 students). Please contact the professor in order to check your language level.</i>	Alicia María Tirado Fernandez Carmen Vallejo Villamor (coord.)	45h	5 Credits	1q		x

⌘ French Courses (5 credits)

One course to choose from among the list below. Please check the course schedule before making a choice.

⌘ LFRAN1405	French - Upper Intermediate Level (B2) - Le français, langue universitaire <i>Limited access (see ILV)</i>	Emmanuelle Rassart (coord.)	30h	5 Credits	1q		x
⌘ LFRAN1505	French - Advanced level (C1) - "Professional Communication Strategies" <i>Limited access (see ILV)</i>	Françoise Masuy (coord.) Emmanuelle Rassart	30h	5 Credits	1 ou 2q Δ		x

COURS AU CHOIX LSM [5.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="checkbox"/>	LLSMF2009	Taxation (in French)	Marcel Gérard Marie Lamensch	30h	5 Credits	1q	x
<input type="checkbox"/>	LLSMS2090	Risk Management, Internal Control and Auditing	Loïc Decaux Gerrit Sarens	30h	5 Credits	1q	x
<input type="checkbox"/>	LLSMX2001	Regenerative Economy	Yves De Rongé Guibert del Marmol	30h	5 Credits	1q	x

OPTIONS (ALTERNATIVE À L'ÉCHANGE) [15.0]

Les étudiants qui ne partent pas en échange devront s'inscrire à une option (15 crédits) ainsi qu'au cours de Corporate strategy in the knowledge society (5 crédits), à un cours de langue obligatoire (5 crédits) et à un cours parmi la liste de cours au choix (5 crédits).

OPTION INTERNATIONAL FINANCE (LLN) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/>	LLSMS2054	International Finance	Bertrand Candelon	30h	5 Credits	1q	x
<input type="radio"/>	LLSMS2027	Financial Innovation	Bertrand Candelon Yue Zhang	30h	5 Credits	1q	x
<input type="radio"/>	LLSMS2223	Principles of banking and finance	Tom Dechaene Marco Valerio Geraci Leonardo Iania	30h	5 Credits	1q	x

OPTION FINANCIAL ENGINEERING (LLN) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/>	LLSMS2224	Forecasting	Eric Ghysels	30h	5 Credits	1q	x
<input type="radio"/>	LLSMS2225	Derivatives pricing	Frédéric Vrins	30h	5 Credits	1q	x
<input type="radio"/>	LLSMS2013	Investments (in English)	Jean-Yves Gnabo Leonardo Iania Anh Nguyen	30h	5 Credits	1q	x

OPTION MARKETING STRATEGY FOR CONNECTED BRANDS (LLN)**[15.0]**

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> LLSMS2000	Marketing Research	Nadia Steils Valérie Swaen	30h	5 Credits	1q		x
<input type="radio"/> LLSMS2002	International Marketing	Thierry Jupsin	30h	5 Credits	1q		x
<input type="radio"/> LLSMS2007	New Business Models and E-commerce	Paul Belleflamme Olivier de Broqueville	30h	5 Credits	1q		x

OPTION CORPORATE SUSTAINABLE MANAGEMENT (LLN) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	30h	5 Credits	1q		x
<input type="radio"/> LLSMS2281	Sustainable Management and Value Chains	Carsten Reuter	30h	5 Credits	1q		x
<input type="radio"/> LLSMS2282	Finance and Responsible Investment Practices	Christel Dumas Leonardo Iania Anh Nguyen	30h	5 Credits	1q		x

OPTION SOURCING AND PROCUREMENT (LLN) [30.0]

The Kronos Group Chair "Strategic Sourcing and Procurement" is the fruit of a collaboration between Kronos Group and Louvain School of Management.

The objective of the Chair is to promote research and education in the sourcing and procurement domain, contributing to fostering the profession to continue its transformation into a value creating and strategic profession.

The research in the Chair aims at empirical, economic and strategic studies of procurement under transformation, in particular the innovative, ethical and environmental dimensions of the area.

For more information + hyperlien <https://uclouvain.be/en/research-institutes/lidam/core/kronos-chair-in-sourcing-and-procurement.html>

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> LLSMS2036	Supply Chain Procurement	Per Joakim Agrell Constantin Blome	30h	5 Credits	1q		x
<input type="radio"/> LLSMS2037	Sourcing Strategy	Constantin Blome Michael Henke	30h	5 Credits	1q		x
<input type="radio"/> LLSMS2038	Procurement Organisation and Scope	Constantin Blome Antony Paulraj	30h	5 Credits	1q		x

OPTION TRANSPORT ET LOGISTIQUE (MONS) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019

- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> MLSMM2253	Transport and mobility	Bart Jourquin	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2252	Supply Chain Management	Jean-Sébastien Tancrez	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2251	Modélisation des systèmes de transport	Bart Jourquin	30h	5 Credits	1q		x

OPTION ENTREPRENEURSHIP (MONS) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019

- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> MLSMM2263	Savoir entreprendre	Amélie Jacquemin	30h	5 Credits	1q		x
<input type="radio"/> MHELH2262	Entrepreneuriat technologique	Karl Colin Julie Hermans	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2261	Entrepreneuriat collectif	Julie Hermans	30h	5 Credits	1q		x

OPTION IMMERSION PROFESSIONNELLE EN DIGITAL MARKETING (MONS) [25.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019

- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> MLSMM2231	Digital Data Analysis <i>Cette activité se déroule au second quadrimestre en parallèle de MLSMM2233 Immersion professionnelle 2 - mise en oeuvre.</i>	Marco Ongaro	30h	5 Credits	2q		x
<input type="radio"/> MLSMM2232	Immersion professionnelle 1 - diagnostic	Karine Charry Ingrid Poncin	30h	10 Credits	1q		x
<input type="radio"/> MLSMM2233	Immersion professionnelle 2 - mise en oeuvre <i>Cette activité remplace le stage obligatoire de Master pour l'étudiant inscrit à cette option.</i>	Karine Charry Ingrid Poncin	30h	10 Credits	2q		x

OPTION DECISION MARKETING (MONS) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> MLSMM2131	Distribution	Caroline Ducarroz Nadia Sinigaglia	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2132	Price Management	Caroline Ducarroz Nadia Sinigaglia	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2133	Product and Innovation	Nadia Sinigaglia	30h	5 Credits	1q		x

OPTION FINANCIAL MANAGEMENT (MONS) [15.0]

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
<input type="radio"/> MLSMM2121	Derivative Securities	Isabelle Platten	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2122	Equity Valuation	Mikael Petitjean Xavier Suin	30h	5 Credits	1q		x
<input type="radio"/> MLSMM2123	Fixed Income Analysis	Anh Nguyen Isabelle Platten Frédéric Vrins	30h	5 Credits	1q		x

EXCHANGE [30.0]

Les étudiants qui partent en échange doivent s'inscrire à leurs cours (minimum 30 crédits) via Mobi. Informations sur les échanges : <https://uclouvain.be/en/faculties/lsm/erasmus-other-exchanges.html>

Alternatives

Admission based on the Cems Application Form and Interview. Infos : www.uclouvain.be/en/faculties/lsm/cems.html

[> CEMS Programme](#) [en-prog-2018-inge2m-linge300r]

CEMS PROGRAMME

- Mandatory
 Courses not taught during 2018-2019
 Periodic courses taught during 2018-2019
- Optional
 Periodic courses not taught during 2018-2019
 Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Admission based on the Cems Application Form and Interview. Infos : www.uclouvain.be/en/faculties/lsm/cems.html

o CEMS Annual Block 1

All three courses have to be taken. Please do not pay attention to the alphabetical order of some mandatory courses (it does not apply to CEMS students).

o LLSMF2018	Technological and Quantitative Project (incl. Project Management)	Dimitri de Smet d'Olbecke Paul Fisette Manuel Kolp Benoît Macq Bernard Nysten Bernard Paque Jean Raucent Pierre Semal	75h	10 Credits	1q	x	
o LLSMS2090	Risk Management, Internal Control and Auditing	Loïc Decaux Gerrit Sarens	30h	5 Credits	1q	x	
o LLSMS2220	Seminar on Current Managerial Issues	Olivier de Wasseige Pierre Semal Alain Vas	30h	3 Credits	1 + 2q	x	

o Corporate Social Responsibility (4 credits)

1 course between :

o LLSMS2397	Corporate Social Responsibility	Sabine Denis	30h	4 Credits	1q	x	
o LLSMS2098	Corporate Social Responsibility (Names from A to E)	Carlos Desmet Vincent Truyens	30h	4 Credits	1q	x	

o CEMS Option (15 credits)

All three courses have to be taken.

o LLSMS2111	International Business (in English)	Christophe Brognaux Sunita Malhotra Frédéric Pouchain	30h	5 Credits	1q	x	x
o LCEMS2108	International Financial Management for CEMS	Denis Knaepen	30h	5 Credits	1q	x	
o LLSMS2109	International Marketing Management (in English)	Isabelle Schuiling	30h	5 Credits	1q	x	

o Seminar (3 credits)

1 course between :

o LLSMD2090	Seminar on Relational and Managerial Competences <i>Only for non-French speaking students</i>	Patrice Gobert Pierre Meurens	45h	3 Credits	2q	x	
o LLSMD2091	Seminar on relational and managerial competences	Patrice Gobert Pierre Meurens	15h	3 Credits	2q	x	

o Cems Activities (20 credits)

All three courses/activities have to be taken.

o LLSMF2013	Data Analytics applied in Business (Names from A to K)	Manuel Kolp Marco Saerens	30h	5 Credits	2q	x	
o LLSMF2026	Performance Management (Names from L to Z)	Kim Adamsen Gerrit Sarens Vincent Vanderborgh	30h	5 Credits	2q	x	x
o LCEMS2915	CEMS Internship			10 Credits	2q	x	

o CEMS Annual Block 2

o LLSMD2901	Final Master's Thesis			18 Credits	1 + 2q		x
o LLSMD2094	Master's Thesis Seminar	Chantal de Moerloose	30h	2 Credits	1 + 2q	x	x

o CEMS LSM Q3 Courses (18 credits)

Cems Students who will be at LSM during Q3 need to take 1 full option (15 ECTS credits) among those here below as well as the CEMS LSM Q3 courses (18 ECTS credits)

o LLSMS2116	Innovation and Corporate Strategy (CEMS)	Benoît Gailly	30h	5 Credits	1q		x
o LLSMX2001	Regenerative Economy	Yves De Rongé Guibert del Marmol	30h	5 Credits	1q		x

							Year	
							1	2
○ LCEMS2341	Block Seminar (CEMS)			3 Credits	1q		x	
○ LLSMS2123	International Strategic Management (Names L-Z)	Tanguy De Jaegere Valérie Duplat Thomas Lederer Bernard Paque	30h	5 Credits	1q		x	

○ Q3 LSM Option (15 credits)

1 option among :

⊗ Option International Finance (LLN) (15 credits)

○ LLSMS2054	International Finance	Bertrand Candelon	30h	5 Credits	1q		x
○ LLSMS2027	Financial Innovation	Bertrand Candelon Yue Zhang	30h	5 Credits	1q		x
○ LLSMS2223	Principles of banking and finance	Tom Dechaene Marco Valerio Geraci Leonardo Iania	30h	5 Credits	1q		x

⊗ Option Financial Engineering (LLN) (15 credits)

○ LLSMS2224	Forecasting	Eric Ghysels	30h	5 Credits	1q		x
○ LLSMS2225	Derivatives pricing	Frédéric Vrins	30h	5 Credits	1q		x
○ LLSMS2013	Investments (in English)	Jean-Yves Gnabo Leonardo Iania Anh Nguyen	30h	5 Credits	1q		x

⊗ Option Corporate sustainable Management (LLN) (15 credits)

○ LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	30h	5 Credits	1q	x	x
○ LLSMS2281	Sustainable Management and Value Chains	Carsten Reuter	30h	5 Credits	1q	x	x
○ LLSMS2282	Finance and Responsible Investment Practices	Christel Dumas Leonardo Iania Anh Nguyen	30h	5 Credits	1q	x	x

⊗ Option Marketing Strategy for Connected Brands (LLN) (15 credits)

○ LLSMS2000	Marketing Research	Nadia Steils Valérie Swaen	30h	5 Credits	1q		x
○ LLSMS2002	International Marketing	Thierry Jupsin	30h	5 Credits	1q		x
○ LLSMS2007	New Business Models and E-commerce	Paul Belleflamme Olivier de Broqueville	30h	5 Credits	1q		x

⊗ Option Financial Management (Mons) (15 credits)

○ MLSMM2121	Derivative Securities	Isabelle Platten	30h	5 Credits	1q		x
○ MLSMM2122	Equity Valuation	Mikael Petitjean Xavier Suin	30h	5 Credits	1q		x
○ MLSMM2123	Fixed Income Analysis	Anh Nguyen Isabelle Platten Frédéric Vrins	30h	5 Credits	1q		x

⊗ Option Sourcing & Procurement - LLN (15 credits)

○ LLSMS2036	Supply Chain Procurement	Per Joakim Agrell Constantin Blome	30h	5 Credits	1q	x	x
○ LLSMS2037	Sourcing Strategy	Constantin Blome Michael Henke	30h	5 Credits	1q	x	x
○ LLSMS2038	Procurement Organisation and Scope	Constantin Blome Antony Paulraj	30h	5 Credits	1q	x	x

○ CEMS LSM Q4 Courses (27 credits)

Cems Students who will be at LSM during Q4 need to take CEMS LSM Q4 courses (27 ECTS credits)

○ LCEMS2343	Responsible Global Leadership Seminar (CEMS)	Carlos Desmet Tatiana Hendrix Gauthier van Eetvelde	30h	2 Credits	2q		x
○ LLSMS2117	Business Project (CEMS)	Christophe Lejeune	30h	15 Credits	2q		x

						Year	
						1	2
○ LLSMS2112	Supply Chain and sourcing	Per Joakim Agrell	30h	5 Credits	2q		x
○ LLSMS2066	Cross Cultural Competences and Management for CEMS	Sunita Malhotra	30h	5 Credits	2q		x

○ CEMS Seminars

Cems Students need to attend Soft Skills Seminars during both annual blocks.

○ Exchange

Cems Students who will be on exchange need to register for courses on Mob-i.

⌘ CEMS Language Courses

Cems students can take CEMS language courses at UCL (ILV) to fulfill the CEMS language requirements. List available on <https://uclouvain.be/en/faculties/lsm/the-cems-mim-programme.html>

Course prerequisites

A document entitled [en-prerequis-2018-inge2m.pdf](#) specifies the activities (course units - CU) with one or more pre-requisite(s) within the study programme, that is the CU whose learning outcomes must have been certified and for which the credits must have been granted by the jury before the student is authorised to sign up for that activity.

These activities are identified in the study programme: their title is followed by a yellow square.

As the prerequisites are a requirement of enrolment, there are none within a year of a course.

The prerequisites are defined for the CUs for different years and therefore influence the order in which the student can enrol in the programme's CUs.

In addition, when the panel validates a student's individual programme at the beginning of the year, it ensures the consistency of the individual programme:

- It can change a prerequisite into a corequisite within a single year (to allow studies to be continued with an adequate annual load);
- It can require the student to combine enrolment in two separate CUs it considers necessary for educational purposes.

For more information, please consult [regulation of studies and exams](#).

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document "*In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?*"

The document is available by clicking [this link](#) after being authenticated with UCL account.

INGE2M - Information

Admission

General and specific admission requirements for this program must be satisfied at the time of enrolling at the university.

SUMMARY

- > [Specific Admission Requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Adults taking up their university training](#)
- > [Access on the file](#)
- > [Admission and Enrolment Procedures for general registration](#)

Specific Admission Requirements

Specific conditions and Admission/registration procedures

I am:

- Holder of a belgian bachelor university degree in Business Engineering > direct access > [direct online registration](#)
- Holder of a belgian bachelor or master university degree in another field than management/business engineering > [requirements](#) > [online university application request](#)
- Holder of a belgian bachelor from long type higher education > [online university application request](#)
- Holder of a belgian master university degree (with at least 45 credits of equivalent master courses of the master in business engineering) given the possibility to obtain in one year the master degree in business engineering > [requirements](#) > [online university application request](#)
- Non EU citizen holder of a belgian bachelor or master university degree > [requirements](#) > [online university application request](#)
- Holder of a non belgian university degree (whatever the nationality) > [requirements](#) > [online university application request](#)
- Holder of a non belgian master university degree (with at least 45 credits of equivalent master courses of the master in business engineering) given the possibility to obtain in one year the master degree in business engineering > [requirements](#) > [online university application request](#)

Tuition fees 2018-2019

Depending on the student's previous study programme, the jury could allow a direct access to the Master by adding additional mandatory courses (maximum 60 credits) to the program.

Direct Access or Access on file ? Check the table here below

I am :

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Business Engineering		Direct Access	
Bachelor in Engineering	With minor in management and programme in line with general entry requirements	Based on application: accepted, conditional on further training, or refusal	A maximum of 60 additional credits embedded in the master programme. See the additional conditions of access in the table above.
Others Bachelors of the French speaking Community of Belgium			
Bachelor in Business Engineering	-	Direct Access	
Bachelors of the Dutch speaking Community of Belgium			
Bachelor in ingenieurs wetenschappen		Direct Access	
Foreign Bachelors			
Bachelor in Business Engineering or equivalent from recognised universities	-	Based on application: accepted, conditional on further training, or refusal	A maximum of 60 additional credits embedded in the master programme. See the additional

conditions of access in the table above.

Non university Bachelors

> Find out more about [links](#) to the university

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
Toute licence	Répondre aux conditions générales et spécifiques d'accès (voir ci-dessus)	Based on application: accepted, conditional on further training, or refusal	Si conditions spécifiques et générales remplies > possibilité d'accès sur dossier moyennant l'ajout éventuel de max. 60 crédits d'enseignements complémentaires dans le programme du master.
Licence non belge issu d'une université reconnue	Répondre aux conditions générales et spécifiques d'accès (voir ci-dessus)	Based on application: accepted, conditional on further training, or refusal	Si conditions spécifiques et générales remplies > possibilité d'accès sur dossier moyennant l'ajout éventuel de max. 60 crédits d'enseignements complémentaires dans le programme du master.
Masters			
Master in Engineering UCL	With the minor (1st cycle) management and/or option course (2nd cycle) in management	Based on application: accepted, conditional on further training, or refusal	Content of the programme depend on the students' prior studies and their specialisation need.
Autre master	Répondre aux conditions générales et spécifiques d'accès (voir ci-dessus)	Based on application: accepted, conditional on further training, or refusal	Si conditions spécifiques et générales remplies > possibilité d'accès sur dossier moyennant l'ajout éventuel de max. 60 crédits d'enseignements complémentaires dans le programme du master.
Masters étrangers	Répondre aux conditions générales et spécifiques d'accès (voir ci-dessus)	Based on application: accepted, conditional on further training, or refusal	Si conditions spécifiques et générales remplies > possibilité d'accès sur dossier moyennant l'ajout éventuel de max. 60 crédits d'enseignements complémentaires dans le programme du master.

Holders of a non-University 2nd cycle degree

> Find out more about [links](#) to the university

Adults taking up their university training

> See the website [Valorisation des acquis de l'expérience](#)

It is possible to gain admission to all masters courses via the validation of professional experience procedure.

Professionals who wish to have basic training in management science should consult: [Master in Management \[60\]](#)

To see what management courses are available in the continuing education programme, please refer to: <https://uclouvain.be/lsm-formation-continue>

Access on the file

Reminder : all Masters (apart from Advanced Masters) are also accessible on file.

Admission and Enrolment Procedures for general registration

Supplementary classes

To enrol for this Masters, the student must have a good command of certain subjects. If this is not the case, they must add preparatory modules to their Master's programme.

● Mandatory

△ Courses not taught during 2018-2019

⊕ Periodic courses taught during 2018-2019

⊗ Optional

⊖ Periodic courses not taught during 2018-2019

■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Depending on the student's track record and missing prerequisites, the jury may add preparatory courses (maximum 60 credits) to the Master program. These additional courses will be selected from the bachelor program in Business Engineering www.uclouvain.be/prog-2017-inge1ba

●	Preparatory module				60 Credits
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Teaching method

This programme, the quality of which has been recognized by external auditors in the EQUIS international accreditation procedure, has four main strengths:

- **Extremely wide range of specialization options**

With access to over 30 optional courses (e.g. Supply Chain, Finance, Innovation, Sourcing & Procurement, ...), students can specialize in the most advanced areas. They tend to strengthen this specialization by completing their dissertation and internship in the same area. These option courses are available at both LSM campuses: Louvain-la-Neuve and Mons. For the majority of the option courses, classes are held on a single day in the week to aid mobility from one campus to another.

- **Training which links academic knowledge and professional practice**

Balanced training is provided by lecturers who are also active researchers in their fields and professionals specially selected for their experience and widely renowned expertise. All students have the opportunity to complete a 60-day internship in a company and to write their dissertation on an issue or task identified during this internship, in the form of a project dissertation. Links with business are very much a part of the course, both in formal lectures as well as the extra-curricular activities organised by the School's Corporate Unit.

- **Teaching methods based on active learning and development of multidisciplinary skills**

Teaching methods are almost always geared towards problem solving, collaborative learning (case studies, projects, problems, simulations) and independence. This is also reflected in the compulsory reading lists, theoretical work and lectures where there is a balance between continuous assessment and final assessment of a course and between individual and group assessments.

- **Strong international outlook**

The international outlook is mainly due to a particularly wide network of over 130 exchange partners, exclusive access in Belgium to the Master's degree in International Management organised by CEMS and the possibility of gaining a [double degree](#).

Evaluation

The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Various assessment methods are used on this programme:

- **Continuous assessment** of work/learning of each group of students: public presentations, debates, written reports;
- **The Individual assessment** : oral or written exams (after the six week-courses block or during the exam sessions), mission or internship report,... in which critical review and integration in a work group are assessed.

For additional information on assessment methods, see the course description by clicking on the title.

Mobility and/or Internationalisation outlook

This Master contains some strong international links:

1. The programme offers many courses in English and there is the **possibility** for a non-French speaker, to **follow the entire course in English**.
2. It is **possible to spend a semester abroad** (30 credits) ([exchange programs](#)) at a location from a list of more than 130 universities renowned [throughout the world](#) for their management programmes.
3. **Exclusive access** in Belgium to the Master's degree in International Management organized by the [CEMS Global Alliance in Management Education](#), as well as **exclusive access** to the [PIM network](#) (Partnership in International Management - an international business school network).
4. The opportunity to spend the Annual Block 2 abroad
 1. with the [IB](#) (International Business) programme, an exchange programme in one of the LSM partner universities and a 6-month internship in a company in a non European Country,
 2. the possibility for selected students to gain a [double degree](#) by spending the first year of Master Studies at the LSM and another year at one of the LSM's partner Universities.

CONTACT:

International Affairs Office
Building "Collège des Doyens", Office A009

Place des Doyens, 1
 B-1348 Louvain-la-Neuve
 Phone: +32 (0) 10 47 83 22 / Fax: +32 (0) 10 47 83 24
[Website](#)

[Professor Frank Janssen](#)

Vice-Dean for International Affairs

[Mrs Catherine Maréchal](#)

International Affairs Coordinator and CEMS Programme Manager

Possible trainings at the end of the programme

- [Doctoral School in Management \(Louvain-la-Neuve\)](#)
- [Master 120 in Environmental Science and Management \(Louvain-la-Neuve\)](#)
- [Master 60 in Information and Communication \(Louvain-la-Neuve\)](#)
- [Master 60 in Information and Communication \(Mons\)](#)

Contacts

Curriculum Management

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

Web site

Mandate(s)

- Doyen : Per Joakim Agrell
- Directeur administratif de faculté : Isabelle De Keyzer

Commission(s) of programme

- Commission d'enseignement de la Louvain School of management ([CLSM](#))

Academic supervisor: [Paul Belleflamme](#)

Jury

- Academic responsible: [Paul Belleflamme](#)
- President of the jury: [Benoît Gailly](#)

Usefull Contact(s)

- Admissions Belgian Degrees: [Marie Lefevre](#)
- Admissions International Degrees: [Estelle Tonon](#)
- Studies Advisor: [Marie Lefevre](#)

SSH/LSM

Louvain School of Management ([LSM](#))

Human Sciences ([SSH](#))

LSM

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