

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In EnglishDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **YES** - Activities in other languages : **NO**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	4
Programme	6
Detailed programme by subject	6
Alternatives	32
Supplementary classes	35
Course prerequisites	36
The programme's courses and learning outcomes	36
Information	37
Access Requirements	37
Teaching method	40
Evaluation	40
Mobility and/or Internationalisation outlook	40
Possible trainings at the end of the programme	40
Contacts	41

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);
- you will be able to expand your choice of options thanks to the offer in the areas of expertise on the two sites of the LSM.

INGE2M - Teaching profile

Learning outcomes

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 internship 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:** capable of implementing socially responsible management practices in any type of organisation.

> **An Expert:**

- who has acquired in-depth quantitative and methodological skills;
- 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;
- capable of assimilating technological processes and mastering their applications in the industrial and service setting.

> **Enterprising:** 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.

THE COMPETENCY FRAMEWORK

Introduction

The exit profile of the Master in Business Engineering graduate is specified by the **LSM competency framework** 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, Master's thesis, internship 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

On successful completion of this programme, each student is able to :

1. **Corporate citizenship:** Act consciously, aware of their responsibilities, placing human and ethical considerations at the very heart of their thinking and actions.

1.1. Demonstrate independent reasoning, look critically and consciously at acquired knowledge (both academic and common sense) and managerial practices, in light of emerging circumstances and their outcomes.

1.2. Decide and act by incorporating ethical and humanistic values, integrity, respect for the laws and conventions, solidarity and civic action, and sustainable development.

1.3. Decide and act responsibly, while taking into account the social, economic and environmental, sometimes antinomic, outcomes in the short, medium and long term, for the various stakeholders.

2. **Knowledge and reasoning:** Master an active and integrated command of a multidisciplinary body of knowledge (content, methods, models, conceptual frameworks) essential to act expertly in the various areas of management.

- 2.1. Master the core knowledge of each area of management.
 - 2.2. Master highly specific knowledge in one or two areas of management: advanced and current research-based knowledge and methods.
 - 2.3. Articulate the acquired knowledge from different areas of management.
 - 2.4. Activate and apply the acquired knowledge accordingly to solve a problem.
 - 2.5. Contribute to the development and advancement of the management field.
- 3. A scientific and systematic approach:** Analyze and resolve problems in multidisciplinary and complex management situations using a scientific and systematic approach.
- 3.1. Conduct a clear, structured, analytical reasoning by applying, and eventually adapting, scientifically based conceptual frameworks and models, to define and analyze a problem.
 - 3.2. Collect, select and analyze relevant information using rigorous, advanced and appropriate methods.
 - 3.3. Consider problems using a systemic and holistic approach: recognize the different aspects of the situation and their interactions in a dynamic process.
 - 3.4. Perceptively synthesize the essential elements of a situation, demonstrating a certain conceptual distance, to diagnose and identify pertinent conclusions.
 - 3.5. Produce, through analysis and diagnosis, implementable solutions in context and identify priorities for action.
- 4. Innovation and entrepreneurship:** Innovate, initiate and lead change.
- 4.1. Identify new opportunities, propose creative and useful ideas in situations that require new strategic approaches, break with existing models and paradigms, promote progress and change.
 - 4.2. Initiate, develop and implement ideas around a new product, service, process or organizational structure, having evaluated the risks and remain pragmatic.
 - 4.3. Integrate, collaborate and actively drive forward collective actions for change, and diffuse for social awareness.
 - 4.4. Reflect on and improve the content, processes and goals of professional practices.
- 5. Work effectively in an international and multicultural environment:** Work as an interface between stakeholders with different rationales, belief systems, training, nationalities, cultures...
- 5.1. Understand the inner workings of an organization: develop a global approach and integrate the internal logic used, within the organization.
 - 5.2. Position and understand the functioning of an organization, in its local and international socio-economic dimensions and identify the associated strategic issues and operational decisions.
 - 5.3. Understand and establish their own role and scope for action, in the overall operation of the organization, while liaising with the various internal and external stakeholders.
- 6. Teamwork and leadership:** Integrate and work in a team, exercise enlightened leadership within the group.
- 6.1. Work in a team: join in and collaborate with team members. Be open and take into consideration the different points of view and ways of thinking, manage differences and conflicts constructively, accept diversity.
 - 6.2. Exercise enlightened leadership skills: unite and motivate different team members, identify, draw on and develop their skills and talents, guide them towards achieving a common goal, while adapting to time constraints and the changing environment.
- 7. Project management:** Define and manage a project to completion, taking into account the objectives, resources and constraints that characterize the project environment.
- 7.1. Analyse a project within its environment and define the expected outcomes: identify what is at stake, the required outcomes and the environmental constraints; clearly define the project objectives and associate the performance indicators.
 - 7.2. Organize, manage and control the process: structure and schedule the tasks, identify and allocate human and material resources, coordinate, delegate and supervise the tasks; take into account the anticipated constraints and risks.
 - 7.3. Make decisions and take responsibility for them in an uncertain world: take initiatives and act, anticipate and be proactive, show discernment and good judgment and be prepared to make quick decisions, taking into account multiple factors and uncertainties; accept the risks and consequences of decisions.
- 8. Communication and interpersonal skills:** Communicate, converse effectively and convincingly with the stakeholders.
- 8.1. Express a clear and structured message, both orally and in writing in their mother tongue, in English and ideally, in a third language, adapted to the audience and using context specific communication standards.
 - 8.2. Interact and discuss effectively and respectfully with diverse stakeholders (supervisors, peers, colleagues, clients...) in face-to-face and group contexts, using both verbal and nonverbal communication skills: demonstrate the ability to listen, empathize, be assertive, provide and accept constructive criticism.
 - 8.3. Persuade and negotiate: understand the needs and viewpoints of others, put forward their reasoning in an appropriate, relevant and persuasive manner, able to bring out points of agreement, even in antagonistic situations.
- 9. Personal and professional development:** Display self-knowledge and independence, able to adapt quickly to new situations and involve positively.
- 9.1. Independent self-starter: set priorities, anticipate and plan work activities within time constraints, rigorous, structured and thorough, even in changing, uncertain environments or crisis.
 - 9.2. Self-awareness and self-control: be aware of and manage their own emotions, able to be objective about their work and behaviour, and recognize their own strengths and weaknesses, accept them and use them in a professional manner.
 - 9.3. Self-motivation: be capable of creating a project in line with their own values and aspirations, confident and motivated in managing the implementation of the project, and persevere in difficult situations.
 - 9.4. Quick study, lifelong learner: quickly and independently assimilate new information and skills needed to evolve in their professional environment, learn from successes and errors in the spirit of lifelong learning.

Programme structure

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

1. Core subjects worth 30 credits

It includes 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,

In-depth study of the distinctive disciplines of the engineer: Performance Management, Data Analytics applied in Business, Technological and Quantitative Project,...

The professional focus courses are given during the six first weeks (Part 1) of each term.

3. A major worth 30 credits,

Spread over the two terms, it enables the student to specialise in a domain e.g. Supply Chain Management, Financial Engineering, International Finance, Business Analytics, 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.

> [Detailed description \(objectives, career opportunities,...\) of the majors offered in the Master in Business Engineering](#)

4. An exchange of 30 credits or an option and LSM courses (30 credits)

For the Annual Block 2, the student has either the opportunity to follow courses on exchange in one of the 145 partner universities of the Louvain School of Management or to continue its specialisation by taking an option of 3 courses as well as LSM courses.

ANNUAL BLOCK 1				ANNUAL BLOCK 2				Degree 120 credits of Master en Ingénieur de gestion, à finalité spécialisée (Professional Focus)	
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			
14 credits	15 credits	13 credits	15 credits	15 credits	15 credits	10 credits			
MASTER'S THESIS (20 credits)									

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.

Interdisciplinary programme in Entrepreneurship - 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. By combining a dedicated major, courses taken on exchange 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. Students selected into the IB Programme spend their entire Annual Block 2 abroad.

Double degree - DD & DDD

By gaining 60 credits courses at LSM, approximately 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:

- 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)
- Aix-Marseille Université (Aix-Marseille, France)
- 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 programme will include, depending on the credits accorded, a **minimum of 60 and a maximum of 75 credits**.

INGE2M Programme

Detailed programme by subject

CORE COURSES [30.0]

In addition to the core courses, the Master in Business Engineering includes also :

- . a **professional focus** worth 30 credits based on advanced study of the various disciplines of business engineering,
- . a **major** (30 credits),
- . an **exchange OR an option and courses** (30 credits during the 1st term of Annual block 2).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊖ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

				Year	
				1	2
○ LLSMD2901	Master's thesis		FR [q1+q2] [] [18 Credits]		x
○ LLSMD2094	Master's Thesis Seminar	Chantal De Moerloose	FR [q1+q2] [30h] [2 Credits]		x

○ Internship (10 credits)

⊗ LLSMD2915	Internship and Career development	Patrice Gobert Pierre Meurens	EN [q1+q2] [30h] [10 Credits]		x
⊗ LLSMD2916	International Internship with coaching Only for IB students	Christophe Lejeune	EN [q2] [30h] [10 Credits]		x

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

The CPME student who does not wish to do an internship must choose 2 courses from the list below:

⊗ LLSMX2001	Regenerative Economy	Yves De Rongé Emmanuel Mossay	EN [q1] [30h] [5 Credits]		x
⊗ LLSMS2014	Entrepreneurial Finance (in English)	Quentin Colmant (compensates Philippe Grégoire) James Thewissen Yue Zhang	EN [q1] [30h] [5 Credits]		x
⊗ LFSA2212	Innovation classes course available only after selection	Benoît Macq Jean-Pierre Raskin Benoît Raucent	EN [q1] [30h+15h] [5 Credits]		x
⊗ LSST1001	IngénieursSud	Stéphanie Merle Jean-Pierre Raskin (coord.)	FR [q1+q2] [15h+45h] [5 Credits]		x

				Year	
				1	2
⊗ LLSMS2080	International Entrepreneurship (in English) <i>Course available only after selection</i>	Frank Janssen	EN [q2] [30h+30h] [5 Credits]		x
⊗ LLSMS2081	Strategic Management of Start ups (in English)	Bartholomeus Kamp Bryan Toney	EN [q2] [30h+30h] [5 Credits]		x
⊗ LCPME2005	Social and Sustainable Entrepreneurship	Julie Hermans	EN [q2] [30h] [5 Credits]		x

PROFESSIONAL FOCUS [30.0]

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 during the Annual block 1 (except specific profil).

Please note that in addition to this professional focus, the Master in Business Engineering includes also :

- . a major (30 credits),
- . an exchange OR an option and courses (30 credits during the 1st term of Annual block 2),
- . an internship during the 2nd term of Annual block 2 (except specific profil),
- . a Master's thesis mainly in Annual block 2.

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

○ LLSMS2220	Seminar on Current Managerial Issues	Pierre Semal	EN [q1+q2] [30h] [3 Credits]	X	
○ LLSMF2018	Technological and Quantitative Project (incl. Project Management)	Olivier de Broqueville Paul Fiset Tatiana Hendrix Manuel Kolp Benoît Macq Bernard Nysten Bernard Paque Pierre Semal Mathieu Van Vyve	EN [q1] [75h] [10 Credits]	X	

o Corporate Social Responsibility (4 credits)

one course among :

⊗ LLSMS2098	Corporate Social Responsibility	Carlos Desmet Valérie Swaen (compensates Ina Aust-Gronarz)	EN [q1] [30h] [4 Credits]	X	
⊗ LLSMS2397	Maatschappelijke verantwoordelijkheid van bedrijven	Sabine Denis	NL [q1] [30h] [4 Credits]	X	X

o Seminar (3 credits)

One course among :

⊗ LLSMD2090	Seminar on Relational and Managerial Competences Only for non-French speaking students	Patrice Gobert Pierre Meurens	EN [q1+q2] [45h] [3 Credits]	X	
⊗ LLSMD2091	Seminar on relational and managerial competences	Patrice Gobert Pierre Meurens	FR [q1+q2] [15h] [3 Credits]	X	

o Performance Management (5 credits)

○ LLSMF2016	Performance Management	Raphaël Betti Vincent Vanderborght	EN [q2] [30h] [5 Credits]	X	
-------------	--	---------------------------------------	---------------------------	---	--

o Data Analytics applied in Business (5 credits)

○ LLSMF2013	Data Analytics applied in Business	Manuel Kolp Marco Saerens	EN [q2] [30h] [5 Credits]	X	
-------------	--	------------------------------	---------------------------	---	--

OPTIONS

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

Annual Block 2: if the student does not go on exchange : obligation to follow the "**LSM courses (if no exchange)**" (15 credits) + 1 **Option** (15 credits); please check the offer here below.

Note that, if the chosen Major/Option is not organised on your main site, [help for the mobility](#) are available.

To help you in your choice of major, take a look at the [description of the majors](#) .

Please note the Master in Business Engineering includes : . a major (30 credits) proposed here below, . an exchange OR an option and courses (30 credits during the 1st term of Annual block 2), . an internship during the 2nd term of Annual block 2 (except specific profil), . a Master's thesis mainly in Annual block 2.

Majors

- > Major Supply Chain Management (LLN) [en-prog-2021-inge2m-linge430o]
- > Major Innovation Management (LLN) [en-prog-2021-inge2m-linge431o]
- > Major International Finance (LLN) [en-prog-2021-inge2m-linge432o]
- > Major Financial Engineering (LLN) [en-prog-2021-inge2m-linge433o]
- > Major Marketing Strategy for Connected Brands (LLN) [en-prog-2021-inge2m-linge436o]
- > Philippe de Woot Major in Corporate Sustainable Management (LLN) [en-prog-2021-inge2m-linge474o]
- > Interdisciplinary Program in Entrepreneurship (LLN) [en-prog-2021-inge2m-linge440o]
- > Major International Business (LLN) [en-prog-2021-inge2m-linge441o]
- > Major Business Analytics (Mons) [en-prog-2021-inge2m-linge434o]
- > Major Financial Management (Mons) [en-prog-2021-inge2m-linge435o]
- > Major Tactical & Digital Marketing Decisions (Mons) [en-prog-2021-inge2m-linge437o]
- > Major Business Analytics & Digital Marketing (Mons) [en-prog-2021-inge2m-linge438o]
- > Major Transportation Management (Mons) and Supply Chain (Louvain-la-Neuve) [en-prog-2021-inge2m-linge439o]

LSM courses (if no exchange)

- > LSM Courses (if no exchange) [en-prog-2021-inge2m-linge110o]

Options (alternative à l'échange)

- > Option International Finance (LLN) [en-prog-2021-inge2m-linge574o]
- > Option Financial Engineering (LLN) [en-prog-2021-inge2m-linge575o]
- > Option Marketing Strategy for Connected Brands (LLN) [en-prog-2021-inge2m-linge576o]
- > Option Corporate Sustainable Management (LLN) [en-prog-2021-inge2m-linge589o]
- > Option Sourcing and Procurement (LLN) [en-prog-2021-inge2m-linge597o]
- > Option Transport & Logistics (Mons) [en-prog-2021-inge2m-linge578o]
- > Option Entrepreneurship (Mons) [en-prog-2021-inge2m-linge579o]
- > Option Professional Immersion in Digital Marketing (Mons) [en-prog-2021-inge2m-linge580o]
- > Option Decision Marketing (Mons) [en-prog-2021-inge2m-linge596o]
- > Option Asset Management (Mons) [en-prog-2021-inge2m-linge203o]
- > Option Tax Systems (ICHEC) [en-prog-2021-inge2m-linge581o]
- > Option Development and Management: North-South perspectives (ICHEC) [en-prog-2021-inge2m-linge566o]

MAJORS [30.0]

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

MAJOR SUPPLY CHAIN MANAGEMENT (LLN) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ LLSMS2030	Supply Chain Management (in English)	Pierre Semal	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2031	Tools for Supply Chain Management Decisions (in English)	Mathieu Van Vyve	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2035	Supply Chain Coordination and Sourcing (in English)	Per Joakim Agrell	EN [q1] [30h] [5 Credits]	X	

o Term 2

○ LLSMS2032	Advanced Operations Management : Models and Applications (in English)	Philippe Chevalier	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2033	International Supply Chain Management	Per Joakim Agrell Philippe Chevalier	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2034	Supply Chain Planning (in English)	Marc Foret Mathieu Van Vyve	EN [q2] [30h] [5 Credits]	X	

MAJOR INNOVATION MANAGEMENT (LLN) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ LLSMS2040	Innovation Management (in English)	Benoît Gailly	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2041	Economics of Innovation (in English)	Paul Belleflamme	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2042	Developing Innovative Ventures (in English)	Benoît Gailly	EN [q1] [30h] [5 Credits]	X	

o Term 2

○ LLSMF2011	Knowledge Management (in English)	Julie Hermans Manuel Kolp	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2043	Innovation Policy and Ecosystems	Benoît Gailly	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2374	Economics of the Internet	Paul Belleflamme	EN [q2] [30h] [5 Credits]	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	EN [q2] [30h+30h] [5 Credits]	X	
-------------	---	---------------	-------------------------------	---	--

MAJOR INTERNATIONAL FINANCE (LLN) [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

● LLSMS2027	Capital markets and innovations	Jean-Baptiste Hasse (compensates Bertrand Candelon) Leonardo Iania (compensates Bertrand Candelon)	EN [q1] [30h] [5 Credits]	X	
● LLSMS2054	International Finance and crises management	Bertrand Candelon	EN [q1] [30h] [5 Credits]	X	
● LLSMS2128	Central Banking and Financial Stability	Luc Henrard Ruben Olieslagers	EN [q1] [30h] [5 Credits]	X	

o Term 2

● LLSMS2029	International financial management	Denis Knaepen	EN [q2] [30h] [5 Credits]	X	
● LLSMS2140	Financial Risk	Anh Nguyen James Thewissen	EN [q2] [30h] [5 Credits]	X	
● LLSMS2223	Principles of banking regulation and supervision	Bertrand Candelon (compensates Leonardo Iania) Tom Dechaene	EN [q2] [30h] [5 Credits]	X	

MAJOR FINANCIAL ENGINEERING (LLN) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ LLSMS2224	Forecasting	Bertrand Candelon	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2225	Derivatives pricing	Frédéric Vrins	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2013	Investments	Leonardo Iania	EN [q1] [30h] [5 Credits]	X	

o Term 2

○ LLSMS2012	Macro Finance	Leonardo Iania	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2226	Credit and interest rate risk	Frédéric Vrins	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2138	Big data in finance	Nathan Lassance	EN [q2] [30h] [5 Credits]	X	

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

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

o Term 1

○ LLSMS2000	Marketing Research	Gordy Pleyers	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2002	International Marketing	Thierry Jupsin	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2007	New Business Models and E-commerce	Paul Belleflamme	EN [q1] [30h] [5 Credits]	X	

o Term 2

○ LLSMS2003	Brand Management (in English)	Isabelle Schuiling	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2004	Big Data/Data Mining Applied to Marketing	Ludovic Chevalier	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2006	On-line and Off-line Communication Strategies	Doriane Magnus (compensates Nicolas Kervyn De Meerendré) Gordy Pleyers	EN [q2] [30h] [5 Credits]	X	

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

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

o Term 1

○ LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2281	Sustainable Management and Value Chains	Carsten Reuter	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2282	Finance and Responsible Investment Practices	Leonardo Iania	EN [q1] [30h] [5 Credits]	X	

o Term 2

○ LLSMS2283	Sustainable Human Resource Management and Leadership	Ina Aust-Gronarz	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2284	Corporate Sustainability Reporting and Marketing Strategy	Yves De Rongé Valérie Swaen	EN [q2] [30h] [5 Credits]	X	
○ LCPME2005	Social and Sustainable Entrepreneurship	Julie Hermans	EN [q2] [30h] [5 Credits]	X	

INTERDISCIPLINARY PROGRAM IN ENTREPRENEURSHIP (LLN) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ LCPME2001	Entrepreneurship Theory (in French)	Frank Janssen	[FR] [q1] [30h+20h] [5 Credits]	X	
○ LCPME2002	Managerial, legal and economic aspects of the creation of a company (in French)	Yves De Cordt Marine Falize	[FR] [q1] [30h+15h] [5 Credits]	X	

o Cours au choix CPME (5 credits)

Un cours parmi :

⊗ LLSMX2001	Regenerative Economy	Yves De Rongé Emmanuel Mossay	[EN] [q1] [30h] [5 Credits]	X	
⊗ LLSMS2014	Entrepreneurial Finance (in English)	Quentin Colmant (compensates Philippe Grégoire) James Thewissen Yue Zhang	[EN] [q1] [30h] [5 Credits]	X	
⊗ LFSA2212	Innovation classes <i>Attention : sélection des étudiants sur dossier</i>	Benoît Macq Jean-Pierre Raskin Benoît Raucent	[EN] [q1] [30h+15h] [5 Credits]	X	

o Term 2

○ LCPME2003	Business plan of the creation of a company (in French) test	Frank Janssen	[FR] [q2] [30h+15h] [5 Credits]		X
○ LCPME2004	Advanced seminar on Entrepreneurship (in French)	Frank Janssen	[FR] [q2] [30h+15h] [5 Credits]	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	[EN] [q2] [30h+30h] [5 Credits]	X	
⊗ LLSMS2081	Strategic Management of Start ups (in English)	Bartholomeus Kamp Bryan Toney	[EN] [q2] [30h+30h] [5 Credits]	X	
⊗ LCPME2005	Social and Sustainable Entrepreneurship	Julie Hermans	[EN] [q2] [30h] [5 Credits]	X	
⊗ LSST1001	IngénieursSud	Stéphanie Merle Jean-Pierre Raskin (coord.)	[FR] [q1+q2] [15h+45h] [5 Credits]	X	

MAJOR INTERNATIONAL BUSINESS (LLN) [30.0]

Access to this major is limited to students selected on the basis of an application file. [More informations about the selection.](#) You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ LLSMS2014	Entrepreneurial Finance (in English)	Quentin Colmant (compensates Philippe Grégoire) James Thewissen Yue Zhang	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2002	International Marketing	Thierry Jupsin	EN [q1] [30h] [5 Credits]	X	
○ LLSMS2030	Supply Chain Management (in English)	Pierre Semal	EN [q1] [30h] [5 Credits]	X	

o Term 2 (15 credits)

○ LLSMS2065	Cross Cultural Competences and Management (in English)	Ina Aust-Gronarz	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2114	Entrepreneurship	Frank Janssen	EN [q2] [30h] [5 Credits]	X	
○ LLSMS2299	New Economic Models	Yves De Rongé	EN [q2] [30h] [5 Credits]	X	

MAJOR BUSINESS ANALYTICS (MONS) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ MLSMM2152	New Technologies & Emerging Practices	Bart Jourquin	[FR] [q1] [30h] [5 Credits]	X	
○ MLSMM2151	Data Mining	Abdessamad Ait El Cadi (compensates Nadine Meskens)	[FR] [q1] [30h] [5 Credits]	X	
○ MLSMM2153	Web Mining	François Fouss	[EN] [q1] [30h] [5 Credits]	X	

o Term 2

○ MLSMM2154	Machine Learning	Marco Saerens	[EN] [q2] [30h] [5 Credits]	X	
○ MLSMM2155	Quantitative Decision Making	Daniele Catanzaro	[EN] [q2] [30h] [5 Credits]	X	
○ MLSMM2156	Recommender Systems	Corentin Vande Kerckhove	[FR] [q2] [30h] [5 Credits]	X	

MAJOR FINANCIAL MANAGEMENT (MONS) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ MLSMM2121	Derivative Securities	Isabelle Platten	[FR] [q1] [30h] [5 Credits]	X	
○ MLSMM2122	Equity Valuation	Mikael Petitjean Xavier Suin	[EN] [q1] [30h] [5 Credits]	X	
○ MLSMM2123	Fixed Income Analysis	Anh Nguyen Isabelle Platten	[FR] [q1] [30h] [5 Credits]	X	

o Term 2

○ MLSMM2124	Behavioural Finance	Rudy De Winne	[FR] [q2] [30h] [5 Credits]	X	
○ MLSMM2125	Portfolio Management	Catherine D'Hondt	[FR] [q2] [30h] [5 Credits]	X	
○ MLSMM2126	Risk Management & Financial Institutions	Nathan Lassance	[EN] [q2] [30h] [5 Credits]	X	

MAJOR TACTICAL & DIGITAL MARKETING DECISIONS (MONS) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

o Term 1

○ MLSMM2131	Retailing & Distribution Management	Simon Hazée	[FR] [q1] [30h] [5 Credits]	X	
○ MLSMM2132	Price Management	Caroline Ducarroz Nadia Sinigaglia	[FR] [q1] [30h] [5 Credits]	X	
○ MLSMM2133	Product & Innovation	Nadia Sinigaglia	[EN] [q1] [30h] [5 Credits]	X	

o Term 2

○ MLSMM2134	e-Consumer Behavior	Karine Charry	[FR] [q2] [30h] [5 Credits]	X	
○ MLSMM2135	Methods & Models in Marketing	Caroline Ducarroz Nadia Sinigaglia	[FR] [q2] [30h] [5 Credits]	X	
○ MLSMM2136	Trends in Digital Marketing	Ingrid Poncin	[FR] [q2] [30h] [5 Credits]	X	

MAJOR BUSINESS ANALYTICS & DIGITAL MARKETING (MONS) [30.0]

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Term 1**

○ MLSMM2152	New Technologies & Emerging Practices	Bart Jourquin	(FR) [q1] [30h] [5 Credits]	X	
○ MLSMM2151	Data Mining	Abdessamad Ait El Cadi (compensates Nadine Meskens)	(FR) [q1] [30h] [5 Credits]	X	
○ MLSMM2153	Web Mining	François Fouss	(EN) [q1] [30h] [5 Credits]	X	

o Term 2

○ MLSMM2134	e-Consumer Behavior	Karine Charry	(FR) [q2] [30h] [5 Credits]	X	
○ MLSMM2135	Methods & Models in Marketing	Caroline Ducarroz Nadia Sinigaglia	(FR) [q2] [30h] [5 Credits]	X	
○ MLSMM2136	Trends in Digital Marketing	Ingrid Poncin	(FR) [q2] [30h] [5 Credits]	X	

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

You can find the major's brochure [here](#).

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

o Term 1

○ MLSMM2251	Modelling of Transport Systems	Bart Jourquin	[FR] [q1] [30h] [5 Credits]	X	
○ MLSMM2252	Supply Chain Management	Jean-Sébastien Tancrez	[EN] [q1] [30h] [5 Credits]	X	
○ MLSMM2253	Transport & Mobility	Bart Jourquin	[FR] [q1] [30h] [5 Credits]	X	

o Term 2

○ LLSMS2032	Advanced Operations Management : Models and Applications (in English)	Philippe Chevalier	[EN] [q2] [30h] [5 Credits]	X	
○ LLSMS2033	International Supply Chain Management	Per Joakim Agrell Philippe Chevalier	[EN] [q2] [30h] [5 Credits]	X	
○ LLSMS2034	Supply Chain Planning (in English)	Marc Foret Mathieu Van Vyve	[EN] [q2] [30h] [5 Credits]	X	

LSM COURSES (IF NO EXCHANGE) [15.0]

LSM COURSES (IF NO EXCHANGE) [15.0]

- Mandatory
- ✘ Optional
- △ Not offered in 2021-2022
- Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

Students who do not go on exchange will have to register to the 30 following credits : Corporate strategy in the knowledge society (5 credits) + one of the two elective courses (5 credits) + one language course (5 credits) + one option (15 credits - <https://uclouvain.be/en-prog-2020-inge2m-linge105g>)

o Corporate Strategy in the Knowledge Society (5 credits)

Select the course according to alphabetical distribution

● LLSMF2015	Corporate Strategy in the Knowledge Society	Régis Coeurderoy Alain Vas	EN [q1] [30h] [5 Credits]		x
-------------	---	-------------------------------	---------------------------	--	---

o LSM elective courses (5 credits)

1 course to choose from among those below or one management course from the KUL : <http://feb.kuleuven.be/toekomstigestudenten/opleidingen/overzicht-opleidingen-feb>

✘ LLSMS2090	Risk Management, Internal Control and Auditing	Charlotte Antoons	EN [q1] [30h] [5 Credits]		x
✘ LLSMF2009	Taxation	Marie Lamensch	EN [q1] [30h] [5 Credits]		x
✘ LLSMS2091	Cross Cultural Competences and Management	Ina Aust-Gronarz Gaël N'Gom	EN [q1] [30h] [5 Credits]		x
✘ LLSMS2221	Tutoring and in-depth study		FR [q1] [] [5 Credits]		x

o Compulsory language course (5 credits)

One course to choose from the list below. Please check the schedules before making your choice.

✘ English courses (5 credits)

✘ LANGL2232	Advanced Business English 6 groups of max. 25 students/group (see ILV for details and registration)	Charlotte Diaz Jérémie Dupal Nicholas Gibbs (coord.) Hila Peer Karen Ratcliffe	EN [q1] [15h] [5 Credits]		x
✘ LMULT2223	Reading comprehension and vocabulary extension: economic and commercial texts in English	Sylvie De Cock	EN [q1] [22.5h] [5 Credits]		x
✘ LMULT2421	Economic, legal, social and political issues in English-speaking countries Compulsory attendance, limited access (max. 15 students)	Paul Arblaster	EN [q1] [30h+15h] [5 Credits]		x
✘ LMULT2424	Oral business communication techniques in English (Part 1) Compulsory attendance, limited access (max. 15 students)	Sylvie De Cock	EN [q1] [15h+15h] [5 Credits]		x

✘ Dutch Courses (5 credits)

✘ LMULT2233	Reading comprehension and vocabulary extension: economic and commercial texts in Dutch	Marlène Vrancx	NL [q1] [22.5h] [5 Credits]		x
✘ LMULT2431	Economic, legal, social and political issues in Dutch-speaking countries	Matthieu Sergier (compensates Philippe Hligsmann)	NL [q1] [30h+15h] [5 Credits]		x
✘ LMULT2434	Oral business communication techniques in Dutch (Part 1)	Anne Goedgezelschap	NL [q1] [15h+15h] [5 Credits]		x

				Year	
				1	2
⊗ LNEER2602	Seminar of professional integration: Dutch - advanced level	Isabelle Demeulenaere (coord.)	NL [] [30h] [5 Credits]		x
⊗ LKUL2094	Belasting op de toegevoegde waarde (B-KUL-C05B1A)		NL [q1] [39h] [5 Credits]		x
⊗ LKUL2095	Arbeidsrecht en onderneming (B-KUL-C0817A)		NL [q1] [39h] [5 Credits]		x
⊗ LKUL2096	Vennootschapsbelasting (B-KUL-C05B0A)		NL [q1] [39h] [5 Credits]		x
⊗ LKUL2098	Management van personeelsstromen (B-KUL-D0R25A)		NL [q1] [39h] [5 Credits]		x
⊗ LKUL2099	Business analyse (NL) (B-KUL-D0I68A)		NL [q1] [40h] [5 Credits]		x

⊗ German Courses (5 credits)

⊗ LMULT2213	Reading comprehension and vocabulary extension: economic and commercial texts in German	Marie-Luce Collard	DE [q1] [22.5h] [5 Credits]		x
⊗ LMULT2411	Economic, legal, social and political issues in German-speaking countries <i>Compulsory attendance. Limited access (max. 5 students)</i>	Dany Etienne	DE [q1] [30h+15h] [5 Credits]		x
⊗ LMULT2414	Oral business communication techniques in German 1 <i>Compulsory attendance. Limited access (max. 5 students)</i>	Hedwig Reuter	DE [q1] [15h+15h] [5 Credits]		x
⊗ LALLE2710	Listening comprehension and oral expression: specialised German oral exercises - Part 1 <i>Limited access (see ILV)</i>	Ann Rinder (coord.)	DE [q1] [30h] [5 Credits]		x

⊗ Spanish Courses (5 credits)

⊗ 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.)	ES [q1] [30h] [5 Credits]		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.)	ES [q1] [30h] [5 Credits]		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 Maria Tirado Fernandez (compensates Carmen Vallejo Villamor)	ES [q1] [45h] [5 Credits]		x

⊗ French Courses (5 credits)

Only for non native French speakers.

⊗ LFRAN1405	French - Upper Intermediate Level (B2) - Le français, langue universitaire <i>Limited access (see ILV)</i>	Françoise Masuy (coord.)	FR [q1] [30h] [5 Credits]		x
⊗ LFRAN1505	French - Advanced level (C1) - "Professional Communication Strategies" <i>Limited access (see ILV)</i>	Françoise Masuy (coord.)	FR [q1 or q2] [30h] [5 Credits]		x

OPTIONS (ALTERNATIVE À L'ÉCHANGE) [15.0]

Students who do not go on exchange will have to register for one option (15 credits) as well as for the "LSM Courses (if no exchange)" (15 credits)

OPTION INTERNATIONAL FINANCE (LLN) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

This option is not available to students who have followed the Major in International Finance

Year

1 2

Content:

● LLSMS2054	International Finance and crises management	Bertrand Candelon	EN [q1] [30h] [5 Credits]		x
● LLSMS2027	Capital markets and innovations	Jean-Baptiste Hasse (compensates Bertrand Candelon) Leonardo Iania (compensates Bertrand Candelon)	EN [q1] [30h] [5 Credits]		x
● LLSMS2128	Central Banking and Financial Stability	Luc Henrard Ruben Olieslagers	EN [q1] [30h] [5 Credits]		x

OPTION FINANCIAL ENGINEERING (LLN) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

This option is not available to students who have followed the Major in Financial Engineering

Year

1 2

Content:

● LLSMS2224	Forecasting	Bertrand Candelon	EN [q1] [30h] [5 Credits]		x
● LLSMS2225	Derivatives pricing	Frédéric Vrins	EN [q1] [30h] [5 Credits]		x
● LLSMS2013	Investments	Leonardo Iania	EN [q1] [30h] [5 Credits]		x

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

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

This option is not available to students who have followed the Major Marketing Strategy for Connected Brands

Year

1 2**o Content:**

○ LLSMS2000	Marketing Research	Gordy Pleyers	EN [q1] [30h] [5 Credits]		x
○ LLSMS2002	International Marketing	Thierry Jupsin	EN [q1] [30h] [5 Credits]		x
○ LLSMS2007	New Business Models and E-commerce	Paul Belleflamme	EN [q1] [30h] [5 Credits]		x

OPTION CORPORATE SUSTAINABLE MANAGEMENT (LLN) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

This option is not available to students who have followed the Philippe de Woot Major in Corporate Sustainable Management

Year

1 2**o Content:**

○ LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	EN [q1] [30h] [5 Credits]		x
○ LLSMS2281	Sustainable Management and Value Chains	Carsten Reuter	EN [q1] [30h] [5 Credits]		x
○ LLSMS2282	Finance and Responsible Investment Practices	Leonardo Iania	EN [q1] [30h] [5 Credits]		x

OPTION SOURCING AND PROCUREMENT (LLN) [15.0]

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

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

○ Content:

○ LLSMS2036	Supply Chain Procurement	Per Joakim Agrell Constantin Blome	EN [q1] [30h] [5 Credits]		X
○ LLSMS2037	Sourcing Strategy	Constantin Blome Michael Henke	EN [q1] [30h] [5 Credits]		X
○ LLSMS2038	Procurement Organisation and Scope	Constantin Blome	EN [q1] [30h] [5 Credits]		X

OPTION TRANSPORT & LOGISTICS (MONS) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

This option is not available to students who have followed the Major Transportation Management and Supply Chain

Year

1 2

Content:

○ MLSMM2251	Modelling of Transport Systems	Bart Jourquin	(FR) [q1] [30h] [5 Credits]		x
○ MLSMM2252	Supply Chain Management	Jean-Sébastien Tancrez	(EN) [q1] [30h] [5 Credits]		x
○ MLSMM2253	Transport & Mobility	Bart Jourquin	(FR) [q1] [30h] [5 Credits]		x

OPTION ENTREPRENEURSHIP (MONS) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

Content:

○ MLSMM2261	Collective Entrepreneurship	Julie Hermans	(FR) [q1] [30h] [5 Credits]		x
○ MLSMM2262	Entrepreneuriat technologique	Julie Hermans	(FR) [q1] [30h] [5 Credits]		x
○ MLSMM2263	Doing Entrepreneurship	Amélie Jacquemin	(FR) [q1] [30h] [5 Credits]		x

OPTION PROFESSIONAL IMMERSION IN DIGITAL MARKETING (MONS)**[25.0]**

This option is for students who wish to specialize in Digital Marketing. It is given during the two terms of the annual block 2. It must be combined with a major in marketing (followed in annual block 1) and is only accessible on file.

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

○ MLSMM2231	Digital Data Analysis <i>Cette unité d'enseignement se déroule au second quadrimestre en parallèle de MLSMM2233 Immersion professionnelle 2 - mise en oeuvre.</i>	Marco Ongaro	FR [q2] [30h] [5 Credits]		x
○ MLSMM2232	Digital Marketing Seminar - Part 1	Karine Charry Ingrid Poncin	FR [q1] [30h] [10 Credits]		x
○ MLSMM2233	Digital Marketing Seminar - Part 2 <i>Cette unité d'enseignement remplace le stage obligatoire de Master pour l'étudiant inscrit à cette option.</i>	Karine Charry Ingrid Poncin	FR [q2] [30h] [10 Credits]		x

OPTION DECISION MARKETING (MONS) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

○ MLSMM2131	Retailing & Distribution Management	Simon Hazée	(FR) [q1] [30h] [5 Credits]		x
○ MLSMM2132	Price Management	Caroline Ducarroz Nadia Sinigaglia	(FR) [q1] [30h] [5 Credits]		x
○ MLSMM2133	Product & Innovation	Nadia Sinigaglia	(EN) [q1] [30h] [5 Credits]		x

OPTION ASSET MANAGEMENT (MONS) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

This option is not available to students who have followed the Major in Financial Management

Year

1 2

o Content:

○ MLSMM2121	Derivative Securities	Isabelle Platten	(FR) [q1] [30h] [5 Credits]		x
○ MLSMM2122	Equity Valuation	Mikael Petitjean Xavier Suin	(EN) [q1] [30h] [5 Credits]		x
○ MLSMM2123	Fixed Income Analysis	Anh Nguyen Isabelle Platten	(FR) [q1] [30h] [5 Credits]		x

OPTION TAX SYSTEMS (ICHEC) [15.0]

For more information, please visit <https://www.ichec.be/fr/master-en-gestion-de-lentreprise>

- Mandatory
- ✘ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- 🇫🇷 Teaching language (FR, EN, ES, NL, DE, ...)

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

Courses are organised during the whole term in the evening.

Year

1 2

o Content:

● LFISC2210	Taxation of mergers and acquisitions (in French)		🇫🇷 [q1] [60h] [3 Credits]		x
● LFISC2220	Corporate tax and reporting practice (in French)		🇫🇷 [q1] [60h] [8 Credits]		x
● LFISC2230	Introduction to International and European Taxation (in French)		🇫🇷 [q1] [60h] [4 Credits]		x

OPTION DEVELOPMENT AND MANAGEMENT: NORTH-SOUTH PERSPECTIVES (ICHEC) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

● LPEDV2210	North-South Project management		(FR) [q1] [60h] [5 Credits]		x
● LPEDV2220	Management specificities in Southern countries		(FR) [q1] [60h] [5 Credits]		x
● LPEDV2230	Economics and development policies		(FR) [q1] [60h] [5 Credits]		x

Alternatives

> [Master \[120\] : Business Engineering \[CEMS Programme\]](https://uclouvain.be/en-prog-2021-inge2m-programme) [<https://uclouvain.be/en-prog-2021-inge2m-programme>]

MASTER [120] : BUSINESS ENGINEERING [CEMS PROGRAMME]

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊖ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- 🌐 Open to international students
- 🚫 Not open to international students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Core courses

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).

● LLSMF2018	Technological and Quantitative Project (incl. Project Management)	Olivier de Broqueville Paul Fisette Tatiana Hendrix Manuel Kolp Benoit Macq Bernard Nysten Bernard Paque Pierre Semal Mathieu Van Vyve	(FR) [q1] [75h] [10 Credits]		x
● LLSMS2220	Seminar on Current Managerial Issues	Pierre Semal	(FR) [q1+q2] [30h] [3 Credits]		x

o Corporate Social Responsibility (4 credits)

1 course between :

☒ LLSMS2397	Maatschappelijke verantwoordelijkheid van bedrijven	Sabine Denis	EN [q1] [30h] [4 Credits]	X	
☒ LLSMS2098	Corporate Social Responsibility	Carlos Desmet Valérie Swaen (compensates Ina Aust-Gronarz)	EN [q1] [30h] [4 Credits]	X	

o CEMS Option (15 credits)

All three courses have to be taken.

o LLSMS2111	International Business (in English)	Sunita Malhotra Frédéric Pouchain	EN [q1] [30h] [5 Credits]	X	
o LCEMS2108	International Financial Management for CEMS	Denis Knaepen	EN [q1] [30h] [5 Credits]	X	
o LLSMS2109	International Marketing Management (in English)	Isabelle Schuiling	EN [q1] [30h] [5 Credits]	X	

o Seminar (3 credits)

o LLSMD2090	Seminar on Relational and Managerial Competences	Patrice Gobert Pierre Meurens	EN [q1+q2] [45h] [3 Credits]	X	
-------------	--	----------------------------------	------------------------------	---	--

o Cems Activities (25 credits)

All 4 courses/activities have to be taken.

o LLSMF2013	Data Analytics applied in Business	Manuel Kolp Marco Saerens	EN [q2] [30h] [5 Credits]	X	
o LLSMF2016	Performance Management	Raphaël Betti Vincent Vanderborght	EN [q2] [30h] [5 Credits]	X	
o LCEMS2114	Business Analytics	Simon Hazée	EN [q2] [30h] [5 Credits]	X	
o LCEMS2915	Internship for CEMS		EN [q2] [] [10 Credits]	X	

o CEMS Annual Block 2

o LLSMD2901	Master's thesis		EN [q1+q2] [] [18 Credits]		X
o LLSMD2094	Master's Thesis Seminar	Chantal De Moerloose	EN [q1+q2] [30h] [2 Credits]	X	X

o CEMS LSM Q3 Courses (18 credits)

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

o LLSMS2116	Global Strategy	Benoît Gailly	EN [q1] [30h] [5 Credits]		X
o LLSMX2001	Regenerative Economy	Yves De Rongé Emmanuel Mossay	EN [q1] [30h] [5 Credits]		X
o LCEMS2341	Block Seminar (CEMS) : Supply Chain Management	Pierre Semal	EN [q1] [30h] [3 Credits]		X
o LLSMS2112	Supply Chain and sourcing	Per Joakim Agrell Constantin Blome	EN [q1] [30h] [5 Credits]		X

o List of electives (15 credits)

1 option among :

☒ Option International Finance (LLN) (15 credits)

o LLSMS2054	International Finance and crises management <i>To be replaced by a course from another option</i>	Bertrand Candelon	EN [q1] [30h] [5 Credits]		X
o LLSMS2027	Capital markets and innovations	Jean-Baptiste Hasse (compensates Bertrand Candelon) Leonardo Iania (compensates Bertrand Candelon)	EN [q1] [30h] [5 Credits]		X
o LLSMS2128	Central Banking and Financial Stability	Luc Henrard Ruben Olieslagers	EN [q1] [30h] [5 Credits]		X

☒ Option Financial Engineering (LLN) (15 credits)

o LLSMS2224	Forecasting	Bertrand Candelon	EN [q1] [30h] [5 Credits]		X
o LLSMS2225	Derivatives pricing	Frédéric Vrins	EN [q1] [30h] [5 Credits]		X

				Year	
				1	2
○ LLSMS2013	Investments	Leonardo Iania	EN [q1] [30h] [5 Credits]		x
⊗ Option Corporate sustainable Management (LLN) (15 credits)					
○ LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	EN [q1] [30h] [5 Credits]		x
○ LLSMS2281	Sustainable Management and Value Chains	Carsten Reuter	EN [q1] [30h] [5 Credits]		x
○ LLSMS2282	Finance and Responsible Investment Practices	Leonardo Iania	EN [q1] [30h] [5 Credits]		x
⊗ Option Marketing Strategy for Connected Brands (LLN) (15 credits)					
○ LLSMS2000	Marketing Research	Gordy Pleyers	EN [q1] [30h] [5 Credits]		x
○ LLSMS2002	International Marketing <i>To be replaced by a course from another option</i>	Thierry Jupsin	EN [q1] [30h] [5 Credits]		x
○ LLSMS2007	New Business Models and E-commerce	Paul Belleflamme	EN [q1] [30h] [5 Credits]		x
○ Option Sourcing and Procurement (15 credits)					
○ LLSMS2036	Supply Chain Procurement	Per Joakim Agrell Constantin Blome	EN [q1] [30h] [5 Credits]		x
○ LLSMS2037	Sourcing Strategy	Constantin Blome Michael Henke	EN [q1] [30h] [5 Credits]		x
○ LLSMS2038	Procurement Organisation and Scope	Constantin Blome	EN [q1] [30h] [5 Credits]		x
○ CEMS LSM Q4 Courses (27 credits)					
<i>CEMS Students who will be at LSM during Q4 have to take CEMS LSM Q4 compulsory courses (22 ECTS credits) + one course from the list of elective courses CEMS LSM Q4 (5 ECTS credits)</i>					
○ LCEMS2343	Global Citizenship	Isabelle Schuiling	EN [q2] [30h] [2 Credits]		x
○ LLSMS2117	Business Project (CEMS)	Christophe Lejeune	EN [q2] [30h] [15 Credits]		x
○ LLSMS2066	Global Leadership	Sunita Malhotra	EN [q2] [30h] [5 Credits]		x
○ List of elective courses CEMS LSM Q4 (5 credits)					
<i>One course to select among the list of elective courses CEMS LSM Q4 (5 ECTS credits)</i>					
⊗ LLSMS2032	Advanced Operations Management : Models and Applications (in English)	Philippe Chevalier	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2033	International Supply Chain Management	Per Joakim Agrell Philippe Chevalier	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2034	Supply Chain Planning (in English)	Marc Foret Mathieu Van Vyve	EN [q2] [30h] [5 Credits]		x
⊗ LLSMF2011	Knowledge Management (in English)	Julie Hermans Manuel Kolp	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2043	Innovation Policy and Ecosystems	Benoît Gailly	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2374	Economics of the Internet	Paul Belleflamme	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2140	Financial Risk	Anh Nguyen James Thewissen	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2012	Macro Finance	Leonardo Iania	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2226	Credit and interest rate risk	Frédéric Vrins	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2138	Big data in finance	Nathan Lassance	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2003	Brand Management (in English)	Isabelle Schuiling	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2004	Big Data/Data Mining Applied to Marketing	Ludovic Chevalier	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2283	Sustainable Human Resource Management and Leadership	Ina Aust-Gronarz	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2284	Corporate Sustainability Reporting and Marketing Strategy	Yves De Rongé Valérie Swaen	EN [q2] [30h] [5 Credits]		x
⊗ LCPME2005	Social and Sustainable Entrepreneurship	Julie Hermans	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2114	Entrepreneurship	Frank Janssen	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2299	New Economic Models	Yves De Rongé	EN [q2] [30h] [5 Credits]		x
○ LLSMS2223	Principles of banking regulation and supervision	Bertrand Candelon (compensates Leonardo Iania) Tom Dechaene	EN [q2] [30h] [5 Credits]		x

o CEMS Seminars

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

o Exchange

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

o CEMS Language Courses

Cems students can take 1 CEMS language course at UCL (ILV) to fulfill the CEMS language requirements. List available on uclouvain.be/en/faculties/ism/cems-curriculum.html

o Liste au choix de finalités INGE2M

o Professional Focus (30 credits)**o Content:**

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, they must add supplementary classes at the beginning of their Master's programme in order to obtain the prerequisites for these studies.

- Mandatory
- ⊗ Optional
- △ Not offered in 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- ⊕ Open to international students
- ⊗ Not open to international students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

o Preparatory module (60 credits)

Course prerequisites

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

INGE2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

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

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

Specific access requirements

DEADLINE TO SUBMIT A UCLouvain ONLINE REQUEST

- April 30 for applicants of non-European Union nationality who are not resident in Belgium and need a study visa;
- August 31 for all other candidates, resident or not in Belgium

Tuition fees 2021-2022

DIRECT ACCESS OR ACCESS BASED ON APPLICATION? >> CHECK THE REQUIREMENTS AND PROCEDURES IN THE TABLE HERE BELOW

I AM (future) HOLDER OF:

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor : Business Engineering (site of Louvain-la-Neuve) - INGE1BA		Direct access	> Direct online registration
Bachelor : Business Engineering (site of Mons) - INGM1BA		Direct access	> Direct online registration
Bachelor in Engineering (site of Louvain-la-Neuve) - FSA1BA	<ul style="list-style-type: none"> . Have followed the Minor in Management (basic knowledge) . Meet the general and specific access requirements 	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request
Other UCLouvain bachelors	Meet the general and specific access requirements	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request

Others Bachelors of the French speaking Community of Belgium			
Bachelier Ingénieur de gestion		Direct access	> Direct online registration
Other bachelors	Meet the general and specific access requirements	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request
Bachelors of the Dutch speaking Community of Belgium			
Bachelor in handelsingenieur/Business Engineering/Ingénieur de gestion		Direct access	> Direct online registration
Non-engineering bachelor's degree	Meet the general and specific access requirements	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request
Foreign Bachelors			
Non-belgian bachelor's university degree in Business Engineering or equivalent issued by a recognized academic institution	Meet the general and specific access requirements	Access based on application	If general and specific access requirements are met > Submit a UCLouvain online request

Non university Bachelors

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

Holders of a **bachelor's degree from long type belgian non-university higher education** in commercial engineering may, after analysis of the file by the jury and only if they have an average of at least 67% for the 3 years of bachelor's degree, access the Master's degree in business engineering, with maybe an additional teaching unit (EU) in "mathématiques avancées et fondement d'économétrie". > [Submit a UCLouvain online request](#)

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
Any belgian licence	Meet the general and specific access requirements	Access based on application	If general and specific access requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request
Non-belgian licence's degree (2nd cycle) issued by a recognized academic institution	Meet the general and specific access requirements	Access based on application	If general and specific access requirements are met > Submit a UCLouvain online request
Masters			
Master in Engineering issued by the UCLouvain	. Have followed the minor (1st cycle) in management AND/OR an option (2nd cycle) in management . Meet the general and specific access requirements	Access based on application	Content of the programme depend on the students' prior studies and their specialisation need. If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request

Belgian Master's degree comprising at least 45 course credits, at master's level, equivalent to the courses of the Master [120] in Business Engineering of the Louvain School of Management, giving the possibility of obtaining, in one year, the Master [120] in Business Engineering	Meet the general and specific access requirements	Access based on application	If general and specific access requirements are met > possibility to obtain, in one year, the Master's degree 120 credits in Business Engineering > Submit a UCLouvain online request
Any other belgian Master's	Meet the general and specific access requirements	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online request
Non-belgian Master's degree issued by a recognized academic institution	Meet the general and specific access requirements	Access based on application	If general and specific access requirements are met > Submit a UCLouvain online request
Non-belgian Master's degree, issued by a recognized academic institution, comprising at least 45 course credits, at master's level, equivalent to the courses of the Master [120] in Business Engineering of the Louvain School of Management, giving the possibility of obtaining, in one year, the Master [120] in Business Engineering	Meet the general and specific access requirements	Access based on application	If general and specific access requirements are met > possibility to obtain, in one year, the Master's degree 120 credits in Business Engineering > Submit a UCLouvain online request

Holders of a non-University 2nd cycle degree

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

Access based on validation of professional experience

> It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

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 based on application

Admission on the basis of a submitted dossier may be granted either directly or on the condition of completing additional coursework of a maximum of 60 ECTS credits, or refused.

Access based on application for (future) holders of a Belgian degree: you must of course meet the general and specific access requirements mentioned in the table above according to the degree you have or will obtain and then you must

1. [complete and submit an online application to UCLouvain and follow the procedure](#)
2. [additionally submit an online application directly to the faculty "Louvain School of Management" and send a dossier](#)

Access based on application for (future) holders of a non-Belgian degree: you must of course meet the general and specific access requirements mentioned in the table above according to the degree you have or will obtain and then you must [complete and submit an online application to UCLouvain and follow the procedure](#)

Admission and Enrolment Procedures for general registration

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's programme offers various internationalisation and mobility opportunities that will add value to your curriculum:

1. **A quadrimester abroad** (30 credits) as part of an [exchange programme](#) in one of the 145 worldwide recognised partner universities in management, some of which are part of the exclusive PIM (Partnership in International Management) network, have accreditations such as EQUIS,...
2. **A quadrimester in Flanders** (30 credits) as part of the [Erasmus Belgica](#) programme, at one of the 3 recognised partner universities in management.
3. The exclusive and unique opportunity in Belgium to follow the [prestigious Master's in International Management](#) organised by the [CEMS](#) network.
4. The opportunity to follow the **annual block 2 abroad** as part of the ['IB' International Business](#) programme, which includes a quadrimester abroad as part of an exchange programme at a partner university and a six-month work placement in a company outside Europe.
5. The possibility of acquiring **two Master's degrees** by combining a full year at LSM (UCLouvain) and another full year at a partner university. Several **'DD' double degrees and a DDD (Dedicated Double Degree)** are offered in partnership with 7 prestigious European universities.
6. The **possibility** for a student to follow the **entire programme in English**.

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

SSH/LSM

Denomination

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

Sector

Human Sciences ([SSH](#))

Acronym

LSM

Postal address

Place des Doyens 1 - bte L2.01.01

1348 Louvain-la-Neuve

Website

<http://www.uclouvain.be/lsm>

Mandate(s)

- Dean : Per Joakim Agrell
- Administrative director : Isabelle De Keyzer

Commission(s) of programme

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

Academic supervisor: [Paul Belleflamme](#)

Jury

- President of the jury - Prof. Benoît Gailly: president-jury-lln@uclouvain.be
- Secretary of the jury: [Paul Belleflamme](#)

Useful Contact(s)

- Admissions of belgian's degrees - Mrs Marie Lefevre: lsm-belgian-admissions@uclouvain.be
- Admissions of candidates holders of a non-belgian's degree - Mrs Estelle Tonon: lsm-international-admissions@uclouvain.be
- Studies Advisor: [Marie Lefevre](#)

