

**At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In English**Dissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **YES** - Activities in other languages : **optional**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**

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## INGE2M - Introduction

### Introduction

#### Introduction

The Master's 120 credits in Business Engineering is a two-year programme that is intended to strengthen the managerial abilities of students who, on top of their training in management, economics, and quantitative methods, also have a background in technologies (digital technologies, mechanical engineering and processes) and sciences (physics, chemistry).

#### Your profile

- You have a Bachelor's degree in economics and/or management;
- You have a Bachelor's degree in engineering or science with a minor in management and you wish to strengthen your managerial skills;
- You wish to become an ethical and community-minded leader;
- You are motivated by entrepreneurial drive and a desire to learn how to work effectively in a team;
- You are looking for a high-quality education, based on solid scientific knowledge, in the area of high-tech industry and services;
- You seek to develop concrete in-company experience and participate in the management of complex and innovative projects;
- You wish to develop your skills in the management of technologies.

#### Your future job

The Master's 120 credits in Business Engineering aims at developing competent leaders who are:

- **Ethical and community-minded** – that is, people who care about broader society, are willing to undertake cultural change for more ethical and sustainable developments, and can contribute to the common good by participating in the design of new political governance;
- **Entrepreneurial and innovative** – that is, people who are willing and able to launch innovative projects, solve complex problems by adopting a systemic perspective, and change business norms;
- **Responsible and inspiring** – that is, people who are free, talented and respectful of the talents of others, profoundly honest and tolerant, and also clear-sighted and dynamic personalities.

Our graduates can access the highest corporate management positions in multiple sectors. Besides consultancy, auditing, banking, sales and retail, graduates in Business Engineering are often found in the process, operations, and environmental management.

#### Your programme

The programme of the Master's 120 credits in Business engineering is composed of the following four components:

- **Core training.** All master's students must complete focus courses that equip them with the necessary knowledge and competences to achieve excellence and ethics in management in today's challenging world. Through these courses, students acquire a broad and solid grasp of the two forces that are deeply reshaping our society and economy – Resource and Energy Management, and Digital Business Systems – whilst being provided with the appropriate set of methods and guiding principles – Managing Complexity and Corporate Social Responsibility.
- **Business exposure.** Students get acquainted with the practical business environment in several ways. In the first term of the programme, students achieve a Technological Project under the joint supervision of professors and practitioners; the aim is to solve a real business problem and, thereby, to acquire a hands-on learning experience. In the fourth term, students must complete an internship of a minimum of 60 consecutive days. Two seminars also expose students to Current Managerial Issues (through testimonies of high-profile executives) and equip them with Relational and Managerial Competences.
- **Specialized training.** Students acquire in-depth education in some field of management by choosing a Major, that is, a group of five connected courses that focus on a given subject (finance, marketing, supply-chain, ...) or topic (innovation, sustainability, business analytics, ...). Students also hone their knowledge of a specific management issue through the autonomous, critical, and rigorous research they perform for the completion of their Master's thesis.
- **International exposure.** To prepare students for the global environment in which they will evolve, our programmes propose several ways for strengthening their flexibility, intercultural skills, and open-mindedness. Our Exchange Programme allows students to spend the third term of the programme in one of our 130+ partner universities throughout the world. Students who cannot seize this opportunity take a dedicated set of courses – including Cross-cultural Management and Language courses. Students in the Master's 120 credits in Business engineering can also apply to prime international tracks, namely the **CEMS** Master in International Management (exclusive entry point in Belgium) and an array of **double degree** programmes. Students are also regularly presented with global managerial issues and brought into contact with international organizations through a large array of activities.

## 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

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The Master's 120 credits in Business Engineering is a two-year programme consisting of four terms of 30 credits.

In this Master, each term is divided in two parts of six weeks. The courses are therefore given intensively during six weeks.

Assessments can be organised at the end of each six-week part or during the examination sessions at the end of the term in addition to the continuous assessment (intermediate tests, individual and group work) that is organised during that part.

ANNUAL BLOCK 1						ANNUAL BLOCK 2					
TERM 1			TERM 2			TERM 3			TERM 4		
Part 1	MIDTERM EVALUATION WEEK	Part 2	Part 1	MIDTERM EVALUATION WEEK	Part 2	Part 1	Part 2	JANUARY EXAM SESSION	Part 1	Part 2	
6-WEEK INTENSIVE COURSES		6-WEEK INTENSIVE COURSES	6-WEEK INTENSIVE COURSES		6-WEEK INTENSIVE COURSES	EXCHANGE (Optional) OR			INTERNSHIP		
						6-WEEK INTENSIVE COURSES	MIDTERM EVALUATION WEEK	6-WEEK INTENSIVE COURSES			
PROJECT											
SEMINARS						MASTER'S THESIS					
30 credits			30 credits			30 credits			30 credits		

## INGE2M Programme

### Detailed programme by subject

#### CORE COURSES [35.0]

In annual block 1, the student must take :

- **focus courses** (30 credits)
- **two seminars** (5 credits)
- **a major, composed of 5 courses**, (25 credits) to be chosen from the list below.

In annual block 2, the student must follow:

- if s.he does not go on exchange, the "**LSM courses (if no exchange)**" including 2 elective courses as well as a language course (15 credits) + **1 Option** (i.e. 3 courses for 15 credits) (see below)
- **the internship** (10 credits)
- **the Master's thesis and its seminar** (20 credits)

If you choose to follow a major and/or an option offered on the Mons site, please note that you can benefit from a financial support for the mobility.

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- ⊕ Open to incoming exchange students
- ⊗ Not open to incoming exchange 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	Mémoire		FR [q1+q2] [] [18 Credits] 🌐		x
○ LLSMS2220	Seminar on Current Managerial Issues	Per Joakim Agrell Prabal Shrestha	EN [q1+q2] [22.5h+7.5h] [2 Credits] 🌐	x	
○ LLSMD2094	Séminaire d'accompagnement du mémoire	Caroline Demeyere Evelyne Léonard	FR [q1+q2] [30h] [2 Credits] 🌐		x
○ LLSMD2090	Seminar on Relational and Managerial Competences	Matthieu de Nanteuil Caroline Demeyere Maria Roszkowska-Menkes	EN [q1+q2] [45h+7.5h] [3 Credits] 🌐	x	

### o Internship (10 credits)

⊗ LLSMD2915	Internship and Career development	Marie-Elodie Laurent Camilla Scola	EN [q1+q2] [30h] [10 Credits] 🌐		x
⊗ LLSMD2916	International Internship with coaching Only for IB students		EN [q2] [30h] [10 Credits] 🌐		x

### ⊗ Elective courses (instead of the internship) for INEO students (10 credits)

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

⊗ LLSMS2014	Entrepreneurial Finance	Raphaël Betti (compensates James Thewissen) Quentin Colmant	EN [q1] [30h] [5 Credits] 🌐		x
⊗ LSST1001	IngénieursSud	Stéphanie Merle Jean-Pierre Raskin	FR [q1+q2] [15h+45h] [5 Credits] 🌐		x
⊗ LLSMS2080	International Entrepreneurship Course available only after selection	Frank Janssen	EN [q2] [30h+30h] [5 Credits] 🌐		x
⊗ LLSMS2081	Strategic Management of Start ups	Maria Roszkowska-Menkes	EN [q2] [30h+30h] [5 Credits] 🌐		x
⊗ LINEO2005	Social and Sustainable Entrepreneurship	Sabine Denis (compensates Julie Hermans)	EN [q2] [30h] [5 Credits] 🌐		x
⊗ LLSMF2011	Knowledge Management	Julie Hermans Manuel Kolp	EN [q2] [30h] [5 Credits] 🌐		x
⊗ LEPL2021	Innovation classes for transition and sustainable development	Benoît Macq Xavier Marichal (compensates Benoît Raucent)	EN [q1] [30h+15h] [5 Credits] 🌐		x

## PROFESSIONAL FOCUS [30.0]

The professional focus courses are organised during the 6 first weeks of each term during the Annual block 1 (except specific profil).

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange 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:

○ LLSMF2901	<a href="#">Technological Project</a>	Olivier de Broqueville Tatiana Hendrix Manuel Kolp Bernard Paque Mathieu Van Vyve Jean Vanderdonck	EN [q1] [60h+15h] [10 Credits] 🌐	X	
○ LLSMF2903	<a href="#">Digital Business Systems</a>	Jérôme Coenraets Manuel Kolp Yves Wautelet (compensates Paul Belleflamme)	EN [q1] [22.5h+15h] [5 Credits] 🌐	X	

### o Corporate Social Responsibility (5 credits)

one course among :

⊗ LLSMF2905	<a href="#">Corporate Social Responsibility</a>	Sabine Denis (compensates Valérie Swaen) Corentin Hericher	EN [q1] [22.5h+7.5h] [5 Credits] 🌐	X	
⊗ LLSMS2397	<a href="#">Corporate Social Responsibility (in dutch)</a>	Sabine Denis	NL [q1] [30h] [5 Credits] 🌐	X	
○ LLSMF2902	<a href="#">Resource and Energy Management</a>	Paul Belleflamme Xavier Marichal Emmanuel Mossay Prabal Shrestha	EN [q2] [22.5h+15h] [5 Credits] 🌐	X	
○ LLSMF2904	<a href="#">Managing Complexity</a>	Régis Coeurderoy Leonardo Iania	EN [q2] [22.5h+15h] [5 Credits] 🌐	X	

## OPTIONS

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In annual block 1, the student must take :

- **focus courses** (30 credits)
- **two seminars** (5 credits)
- **a major, composed of 5 courses**, (25 credits) to be chosen from the list below.

In annual block 2, the student must follow:

- if s.he does not go on exchange, the "**LSM courses (if no exchange)**" including 2 elective courses as well as a language course (15 credits) + **1 Option** (i.e. 3 courses for 15 credits) (see below)
- **the internship** (10 credits)
- **the Master's thesis and its seminar** (20 credits)

If you choose to follow a major and/or an option offered on the Mons site, please note that you can benefit from a financial support for the mobility.

### Majors in Annual Block 1

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- > Major Supply Chain Management (LLN) [ en-prog-2024-inge2m-linge430o ]
- > Major Innovation Management (LLN) [ en-prog-2024-inge2m-linge431o ]
- > Major International Finance (LLN) [ en-prog-2024-inge2m-linge432o ]
- > Major Financial Engineering (LLN) [ en-prog-2024-inge2m-linge433o ]
- > Major Marketing Strategy for Connected Brands (LLN) [ en-prog-2024-inge2m-linge436o ]
- > Philippe de Woot Major in Corporate Sustainable Management (LLN) [ en-prog-2024-inge2m-linge474o ]
- > Major Energy Management (LLN) [ en-prog-2024-inge2m-linge476o ]
- > INEO - Interdisciplinary Program in Entrepreneurship (LLN) [ en-prog-2024-inge2m-linge440o ]
- > Major International Business (LLN) [ en-prog-2024-inge2m-linge441o ]
- > Major Business Analytics (Mons) [ en-prog-2024-inge2m-linge453o ]
- > Major Business Analytics & Digital Marketing (Mons) [ en-prog-2024-inge2m-linge455o ]
- > Major Tactical and Digital Marketing Decisions (Mons) [ en-prog-2024-inge2m-linge454o ]
- > Major Transportation Management (Mons) and Supply Chain (Louvain-la-Neuve) [ en-prog-2024-inge2m-linge456o ]
- > Major Finance and Transition (Mons) [ en-prog-2024-inge2m-linge457o ]

### LSM courses (if no exchange) during the 1st term of in annual bloc 2

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- > Elective courses [ en-prog-2024-inge2m-linge110o ]

### Options (if no exchange) during the 1st term of annual bloc 2

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- > Option International Finance (LLN) [ en-prog-2024-inge2m-linge574o ]
- > Option Financial Engineering (LLN) [ en-prog-2024-inge2m-linge575o ]
- > Option Marketing Strategy for Connected Brands (LLN) [ en-prog-2024-inge2m-linge576o ]
- > Option Corporate Sustainable Management (LLN) [ en-prog-2024-inge2m-linge589o ]
- > Option Sourcing and Procurement (LLN) [ en-prog-2024-inge2m-linge597o ]
- > Option Transport & Logistics (Mons) [ en-prog-2024-inge2m-linge578o ]
- > Option Entrepreneurship (Mons) [ en-prog-2024-inge2m-linge579o ]
- > Option Professional Immersion in Digital Marketing (Mons) [ en-prog-2024-inge2m-linge580o ]
- > Option Decision Marketing (Mons) [ en-prog-2024-inge2m-linge596o ]
- > Option Finance and Transition I (Mons) [ en-prog-2024-inge2m-mingm203o ]
- > Option Tax Systems (ICHEC) [ en-prog-2024-inge2m-linge581o ]
- > Option Development and Management: North-South perspectives (ICHEC) [ en-prog-2024-inge2m-lgest566o ]

### MAJORS IN ANNUAL BLOCK 1 [30.0]

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**MAJOR SUPPLY CHAIN MANAGEMENT (LLN) [25.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Supply Chain Management major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

**o Content:****o Term 1**

○ LLSMS2030	Supply Chain Management	Pierre Semal	EN [q1] [30h] [5 Credits] 🌐	X	
○ LLSMS2031	Tools for Supply Chain Management Decisions	Mathieu Van Vyve	EN [q1] [30h] [5 Credits] 🌐	X	

**o Term 2**

○ LLSMS2032	Advanced Operations Management : Models and Applications	Philippe Chevalier Olivier Corluy (compensates Philippe Chevalier)	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2034	Supply Chain Planning	Marc Foret (compensates Mathieu Van Vyve) Mathieu Van Vyve	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2035	Supply Chain Coordination and Sourcing	Per Joakim Agrell	EN [q2] [30h] [5 Credits] 🌐	X	

**MAJOR INNOVATION MANAGEMENT (LLN) [25.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Innovation Management major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

**o Content:****o Term 1**

○ LLSMS2040	<a href="#">Innovation Management I</a>	Benoît Gailly	EN [q1] [30h] [5 Credits] 🌐	X	
○ LLSMS2042	<a href="#">Innovation Management II</a>	Benoît Gailly	EN [q1] [30h] [5 Credits] 🌐	X	

**o Term 2**

○ LLSMF2011	<a href="#">Knowledge Management</a>	Julie Hermans Manuel Kolp	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2043	<a href="#">Innovation Policy and Ecosystems</a>	Benoît Gailly	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2041	<a href="#">Economics of Innovation</a>	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	<a href="#">International Entrepreneurship</a> <i>Attention: selection of students on the basis of application</i>	Frank Janssen	EN [q2] [30h+30h] [5 Credits] 🌐	X	
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**MAJOR INTERNATIONAL FINANCE (LLN) [25.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the International Finance major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

**o Content:****o Term 1**

○ LLSMS2027	Capital markets and innovations	Leonardo Iania	EN [q1] [30h] [5 Credits] 🌐	X	
○ LLSMS2054	International Finance and crisis management	Bertrand Candelon	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	EN [q2] [30h] [5 Credits] 🌐	X	

## MAJOR FINANCIAL ENGINEERING (LLN) [25.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Financial Engineering major](#).  
The courses of this major take place during the 6 last weeks of each term.

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	

#### o Term 2

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

## MAJOR MARKETING STRATEGY FOR CONNECTED BRANDS (LLN) [25.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Marketing Strategy for Connected Brands major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

### o Content:

#### o Term 1

○ LLSMS2000	Marketing Research	Gordy Pleyers	EN [q1] [30h] [5 Credits] 🌐	X	
○ LLSMS2008	Digital Marketing	Thierry Jupsin (compensates Isabelle Schuiling)	EN [q1] [30h] [5 Credits] 🌐	X	

#### o Term 2

○ LLSMS2003	Brand Management	Thierry Jupsin (compensates Isabelle Schuiling)	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2004	Big Data/Data Mining Applied to Marketing	Vincenzo Verardi	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2006	On-line and Off-line Communication Strategies	Doriane Magnus Gordy Pleyers	EN [q2] [30h] [5 Credits] 🌐	X	

## PHILIPPE DE WOOT MAJOR IN CORPORATE SUSTAINABLE MANAGEMENT (LLN) [25.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Philippe de Woot in Corporate Sustainable Management major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

### o Content:

#### o Term 1

● LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	EN [q1] [30h] [5 Credits] 🌐	X	
● LLSMS2282	Finance and Responsible Investment Practices	Leonardo Iania Claudio Vescovo	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	Maria Roszkowska- Menkes Valérie Swaen	EN [q2] [30h] [5 Credits] 🌐	X	
● LINEO2005	Social and Sustainable Entrepreneurship	Sabine Denis (compensates Julie Hermans)	EN [q2] [30h] [5 Credits] 🌐	X	

## MAJOR ENERGY MANAGEMENT (LLN) [25.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange 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	Pierre Semal	EN [q1] [30h] [5 Credits] 🌐	X	
● LLSMS2031	Tools for Supply Chain Management Decisions	Mathieu Van Vyve	EN [q1] [30h] [5 Credits] 🌐	X	

#### o Term 2

● LLSMS2051	Energy System Analysis	Pieter Vingerhoets Bert Willems	EN [q2] [30h] [5 Credits] 🌐	X	
● LLSMS2052	Energy Markets and Demand	Bert Willems	EN [q2] [30h] [5 Credits] 🌐	X	
● LLSMS2053	Energy and Transition Perspectives	Pieter Vingerhoets Bert Willems	EN [q2] [30h] [5 Credits] 🌐	X	

## INEO - INTERDISCIPLINARY PROGRAM IN ENTREPRENEURSHIP (LLN) [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

INEO is a major offered in 30 Master programmes, in 9 faculties of UCLouvain. It involves the completion of an interfaculty Master's thesis (in team) on a business creation project. Access to this major (as well as to each of the courses) is limited to selected students. All information on <https://uclouvain.be/en/study/ineo>.

Year

1 2

### Content:

#### Term 1

○ LINEO2001	Théorie de l'entrepreneuriat	Frank Janssen	FR [q1] [30h+20h] [5 Credits] 🌐	X	
○ LINEO2002	Aspects juridiques, économiques et managériaux de la création d'entreprise	Yves De Cordt Marine Falize	FR [q1] [30h+15h] [5 Credits] 🌐	X	

#### INEO Elective courses (5 credits)

Un cours parmi :

⊗ LLSMS2014	Entrepreneurial Finance	Raphaël Betti (compensates James Thewissen) Quentin Colmant	EN [q1] [30h] [5 Credits] 🌐	X	
⊗ LEPL2021	Innovation classes for transition and sustainable development	Benoît Macq Xavier Marichal (compensates Benoît Raucent)	FR [q1] [30h+15h] [5 Credits] 🌐	X	

#### Term 2

○ LINEO2003	Plan d'affaires et étapes-clefs de la création d'entreprise <i>The LINEO2003 courses are spread over the two annual blocks of the Master. The INEO student has to follow them already in the first year block, but will only be able to register the course in the second year block programme.</i>	Frank Janssen	FR [q2] [30h+15h] [5 Credits] 🌐		X
○ LINEO2004	Séminaire d'approfondissement en entrepreneuriat	Frank Janssen	FR [q2] [30h+15h] [5 Credits] 🌐	X	

#### INEO Elective courses (5 credits)

1 cours parmi :

⊗ LLSMS2080	International Entrepreneurship <i>Attention: selection of students on the basis of application</i>	Frank Janssen	FR [q2] [30h+30h] [5 Credits] 🌐	X	
⊗ LLSMS2081	Strategic Management of Start ups	Maria Roszkowska-Menkes	FR [q2] [30h+30h] [5 Credits] 🌐	X	
⊗ LINEO2005	Social and Sustainable Entrepreneurship	Sabine Denis (compensates Julie Hermans)	EN [q2] [30h] [5 Credits] 🌐	X	
⊗ LSST1001	IngénieursSud	Stéphanie Merle Jean-Pierre Raskin	FR [q1+q2] [15h+45h] [5 Credits] 🌐	X	
⊗ LLSMF2011	Knowledge Management	Julie Hermans Manuel Kolp	EN [q2] [30h] [5 Credits] 🌐	X	





**MAJOR INTERNATIONAL BUSINESS (LLN) [25.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Access to this major is limited to students selected to the 'IB' Programme on the basis of an application file. [More informations about the 'IB' Programme and the selection.](#)

Here is the [brochure presenting the International Business major.](#)

The courses of this major take place during the 6 last weeks of each term.

Year

1 2

**o Content:****o Term 1**

○ LLSMS2014	Entrepreneurial Finance	Raphaël Betti (compensates) James Thewissen Quentin Colmant	EN [q1] [30h] [5 Credits] 🌐	X	
○ LLSMS2030	Supply Chain Management	Pierre Semal	EN [q1] [30h] [5 Credits] 🌐	X	

**o Term 2 (15 credits)**

○ LLSMS2065	Cross Cultural Competences and Management	Ina Aust-Gronarz	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2114	Entrepreneurship: topical and international aspects	Frank Janssen	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2007	Platform Strategies	Paul Belleflamme	EN [q2] [30h] [5 Credits] 🌐	X	

**MAJOR BUSINESS ANALYTICS (MONS) [25.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Business Analytics major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

**o Content:****o Term 1**

○ MLSMM2151	Data Mining	Abdessamad Ait El Cadi	FR [q1] [30h] [5 Credits] 🌐	X	
○ MLSMM2153	Web Mining	François Fouss Corentin Vande Kerckhove	FR [q1] [30h] [5 Credits] 🌐	X	

**o Term 2**

○ MLSMM2154	Machine Learning	Marco Saerens	EN [q2] [30h] [5 Credits] 🌐	X	
○ MLSMM2155	Quantitative Decision Making	Luciano Porretta (compensates Daniele Catanzaro)	EN [q2] [30h] [5 Credits] 🌐	X	
○ MLSMM2156	Recommender Systems	Corentin Vande Kerckhove	EN [q2] [30h] [5 Credits] 🌐	X	

**MAJOR BUSINESS ANALYTICS & DIGITAL MARKETING (MONS) [25.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Business Analytics & Digital Marketing major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

**1 2****o Content:****o Term 1**

○ MLSMM2151	Data Mining	Abdessamad Ait El Cadi	[FR] [q1] [30h] [5 Credits] 🌐	X	
○ MLSMM2153	Web Mining	François Fouss Corentin Vande Kerckhove	[FR] [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 TACTICAL AND DIGITAL MARKETING DECISIONS (MONS)

[25.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Tactical and Digital Marketing Decisions major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

### o Content:

#### o Term 1

○ 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 TRANSPORTATION MANAGEMENT (MONS) AND SUPPLY CHAIN (LOUVAIN-LA-NEUVE) [25.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Here is the [brochure presenting the Transportation Management \(Mons\) and Supply Chain \(LLN\) major](#).  
The courses of this major take place during the 6 last weeks of each term.

Year

1 2

### o Content:

#### o Term 1 (10 credits)

○ 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 (LLN)

○ LLSMS2032	Advanced Operations Management : Models and Applications	Philippe Chevalier Olivier Corluy (compensates Philippe Chevalier)	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2034	Supply Chain Planning	Marc Foret (compensates Mathieu Van Vyve) Mathieu Van Vyve	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2035	Supply Chain Coordination and Sourcing	Per Joakim Agrell	EN [q2] [30h] [5 Credits] 🌐	X	

**MAJOR FINANCE AND TRANSITION (MONS) [30.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

*This major takes place during the 6 last weeks of each term.*

*Students who choose this major will have a Master's degree of more than 120 credits. Students who do not wish to exceed 120 Master's credits are invited to choose another major.*

Year

1 2

**o Content:****o Term 1**

○ MLSMM2122	Firm Valuation	Mikael Petitjean Xavier Suin	EN [q1] [30h] [5 Credits] 🌐	X	
○ MLSMM2123	Issues in Sustainable Finance	Anh Nguyen (compensates Isabelle Platten) Frédéric Vrins	FR [q1] [30h] [5 Credits] 🌐	X	
○ MLSMM2124	Judgment and Decision Making	Rudy De Winne	FR [q1] [30h] [5 Credits] 🌐	X	

**o Term 2**

○ MLSMM2125	Portfolio Management	Catherine D'Hondt	EN [q2] [30h] [5 Credits] 🌐	X	
○ MLSMM2126	Institutional Investors	Nathan Lassance	EN [q2] [30h] [5 Credits] 🌐	X	
○ MLSMM2121	Risk Management	Isabelle Platten	FR [q2] [30h] [5 Credits] 🌐	X	

## LSM COURSES (IF NO EXCHANGE) DURING THE 1ST TERM OF IN ANNUAL BLOC 2 [15.0]

### ELECTIVE COURSES [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange 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: (15 credits)

#### o LSM elective courses (10 credits)

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

⊗ LLSMS2090	<a href="#">Audit and Control</a>	Anne-Catherine Provost	EN [q1] [30h] [5 Credits] 🌐		X
⊗ LLSMF2009	<a href="#">Taxation</a>	Marie Lamensch	EN [q1] [30h] [5 Credits] 🌐		X
⊗ LLSMF2015	<a href="#">Strategic Innovation Management</a> <i>If you select this course, you won't be able to register to the LLSMS2103 International Strategic Management course</i>	Mahamadou Biga Diambeidou Mahamadou Biga Diambeidou (compensates Alain Vas)	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		X
⊗ LLSMS2103	<a href="#">International Strategic Management</a> <i>If you select this course, you won't be able to register to the LLSMF2015 Strategic Innovation Management</i>	Mahamadou Biga Diambeidou	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		X
⊗ LLSMS2091	<a href="#">Cross Cultural Competences and Management</a> <i>This course can only be chosen as an elective if it is not part of the Option (15 credits) chosen by the student</i>	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		X
⊗ LLSMS2221	<a href="#">Tutorat et approfondissement</a> <i>Only for students who have acquired, in block 1, the credits of a course that is subject to an extension in the framework of this course</i>		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	<a href="#">Advanced Business English</a> <i>6 groups of max. 25 students/group (see ILV for details and registration)</i>	Nicholas Gibbs (coord.) Adrien Kefer Caroline Lambert Marine Volpe	EN [q1] [15h] [5 Credits] 🌐 > French-friendly		X
⊗ LMULT2223	<a href="#">Reading comprehension and vocabulary extension: economic and commercial texts in English</a>	Marie-Aude Lefer (compensates Sylvie De Cock)	EN [q1] [22.5h] [5 Credits] 🌐		X
⊗ LMULT2421	<a href="#">Economic, legal, social and political issues in English-speaking countries</a> <i>Compulsory attendance, limited access (max. 15 students)</i>	Paul Arblaster	EN [q1] [30h+15h] [5 Credits] 🌐		X
⊗ LMULT2424	<a href="#">Oral business communication techniques in English (Part 1)</a> <i>Compulsory attendance, limited access (max. 15 students)</i>	Stéphanie Brabant Sylvie De Cock Katherine Opello	EN [q1] [15h+15h] [5 Credits] 🌐		X

##### ⊗ Dutch Courses (5 credits)

⊗ LMULT2233	<a href="#">Reading comprehension and vocabulary extension: economic and commercial texts in Dutch</a>	Marlène Vrancx	NL [q1] [22.5h] [5 Credits] 🌐		X
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				Year	
				1	2
LMULT2431	Economic, legal, social and political issues in Dutch-speaking countries	Katrien De Rycke Matthieu Sergier (compensates) Philippe Hilgsmann)	NL [q1] [30h+15h] [5 Credits] 🌐		X
LMULT2434	Oral business communication techniques in Dutch (Part 1)	Anne Goedgezelschap Sara Jonkers	NL [q1] [15h+15h] [5 Credits] 🌐		X
LNEER2602	Seminar of professional integration: Dutch - advanced level	Isabelle Demeulenaere (coord.)	NL [q1] [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-C08I7A)		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>	Manon Hermann Ann Rinder	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>	Mélanie Mottin (compensates) Ann Rinder	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] [45h] [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 (coord.)	ES [q1] [45h] [5 Credits] 🌐		X

#### French Courses (5 credits)

Only for non native French speakers.

LFRAN1405	French - French as a university language - Objective B2 <i>Limited access (see ILV)</i>	Geneviève Briet (coord.)	FR [q1] [30h] [5 Credits] 🌐		X
LFRAN1505	French - Professional communication strategies - Objective C1 <i>Limited access (see ILV)</i>	Florence Simon (coord.)	FR [q2] [30h] [5 Credits] 🌐		X

## OPTIONS (IF NO EXCHANGE) DURING THE 1ST TERM OF ANNUAL BLOC 2 [15.0]

### OPTION INTERNATIONAL FINANCE (LLN) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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

#### o Content:

○ LLSMS2054	<a href="#">International Finance and crisis management</a> <i>For CEMS students, this course will be replaced by a course from another option.</i>	<a href="#">Bertrand Candelon</a>	EN [q1] [30h] [5 Credits] 🌐		X
○ LLSMS2027	<a href="#">Capital markets and innovations</a>	<a href="#">Leonardo Iania</a>	EN [q1] [30h] [5 Credits] 🌐		X
○ LLSMS2091	<a href="#">Cross Cultural Competences and Management</a>	<a href="#">Ina Aust-Gronarz</a> <a href="#">Edina Dóci</a>	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		X

### OPTION FINANCIAL ENGINEERING (LLN) [15.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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 Financial Engineering and the Major International Finance

Year

1 2

#### o Content:

○ LLSMS2224	<a href="#">Forecasting</a>	<a href="#">Bertrand Candelon</a>	EN [q1] [30h] [5 Credits] 🌐		X
○ LLSMS2091	<a href="#">Cross Cultural Competences and Management</a>	<a href="#">Ina Aust-Gronarz</a> <a href="#">Edina Dóci</a>	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		X
○ LLSMS2225	<a href="#">Derivatives pricing</a>	<a href="#">Frédéric Vrins</a>	EN [q1] [30h] [5 Credits] 🌐		X

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

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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	<b>Marketing Research</b>	Gordy Pleyers	EN [q1] [30h] [5 Credits] 🌐		X
● LLSMS2008	<b>Digital Marketing</b> <i>For CEMS students, this course will be replaced by a course from another option.</i>	Thierry Jupsin (compensates Isabelle Schuiling)	EN [q1] [30h] [5 Credits] 🌐		X
● LLSMS2091	<b>Cross Cultural Competences and Management</b>	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		X

**OPTION CORPORATE SUSTAINABLE MANAGEMENT (LLN) [15.0]**

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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	<b>Business Ethics and Compliance Management</b>	Carlos Desmet	EN [q1] [30h] [5 Credits] 🌐		X
● LLSMS2282	<b>Finance and Responsible Investment Practices</b>	Leonardo Iania Claudio Vescovo	EN [q1] [30h] [5 Credits] 🌐		X
● LLSMS2091	<b>Cross Cultural Competences and Management</b>	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [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 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange 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:

● LLSMS2036	Supply Chain Procurement	Per Joakim Agrell Antony Paulraj	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 Canan Kocabasoglu Hillmer (compensates Constantin Blome)	EN [q1] [30h] [5 Credits] 🌐		x

**OPTION TRANSPORT & LOGISTICS (MONS) [15.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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

**o 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 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

*This option is co-organised with the Haute Ecole Louvain en Hainaut (HELHa)*

Year

1 2

**o Content:**

○ MLSMM2261	Collective Entrepreneurship	Julie Hermans	FR [q1] [30h] [5 Credits] 🌐		X
○ MLSMM2262	Technological Entrepreneurship	David Valentiny (compensates Julie Hermans)	FR [q1] [30h] [5 Credits] 🌐		X
○ MLSMM2263	Entrepreneurial Change Making	Amélie Jacquemin	EN [q1] [30h] [5 Credits] 🌐 > French-friendly		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 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- ⊕⊖ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange 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:

○ MLSMM2234	<a href="#">Professional Immersion in Digital Marketing Internship</a> <i>This teaching unit replaces the mandatory Master's internship for students enrolled in this option.</i>	Ingrid Poncin (coord.)	FR [q1+q2] [0h+0h] [10 Credits] 🌐			X
○ MLSMM2162	<a href="#">Coaching</a>	Karine Charry Ingrid Poncin	FR [q2] [30h] [5 Credits] 🌐			X
○ MLSMM2264	<a href="#">Coaching advanced</a>	Christophe Lejeune Ingrid Poncin	FR [q1] [30h] [5 Credits] 🌐			X
○ MLSMM2231	<a href="#">Digital Data Analysis</a> <i>This teaching unit takes place in the second semester in parallel with the seminars.</i>	Simon Hazée	FR [q2] [30h] [5 Credits] 🌐			X

**OPTION DECISION MARKETING (MONS) [15.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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 Tactical and Digital Marketing Decisions*

Year

1 2

**Content:**

○ MLSMM2131	Retailing & Distribution Management	Simon Hazée	FR [q1] [30h] [5 Credits] 🌐 > English-friendly		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 FINANCE AND TRANSITION I (MONS) [15.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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 Finance and Transition (previously called Financial Management)*

Year

1 2

**Content:**

○ MLSMM2122	Firm Valuation	Mikael Petitjean Xavier Suin	EN [q1] [30h] [5 Credits] 🌐		X
○ MLSMM2123	Issues in Sustainable Finance	Anh Nguyen (compensates Isabelle Platten) Frédéric Vrins	FR [q1] [30h] [5 Credits] 🌐		X
○ MLSMM2124	Judgment and Decision Making	Rudy De Winne	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 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] 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)		[FR] [q1] [60h] [3 Credits] 🌐		x
● LFISC2220	Corporate tax and reporting practice (in French)		[FR] [q1] [60h] [8 Credits] 🌐		x
● LFISC2230	Introduction to International and European Taxation (in French)		[FR] [q1] [60h] [4 Credits] 🌐		x



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

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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:

Course Code	Course Title	Teaching Language	Hours	Credits	Open to incoming exchange students	Year 1	Year 2
LPEDV2210	North-South Project management	FR	[q1] [60h]	[5 Credits]	🌐		X
LPEDV2220	Development specificities & Interculturality	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-2024-inge2m-programme) [ <https://uclouvain.be/en-prog-2024-inge2m-programme> ]

## MASTER [120] : BUSINESS ENGINEERING [CEMS PROGRAMME]

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange 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

Students who choose the CEMS programme will have a Master's degree of more than 120 credits. Students who do not wish to exceed 120 Master's credits are invited to choose another programme.

#### o CEMS Option (30 credits)

All the courses and activities have to be taken.

Course Code	Course Title	Instructor	Teaching Language	Hours	Credits	Open to incoming exchange students	Year 1	Year 2
LCEMS2111	International Business	Sunita Malhotra Frédéric Pouchain	EN	[q1] [30h]	[5 Credits]	🌐		X
LCEMS2108	International Financial Management for CEMS	Denis Knaepen	EN	[q2] [30h]	[5 Credits]	🌐		X
LCEMS2109	International Marketing Management	Nicolas Lambert (compensates Isabelle Schuiling)	EN	[q1] [30h]	[5 Credits]	🌐		X
LCEMS2114	Business Analytics	Simon Hazée	EN	[q1] [30h]	[5 Credits]	🌐		X

				Year	
				1	2
○ LCEMS2915	Internship and Career development	Marie-Elodie Laurent Camilla Scola	EN [q1+q2] [15h] [10 Credits]	x	
<b>○ Seminar (5 credits)</b>					
○ LLSMD2090	Seminar on Relational and Managerial Competences	Mathieu de Nanteuil Caroline Demeyere Maria Roszkowska-Menkes	EN [q1+q2] [45h+7.5h] [3 Credits]	x	
○ LLSMS2220	Seminar on Current Managerial Issues	Per Joakim Agrell Prabal Shrestha	EN [q1+q2] [22.5h+7.5h] [2 Credits]	x	
<b>○ CEMS Annual Block 2</b>					
○ LLSMD2901	Mémoire		EN [q1+q2] [] [18 Credits]		x
○ LLSMD2094	Séminaire d'accompagnement du mémoire	Caroline Demeyere Evelyne Léonard	EN [q1+q2] [30h] [2 Credits]	x	x
<b>○ CEMS LSM Q3 Courses (13 credits)</b>					
<i>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.</i>					
○ LCEMS2116	Global Strategy	Benoît Gailly	EN [q1] [30h] [5 Credits]		x
○ LCEMS2341	Block Seminar (CEMS) : Supply Chain Management	Per Joakim Agrell Constantin Blome	EN [q1] [30h] [3 Credits]		x
○ LCEMS2112	Supply Chain and sourcing	Per Joakim Agrell Constantin Blome	EN [q1] [30h] [5 Credits]		x
<b>○ CEMS LSM Q4 Courses (27 credits)</b>					
<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	Valérie Swaen	EN [q2] [30h] [2 Credits]		x
○ LCEMS2117	Business Project (CEMS)	Per Joakim Agrell	EN [q2] [30h] [15 Credits]		x
○ LCEMS2066	Global Leadership	Sunita Malhotra	EN [q2] [30h] [5 Credits]		x
<b>○ List of elective courses CEMS LSM Q4 (5 credits)</b>					
<i>One course to select among</i>					
⊗ LLSMS2032	Advanced Operations Management : Models and Applications	Philippe Chevalier Olivier Corluy (compensates Philippe Chevalier)	EN [q2] [30h] [5 Credits]		x
⊗ LLSMS2034	Supply Chain Planning	Marc Foret (compensates Mathieu Van Vyve) Mathieu Van Vyve	EN [q2] [30h] [5 Credits]		x
⊗ LLSMF2011	Knowledge Management	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		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	Thierry Jupsin (compensates Isabelle Schuiling)	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	Maria Roszkowska-Menkes Valérie Swaen	EN [q2] [30h] [5 Credits]		x

				Year	
				1	2
⌘ LINEO2005	Social and Sustainable Entrepreneurship	Sabine Denis (compensates Julie Hermans)	EN [q2] [30h] [5 Credits] 🌐		x
⌘ LLSMS2114	Entrepreneurship: topical and international aspects	Frank Janssen	EN [q2] [30h] [5 Credits] 🌐		x
⌘ LLSMS2223	Principles of banking regulation and supervision	Bertrand Candelon	EN [q2] [30h] [5 Credits] 🌐		x
⌘ LLSMS2051	Energy System Analysis	Pieter Vingerhoets Bert Willems	EN [q2] [30h] [5 Credits] 🌐		x
⌘ LLSMS2052	Energy Markets and Demand	Bert Willems	EN [q2] [30h] [5 Credits] 🌐		x
⌘ LLSMS2053	Energy and Transition Perspectives	Pieter Vingerhoets Bert Willems	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.

**⌘ CEMS Language Courses**

Cems students can take 1 CEMS language course at UCLouvain (ILV) to fulfill the CEMS language requirements. List available on [uclouvain.be/en/faculties/lsm/cems-curriculum.html](https://uclouvain.be/en/faculties/lsm/cems-curriculum.html)

**o Professional Focus**

**o Professional Focus (30 credits)**

**o Content:**

⌘ LLSMS2901	Consulting Project	Raphaël Betti Loïc Decaux Corentin Hericher Ruben Olieslagers James Thewissen Vincent Vanderborght Vincenzo Verardi	EN [q1] [60h+15h] [10 Credits] 🌐		x
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**o Corporate Social Responsibility (5 credits)**

1 course between :

⌘ LLSMS2397	Corporate Social Responsibility (in dutch)	Sabine Denis	NL [q1] [30h] [5 Credits] 🌐		x
⌘ LLSMS2905	Corporate Social Responsibility	Sabine Denis (compensates Valérie Swaen) Corentin Hericher	EN [q1] [22.5h+7.5h] [5 Credits] 🌐		x
⌘ LLSMF2902	Resource and Energy Management	Paul Belleflamme Xavier Marichal Emmanuel Mossay Prabal Shrestha	EN [q2] [22.5h+15h] [5 Credits] 🌐		x
⌘ LLSMF2904	Managing Complexity	Régis Coeurderoy Leonardo Iania	EN [q2] [22.5h+15h] [5 Credits] 🌐		x
⌘ LLSMF2903	Digital Business Systems	Jérôme Coenraets Manuel Kolp Yves Wautelet (compensates Paul Belleflamme)	EN [q1] [22.5h+15h] [5 Credits] 🌐		x

**o List of electives**

CEMS Students who will be at LSM during Q3 need to take one option among the list below

**⌘ Option Marketing Strategy for Connected Brands (LLN) (15 credits)**

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

**o Content:**

⌘ LLSMS2000	Marketing Research	Gordy Players	EN [q1] [30h] [5 Credits] 🌐		x
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				Year	
				1	2
○ LLSMS2008	Digital Marketing <i>For CEMS students, this course will be replaced by a course from another option.</i>	Thierry Jupsin (compensates Isabelle Schulling)	EN [q1] [30h] [5 Credits]		X
○ LLSMS2091	Cross Cultural Competences and Management	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [5 Credits]		X

### ⌘ Option International Finance (LLN) (15 credits)

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

#### ○ Content:

○ LLSMS2054	International Finance and crisis management <i>For CEMS students, this course will be replaced by a course from another option.</i>	Bertrand Candelon	EN [q1] [30h] [5 Credits]		X
○ LLSMS2027	Capital markets and innovations	Leonardo Iania	EN [q1] [30h] [5 Credits]		X
○ LLSMS2091	Cross Cultural Competences and Management	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [5 Credits]		X

### ⌘ Option Corporate Sustainable Management (LLN) (15 credits)

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

#### ○ Content:

○ LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet	EN [q1] [30h] [5 Credits]		X
○ LLSMS2282	Finance and Responsible Investment Practices	Leonardo Iania Claudio Vescovo	EN [q1] [30h] [5 Credits]		X
○ LLSMS2091	Cross Cultural Competences and Management	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [5 Credits]		X

### ⌘ Option Sourcing and Procurement (LLN) (15 credits)

#### ○ Content:

○ LLSMS2036	Supply Chain Procurement	Per Joakim Agrell Antony Paulraj	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 Canan Kocabasoglu Hillmer (compensates Constantin Blome)	EN [q1] [30h] [5 Credits]		X

### ⌘ Option Financial Engineering (LLN) (15 credits)

#### ○ Content:

○ LLSMS2224	Forecasting	Bertrand Candelon	EN [q1] [30h] [5 Credits]		X
○ LLSMS2225	Derivatives pricing	Frédéric Vrins	EN [q1] [30h] [5 Credits]		X
○ LLSMS2091	Cross Cultural Competences and Management	Ina Aust-Gronarz Edina Dóci	EN [q1] [22.5h+7.5h] [5 Credits]		X

## Supplementary classes

**To access this Master, students must have a good command of certain subjects. If this is not the case, in the first annual block of their Masters programme, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.**

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- ⊕ Open to incoming exchange students
- ⊖ Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

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## o Preparatory module (60 credits)

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## Course prerequisites

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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

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For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies 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.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

**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

**Deadlines for applying to UCLouvain (different depending on your nationality, visa requirements,...)**

**Please note that attendance to classes is compulsory from the beginning of the academic year.**

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**Tuition fees 2024-2025**  
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**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
<b>UCLouvain Bachelors</b>			
<a href="#">Bachelor : Business Engineering</a> (site of Louvain-la-Neuve) - INGE1BA		Direct access	> <a href="#">Direct online registration</a>
<a href="#">Bachelor : Business Engineering</a> (site of Mons) - INGM1BA		Direct access	> <a href="#">Direct online registration</a>
<a href="#">Bachelor : Business Engineering</a> (site de Bruxelles - Saint-Louis) - INGB1BA		Direct access	> <a href="#">Direct online registration</a>
<a href="#">Bachelor : Business Engineering (French-English)</a> (site de Bruxelles - Saint-Louis) - INAB1BA		Direct access	> <a href="#">Direct online registration</a>
<a href="#">Bachelor : Business Engineering (French-Dutch-English)</a> (site de Bruxelles - Saint-Louis) - INTB1BA		Direct access	> <a href="#">Direct online registration</a>
<a href="#">Bachelor of Science in Business Engineering</a> (site de Bruxelles - Saint-Louis) - BBEB1BA		Direct access	> <a href="#">Direct online registration</a>
<a href="#">Bachelor in Engineering</a> (site of Louvain-la-Neuve) - FSA1BA	<ul style="list-style-type: none"> <li>. Have followed the <a href="#">Minor in Management (basic knowledge)</a></li> <li>. Meet the <a href="#">general and specific access requirements</a></li> </ul>	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 > you must : . fill in the <a href="#">prerequisite analysis form</a> and send it back to <a href="mailto:lsm-belgian-admissions@uclouvain.be">lsm-belgian-admissions@uclouvain.be</a> and . also <a href="#">submit a UCLouvain online access request</a>
Other UCLouvain bachelors	Meet the <a href="#">general and specific access requirements</a>	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 > you must : . fill in the <a href="#">prerequisite analysis form</a> and send it back to <a href="mailto:lsm-belgian-admissions@uclouvain.be">lsm-belgian-admissions@uclouvain.be</a> and . also <a href="#">submit a UCLouvain online access request</a>
<b>Others Bachelors of the French speaking Community of Belgium</b>			
Bachelier Ingénieur de gestion		Direct access	> <a href="#">Direct online registration</a>
Other bachelors	Meet the <a href="#">general and specific access requirements</a>	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 > you must : . fill in the <a href="#">prerequisite analysis form</a> and send it back to <a href="mailto:lsm-belgian-admissions@uclouvain.be">lsm-belgian-admissions@uclouvain.be</a> and . also <a href="#">submit a UCLouvain online access request</a>
<b>Bachelors of the Dutch speaking Community of Belgium</b>			
Bachelor in handelsingenieur/Business Engineering/Ingénieur de gestion		Direct access	> <a href="#">Direct online registration</a>
Other bachelors	Meet the <a href="#">general and specific access requirements</a>	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 > you must : . fill in the <a href="#">prerequisite analysis form</a> and send it back to <a href="mailto:lsm-belgian-admissions@uclouvain.be">lsm-belgian-admissions@uclouvain.be</a> and . also <a href="#">submit a UCLouvain online access request</a>
<b>Foreign Bachelors</b>			
Non-Belgian bachelor's university degree in Business Engineering or equivalent issued by a recognized academic institution	Meet the <a href="#">general and specific access requirements</a>	Access based on application	If general and specific access requirements are met > <a href="#">Submit a UCLouvain online request</a>

## 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 **bachelor's degree from short type Belgian non-university higher education** do not have access to the 120-credit Master's degree in Business engineering.

However, some of them may have access to the [60-credit Master's degree in management](#) and the [120-credit Master's degree in management](#) with the addition of a minimum of 45 credits and a maximum of 60 credits of additional teaching units (UE) (= Preparatory module).

## Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
<b>"Licenciés"</b>			
Any Belgian licence	Meet the <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	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 > you must : <ul style="list-style-type: none"> <li>. fill in the <a href="#">prerequisite analysis form</a> and send it back to <a href="mailto:lsm-belgian-admissions@uclouvain.be">lsm-belgian-admissions@uclouvain.be</a> and</li> <li>. also <a href="#">submit a UCLouvain online access request</a></li> </ul>
Non-Belgian licence's degree (2nd cycle) issued by a recognized academic institution	Meet the <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	If general and specific access requirements are met > <a href="#">Submit a UCLouvain online access request</a>
<b>Masters</b>			
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 <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	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 > <a href="#">Submit a UCLouvain online access request</a>
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 <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	If general and specific access requirements are met > possibility to obtain, in one year, the Master's degree 120 credits in Business Engineering > <a href="#">Submit a UCLouvain online access request</a>
Any other Belgian Master's	Meet the <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	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 > you must : <ul style="list-style-type: none"> <li>. fill in the <a href="#">prerequisite analysis form</a> and send it back to <a href="mailto:lsm-belgian-admissions@uclouvain.be">lsm-belgian-admissions@uclouvain.be</a> and</li> <li>. also <a href="#">submit a UCLouvain online access request</a></li> </ul>
Non-Belgian Master's degree issued by a recognized academic institution	Meet the <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	If general and specific access requirements are met > <a href="#">Submit a UCLouvain online access request</a>
Non-Belgian Master's degree, issued by a recognized	Meet the <a href="#">general and specific access requirements</a>	<a href="#">Access based on application</a>	If general and specific access requirements are met >

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

possibility to obtain, in one year, the Master's degree 120 credits in Business Engineering  
> [Submit a UCLouvain online access request](#)

## Holders of a non-University 2nd cycle degree

Degrees and titles corresponding to 2nd cycle non-university degrees do not allow access to the programme.

## 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](#).

For professionals who wish to acquire a basic education in management sciences, the [Master \[60\] in Management \(shift schedule\)](#) (entirely in French) is made for you. You can also have a look at the [executive education proposed at the Louvain School of Management](#).

## Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

Access based on application for (future) holders of a **Belgian or 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

Before submitting an access request, we invite you to look carefully at the table above and see if access is possible.

If you think you have access to this Master, here is how the procedure will work:

1. You must submit an [online access request](#), after filling in all the required fields and providing the required documents.
2. The central service of the university will check your application.
3. If you have an access on file, the central service will forward your file to the faculty (Louvain School of Management) which will analyse your access in relation to the specific conditions visible in the table above.
4. The positive or negative decision of the faculty is then transmitted to the central service.
5. The central service will check various final elements before sending you the final decision, which will be either a refusal or the "Autorisation d'inscription" document. The latter will allow you to register officially at the university.

## Teaching method

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The quality of our Master's programme is continuously monitored by external auditors through the EQUIS international accreditation process. In terms of teaching methods, the two main strengths of our programmes are:

- **An education that mixes academic knowledge and professional practice**

Blended training is provided by academics who are top researchers in their fields and professionals, specially selected for their experience and widely renowned expertise. As a result, students are exposed to the latest scientific advances in management studies and their application in business life. Formal teaching is complemented with a hands-on learning experience that students acquire in various ways (group projects in connection with organizations, internship, master's thesis). Students can also access a wide array of extra-curricular activities organised by the School's Corporate Unit.

- **A focus on active learning and the development of multidisciplinary skills**

We have created a learning environment that combines a variety of interactive teaching methods: lectures, case studies, group assignments, individual and group projects, problem-solving, flipped classrooms, business games, invited speakers. To optimize the learning experience, we blend theoretical and practical work, hard and soft skills, as well as in-person and online teaching activities. Courses are bundled in modular parts of six weeks to strengthen the acquisition of knowledge and competences. Exams may be organized at the end of each six-week part to complement the continuous assessment (interim tests, individual and group assignments) that is organized during the part.

## Evaluation

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**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".**

Because of our emphasis on active learning, most of the assessment is continuous. That is, students complete individual and group assignments during and after the courses. These assignments can take various forms (written reports, oral presentations, problem-solving, projects, videos, debates, etc.). Examinations can complement the assessment and are organized in the continuation of the teaching after each six-week courses' part. The assessment is both formative (by monitoring student learning and providing ongoing feedback) and summative (by evaluating student learning against some benchmark).

The details of the assessment can be found in the description of each course.

## Mobility and/or Internationalisation outlook

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

- **A quadrimester abroad** (30 credits) as part of an [exchange programme](#) in one of the 140 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,...
- **A quadrimester in Flanders** (30 credits) as part of the [Erasmus Belgica](#) programme, at one of the 3 recognised partner universities in management.
- The exclusive and unique opportunity in Belgium to follow the [prestigious Master's in International Management](#) organised by the **CEMS** network (available on selection only).
- 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 (available on selection only).
- 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 DDD \(Dedicated Double Degree\)](#) are offered in partnership with 8 prestigious European universities (available on selection only).
- The **possibility** for a student to follow the **entire programme in English**.

## Possible trainings at the end of the programme

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- [Doctorate in "Economics and Business 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

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### 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	<a href="http://www.uclouvain.be/lsm">http://www.uclouvain.be/lsm</a>

## Mandate(s)

- Dean : Matthieu de Nanteuil
- Administrative director : Helena Torres

## Commission(s) of programme

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

Academic supervisor: [Evelyne Léonard](#)

## Jury

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

## Useful Contact(s)

- Admissions of (future) holders of a Belgian's degree - Mrs Ornella Hennin: [lsm-belgian-admissions@uclouvain.be](mailto:lsm-belgian-admissions@uclouvain.be)
- Admissions of (future) holders of a non-Belgian's degree - Mrs Estelle Tonon: [lsm-international-admissions@uclouvain.be](mailto:lsm-international-admissions@uclouvain.be)
- Studies Advisor - Mrs Anneliese Desbuquoit: [lsm-head-student-office@uclouvain.be](mailto:lsm-head-student-office@uclouvain.be)

