



This Master's programme gives access to:

- various advanced Master's degrees
- graduate management school
- teacher training certificate (upper secondary education)

INGM2M - Teaching profile

Learning outcomes

The Master in Business Engineering prepares graduates to take up the challenge of becoming socially responsible experts in management, including the technological, industrial and innovation aspects of the discipline.

The Master in Business Engineering programme develops the skills and expertise required to ensure communication between management functions and science and technology-related functions in public and private, commercial and non-commercial organisations.

By the end of this programme, graduates will have developed (including via a mandatory company internship and an optional foreign exchange) the skills and know-how to competently handle the complex and varied challenges that companies and industries face in managing knowledge, functions, skills and processes at both strategic and operational level. They will also have specialised in one or more fields of management:

- operational: HR, marketing, finance, accounting, operations and logistics, information systems and ICT, strategy and innovation, etc.
- or cross-disciplinary: at operational, tactical or strategic level.

On completion of this programme, graduates will be:

- **Responsible:** able to implement socially responsible management practices in any type of organisation.
- **An expert:**
 - with advanced quantitative and methodological skills;
 - who is able to model and formalise management issues and situations, including in high-tech and innovation-driven sectors, with a view to finding solutions and improvements;
 - who is able to understand technological processes and can competently apply them in the industrial and services sectors.
- **An entrepreneur** who can grasp, understand and competently handle the complex challenges of innovative sectors.

Aware of the responsibility inherent in their profession, graduates must be able to step up to the mark as a key player, demonstrating the ability to make decisions in organisational, technological and innovative environments with a constant concern for **ethical values and socially responsible management**. A continuous development mindset will produce professionals with expertise, adaptability and the ability to progress in their profession.

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

Preamble

The exit profile of Master in Business Engineering graduates is set out in the [LSM competency framework](#) with the following specifics:

- a background in economics and management, quantitative methods, science (physics and chemistry) or technology (energy, electronics and telecommunications, mechanics and processes);
- priority skills:
 - a socially responsible mindset;
 - acquired knowledge;
 - project management;
 - innovation and entrepreneurship;
- the ability to apply a scientific approach;
- the possibility of developing some of these skills in greater depth through their choice of major, options, tracks, dissertation, internship and exchange.

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 storsrespelthiuelopment min700928 Tm [(1.2 Dec] n any type of orgtide and ac214y incorpo3ating ethical an5.76901245orsresntly apply the

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 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.

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 Analyse the project environment: identify the constraints that characterize the project environment, the resources available and the objectives to be achieved.

7.3 Analyse the project objectives: identify the objectives to be achieved, the resources available and the constraints that characterize the project environment.

7.4 Analyse the project resources: identify the resources available, the constraints that characterize the project environment and the objectives to be achieved.

7.5 Analyse the project constraints: identify the constraints that characterize the project environment, the resources available and the objectives to be achieved.

7.6 Analyse the project risks: identify the risks that characterize the project environment, the resources available and the objectives to be achieved.

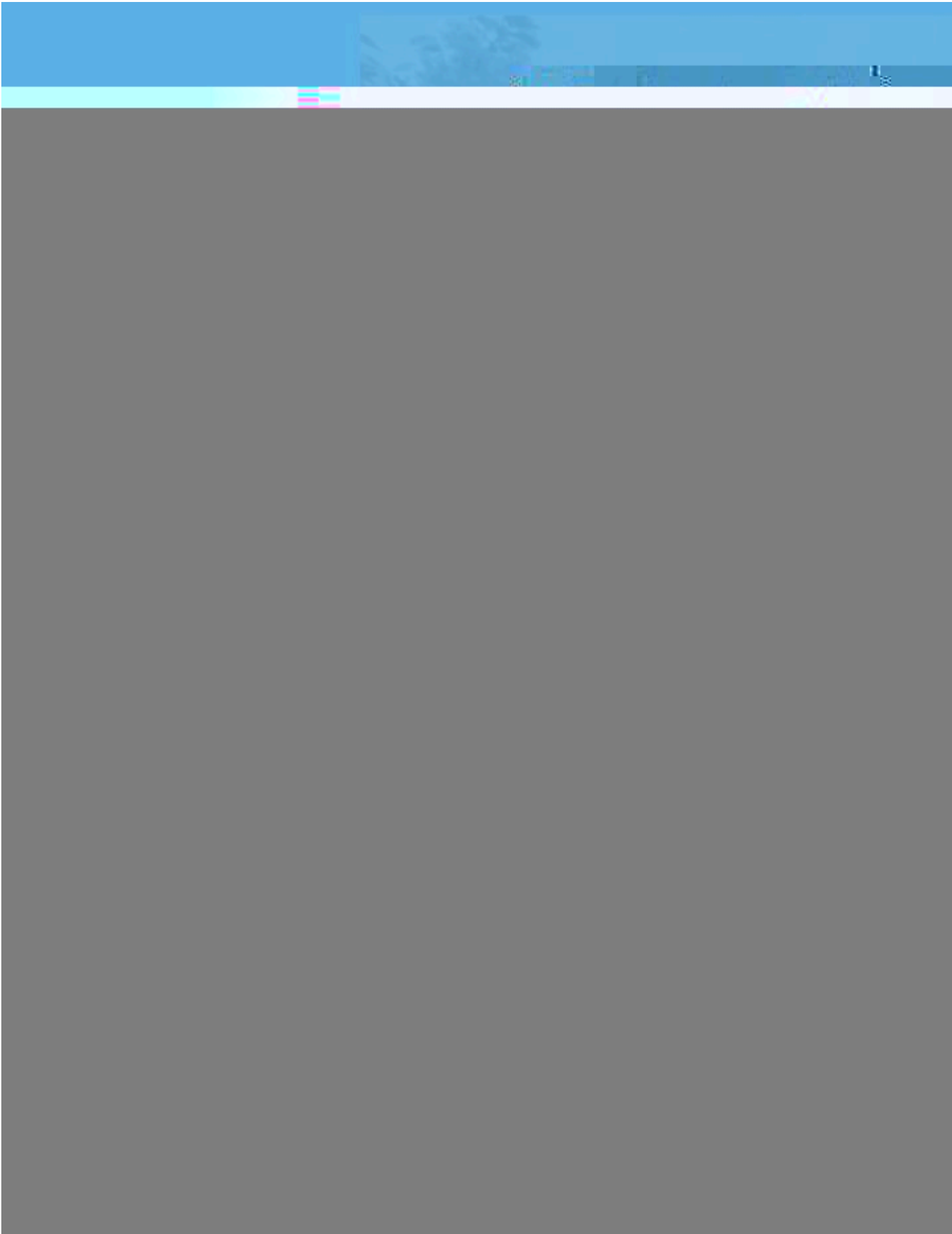
7.7 Analyse the project communication: identify the communication that characterize the project environment, the resources available and the objectives to be achieved.

7.8 Analyse the project monitoring: identify the monitoring that characterize the project environment, the resources available and the objectives to be achieved.

7.9 Analyse the project evaluation: identify the evaluation that characterize the project environment, the resources available and the objectives to be achieved.

7.10 Analyse the project closure: identify the closure that characterize the project environment, the resources available and the objectives to be achieved.

Programme structure



The Master [120] in Business Engineering has four elements :

1. Common core curriculum

This includes the dissertation and its seminar, an internship that can be tied in with the dissertation topic as well as foreign language courses.

2. A professional focus

This involves more in-depth study of different engineering topics. The professional focus courses are held over a six-week period in the first par of each term.

3. A major

This is a two-part course that enables students to specialise in one of the fields engineering. Students will have access to the majors that are offered at both the Mons and the Louvain-la-Neuve campuses of Louvain School of Management.

4. Exchange or LSM option and courses

In the second year, students have the opportunity to either take one or more exchange courses at one of the 145 partner universities of Louvain School of Management or continue to specialise with LSM courses and a 15-credit option.

Note that, depending on your previous studies, the examination board may add some course units (= prerequisite courses) to your Master's programme.

LSM also offers Master's [120] students five tracks that pursue specific educational objectives. These are accessed through a selection process, which, for some, takes place in the academic year prior to entry into the first year of the Master's programme.

The CEMS Master in International Management – CEMS MIM

LSM is the exclusive Belgian partner of this network, which has, for some years now, brought together leading European business schools and several partners outside Europe.

Interdisciplinary Programme in Entrepreneurship - INEO

This programme brings together students from several UCLouvain faculties and equips them with the analytical and thinking tools they need to understand entrepreneurial processes, create or take over a business (private limited liability company, non-profit organisation, public limited company, etc.) or progress entrepreneurial projects within existing organisations.

The International Business (IB) programme

This programme is for students who would like to embark on an international career. By combining a preparatory major specific to this programme, exchange courses and a six-month internship in a multinational company abroad, it cultivates the open-mindedness, intercultural skills, adaptability and proactivity required for working in an international environment. The students selected for the IB programme will therefore spend the whole of their second year abroad, successively completing an international exchange and a six-month internship in a company outside Europe.

Double degree - DD & DDD

By accumulating 60 course credits at Louvain School of Management, approximately 40 course credits at the DD partner university and a joint dissertation for both universities (20 credits), students will be awarded two Master's degrees, one from LSM and the other from the partner university:

- Prague University of Economics and Business (Czech Republic)
- University of Cologne (Germany)
- Norwegian School of Economics and Business Administration – NHH (Bergen, Norway)
- Universidade NOVA de Lisboa (Lisbon, Portugal)
- Vytautas Magnus University (Kaunas, Lithuania)
- Aix-Marseille University (Aix-Marseille, France)
- KU Leuven (Leuven, Belgium)
- Instituto Superior Técnico - Technical University of Lisbon (Lisbon, Portugal)

A dedicated double degree (DDD) with a focus on Environmental Issues and Supply Chain Management is offered exclusively by LSM and NHH.

The Digital Marketing programme (in connection with the [IPM Digital Marketing chair](#))

This programme is for students who wish to specialise in digital marketing. By combining marketing options in the first year, primarily the Digital Marketing option, with a work placement option in the second year, the programme offers a combination of in-company experience and university education (two days at university/three days at work) in the second year of the Master's. In addition to the eight-month work placement, there are monthly workshops with industry and academic experts for formative discussions on key digital marketing topics.

INGM2M Programme

Detailed programme by subject

CORE COURSES

- 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
○ MLSMM2200	Final Master's Thesis		(FR) [q1+q2] [] [18 Credits] 🌐		x
○ MLSMM2201	Master's Thesis Seminar	Caroline Demeyere (compensates Julie Hermans) Julie Hermans	(FR) [q1+q2] [30h+30h] [2 Credits] 🌐		x
⊗ MLSMM2202					

Options (alternative à l'échange)

- > Option Transport & Logistics (Mons) [en-prog-2024-ingm2m-lgest563o]
- > Option Entrepreneurship (Mons) [en-prog-2024-ingm2m-lgest564o]
- > Option Professional Immersion in Digital Marketing (Mons) [en-prog-2024-ingm2m-lgest565o]
- > Option Marketing Decision (Mons) [en-prog-2024-ingm2m-mgesm205o]
- > Option Finance and Transition I (Mons) [en-prog-2024-ingm2m-mingm203o]
- > Option International Finance (LLN) [en-prog-2024-ingm2m-lgesm594o]
- > Option Financial Engineering (LLN) [en-prog-2024-ingm2m-lingm575o]
- > Option Marketing Strategy for Connected Brands (LLN) [en-prog-2024-ingm2m-lgesm561o]
- > Option Corporate Sustainable Management (LLN) [en-prog-2024-ingm2m-lgesm589o]
- > Option Sourcing and Procurement (LLN) [en-prog-2024-ingm2m-linge597o]
- > Option Finance (ICHEC) [en-prog-2024-ingm2m-mingm226o]
- > Option Tax Systems (ICHEC) [en-prog-2024-ingm2m-lgest567o]

MAJORS [30.0]

The student chooses a major amongst the majors offered either on the Mons or on the Louvain-la-Neuve campus.

In case of a Louvain-la-Neuve major (composed of 5 courses instead of 5), the Mons student will have to follow the course LLSMS2221 Tutoring and in-depht study (in French).

MAJOR BUSINESS ANALYTICS (MONS) [30.0]

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

- 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

○ MLSMM2152	New Technologies & Emerging Practices	Bart Jourquin	FR [q1] [30h] [5 Credits] ⊗	X	
○ 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) [30.0]

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

- 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**

○ MLSMM2151	Data Mining	Abdessamad Ait El Cadi	[FR] [q1] [30h] [5 Credits] 🌐	X	
○ MLSMM2152	New Technologies & Emerging Practices	Bart Jourquin	[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 TRANSPORTATION MANAGEMENT (MONS) AND SUPPLY CHAIN (LOUVAIN-LA-NEUVE) [30.0]

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

- 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

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

o Term 2 (LLN)

○ LLSMS2032	Advanced Operations Management : Models and Applications	Philippe Chevalier Olivier Corluy (compensates Philippe Chevalier)	[EN] [q2] [30h] [5 Credits] 🌐	
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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.

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	EN [q1] [30h] [5 Credits] 🌐	X	
○ MLSMM2124	Judgment and Decision Making	Rudy De Winne	EN [q1] [30h] [5 Credits] 🌐	X	

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

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

- Mandatory
- ⊗ Optional
- △ Not offered in 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**

○ 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	

o Term 2

○ MLSMM2134	e-Consumer Behavior				
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MAJOR SUPPLY CHAIN MANAGEMENT (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, ...)
-

MAJOR INTERNATIONAL FINANCE (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...)

This LLN major only contains 2 courses during the first term. Students from the Mons campus wishing to follow it will have the LLSMS2221 course added in order to guarantee the necessary number of credits for this major (30 credits) in their programme.

Year

1 2

o Content:**o Term 1**

● LLSMS2221	Tutorat et approfondissement		(FR) [q1] [] [5 Credits] 🌐	X
● LLSMS2054	International Finance and crisis management	Bertrand Cadelon	(EN) [q1] [30h] [5 Credits] 🌐	X
● LLSMS2027	Capital markets and innovations	Leonardo Iania		

MAJOR FINANCIAL ENGINEERING (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 \(objectives, methods, evaluation...\)](#)

This LLN major only contains 2 courses during the first term. Students from the Mons campus wishing to follow it will have the LLSMS2221 course added in order to guarantee the necessary number of credits for this major (30 credits) in their programme.

Year

1 2

o Content:

Mandatory

MAJOR MARKETING STRATEGY FOR CONNECTED BRANDS (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...)

This LLN major only contains 2 courses during the first term. Students from the Mons campus wishing to follow it will have the LLSMS2221 course added in order to guarantee the necessary number of credits for this major (30 credits) in their programme.

Year

1 2

o Content:

o Term 1

○ LLSMS2221	Tutorat et approfondissement		FR [q1] [] [5 Credits] 🌐	X	
○ 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	

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 Raucant)	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

PHILIPPE DE WOOT MAJOR IN CORPORATE SUSTAINABLE MANAGEMENT (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 \(objectives, methods, evaluation...\)](#)

This LLN major only contains 2 courses during the first term. Students from the Mons campus wishing to follow it will have the

LSM MONS COURSES (IF NO EXCHANGE) [5.0]

COURS AU CHOIX [5.0]

- Activity with requisites
- Mandatory
- Open to incoming exchange students
- △ 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:

⊗ MLSMM2114	People & Organization Management	Gaëtan Bonny Laurent Taskin	(FR) [q1] [30h] [5 Credits]		x
⊗ MLSMM2212	Taxation	Marie Lamensch	(EN) [q1] [30h] [5 Credits] > French-friendly		x

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

OPTION MARKETING DECISION (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 \(objectives, methods, evaluation...\)](#)

In partnership with BASF.

This option is not available to students who have followed the major Tactical & Digital Marketing Decisions.

Year

1 2

o Content:

● MLSMM2131	Retailing & Distribution Management	
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OPTION FINANCE (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...)

This option is accessible under conditions to Master's [120] Business Engineer students.

Year

1 2

Content:

● EICHE1018	Advanced Financial Analysis and Reporting UE ICHEC donnée sur leur campus de Bruxelles (site Anjou)		EN [q1] [60h] [5 Credits] 🌐		X
● EICHE1019	Ethics in Finance UE ICHEC donnée sur leur campus de Bruxelles (site Anjou)		EN [q1] [60h] [5 Credits] 🌐		X
● EICHE1057	Alternative Investment and Advanced Portfolio Management UE ICHEC donnée sur leur campus de Bruxelles (site Montgomery)		EN [q1] [60h] [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

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

				Year	
				1	2
○ MHELH2114	Introduction Energie et Techniques Spéciales		EX [q2] [36h] [4 Credits] 	x	
○ EHELH2115	Electronique appliquée		EX [q1] [30h] [3 Credits] 	x	




○ Bloc annuel 2 du parcours i² en électromécanique (30 credits)

○ Content:

○ Quadrimestre 1

○ MLSMM2263	Entrepreneurial Change Making	Amélie Jacquemin	EN [q1] [30h] [5 Credits]  > French-friendly	X	
○ MLSMM2262	Technological Entrepreneurship	David Valentiny (compensates Julie Hermans)	FR [q1] [30h] [5 Credits] 	X	
○ MLSMM2261	Collective Entrepreneurship	Julie Hermans	FR [q1] [30h] [5 Credits] 	X	




○ Quadrimestre 2

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




⌘ Major Business Analytics (Mons) (30 credits)

○ Content:

○ Term 1

○ MLSMM2152	New Technologies & Emerging Practices	Bart Jourquin	FR [q1] [30h] [5 Credits] 	X	
○ 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	

○ 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) (30 credits)

○ Content:

○ Term 1

○ MLSMM2151	Data Mining	Abdessamad Ait El Cadi	FR [q1] [30h] [5 Credits] 		
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Course prerequisites

The **table** below lists the activities (course units, or CUs) for which there are one or more prerequisites within the programme, i.e. the programme CU for which the learning outcomes must be certified and the corresponding credits awarded by the jury before registering for that CU.

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

Prerequisites and student's annual programme

As the prerequisite is for CU registration purposes only, there are no prerequisites within a programme year. Prerequisites are defined between CUs of different years and therefore influence the order in which the student will be able to register for the programme's CUs.

In addition, when the jury validates a student's individual programme at the beginning of the year, it ensures its coherence, meaning that it may:

- require the student to combine registration in two separate CUs which it considers necessary from a pedagogical point of view.
- transform a prerequisite into a corequisite if the student is in the final year of a degree course.

For more information, please consult the [Academic Regulations and Procedures](#).

Prerequisites list

MANGL2236 "[Advanced English 2](#)" has prerequisite(s) MANGL2163

- MANGL2163 - [Advanced English 1](#)

MESPA2237 "[Español avanzado 2](#)" has prerequisite(s) MESPA2165

- MESPA2165 - [Advanced Spanish 1](#)

MNEER2238 "[Nederlands voor gevorderden 2](#)" has prerequisite(s) MNEER2164

- MNEER2164 - [Advanced Dutch 1](#)

The programme's courses and learning outcomes

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

Bachelor Management Engineer		Direct access	> Online enrolment
Other Bachelor degrees	Meet the conditions générales et spécifiques d'accès .	Access based on application	If the conditions spécifiques et générales are met, application-based enrolment is possible with a maximum of 60 crédits supplementary classes > Online enrolment
Bachelors of the Dutch speaking Community of Belgium			
Bachelor handelsingenieur		Direct access	> Online enrolment
Other Bachelor degrees	Meet the conditions générales et spécifiques d'accès .	Access based on application	If the conditions spécifiques et générales are met, application-based enrolment is possible with a maximum of 60 crédits supplementary classes > Online enrolment
Foreign Bachelors			
Non-Belgian Bachelor degree in Business Engineering or equivalent issued by a recognized academic institution.	Meet the conditions générales et spécifiques d'accès .	Access based on application	If conditions spécifiques et générales are met > Submit a UCLouvain online request

Non university Bachelors

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

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

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
Any Belgian Licence	Meet the general and specific access requirements .	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > Submit a UCLouvain online access request
Non-Belgian Licence's university degree issued by a recognized academic institution	Meet the general and specific access requirements .	Access based on application	If general and specific requirements are met > Submit a UCLouvain online access request
Masters			
Civil engineer Masters' degree issued by UCLouvain	Have taken the minor (1st cycle) in management and/ or option (2nd cycle) in management and meet the general and specific conditions of access .	Access based on application	Composition of the programme to be determined according to the student's background and specialization needs. Possibility of possible valuation of credits. If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional credits into the master's programme > submit a UCLouvain online access request
Any other Belgian Master's	Meet the general and specific access requirements .	Access based on application	If general and specific requirements are met > possibility of access on file with the possible addition of a maximum of 60 additional

Non-Belgian Master's university degree issued by a recognized institution	Meet the general and specific access requirements .	Access based on application	credits into the master's programme > Submit a UCLouvain online access request If general and specific requirements are met > Submit a UCLouvain online access request
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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](#).

Teaching method

This programme, the quality of which has been recognised by external auditors of the international EQUIS accreditation programme, offers four key advantages:

A particularly wide range of specialisation majors and options

With access to over 30 majors/options, students can specialise in the most advanced fields of management. It is general practice for them to further develop their specialist skills and knowledge by selecting the same field for their dissertation and internship. These majors and options are available at both LSM campuses (Mons and Louvain-la-Neuve) and, in most cases, the courses are held over

Courses are also given in foreign languages by visiting professors.

Possible trainings at the end of the programme

- [PhD in Management](#) (Louvain-la-Neuve & Mons)
- [Master \[120\] in Environmental Science and Management](#) (Louvain-la-Neuve)
- [Master \[60\] in Information and Communication](#) (Mons)
- [Master \[60\] in Information and Communication](#) (Louvain-la-Neuve)
- [Teacher Training Certificate](#) (upper secondary education) - Management (shift schedule)
- ...

Contacts

Curriculum Management

Faculty

Structure entity

SSH/LSM

Denomination

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

Sector

Human Sciences ([SSH](#))

Acronym

LSM

Postal address

Place des Doyens 1 - bte L2.01.01

1348 Louvain-la-Neuve

Website

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

Mandate(s)

- Dean : [Matthieu de Nanteuil](#)
- Administrative director : [Helena Torres](#)

Commission(s) of programme

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

Academic supervisor: [Anne-Catherine Provost](#)

Other academic Supervisor(s)

- [Ingrid Poncin](#)

Jury

- President of the jury: [Patrick Scarmure](#)
- Jury secretary: [Jean-Sébastien Tancrez](#)

Useful Contact(s)

- Information for future students (Nicolas Hurtado de Jesus - tel. +32 (0)65 323 327): info-mons@uclouvain.be
- Studies management officer: [Magaly Duquesne](#)
- Vice-Dean LSM Mons: [Ingrid Poncin](#)
- Exclusive address for waiver request for NON-FUNDABILITY: safi@uclouvain.be

