

At Mons - 120 credits - 2 years - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **YES** - Activities in other languages : **NO**Activities on other sites : **optional**Main study domain : **Sciences économiques et de gestion**Organized by: **Louvain School of Management (LSM)**Programme acronym: **INGM2M** - Francophone Certification Framework: 7**Table of contents**

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INGM2M - Introduction

Introduction

Introduction

The Master [120] in Business Engineering (INGM2M) aims to develop 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.

On completion of this Master's degree, you will:

- be able to implement socially responsible management practices in any type of organisation;
- have gained advanced quantitative and methodological skills;
- be 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;
- understand technological processes and competently apply them in the industrial and services sectors;
- be able to grasp, understand and competently handle the complex challenges of innovative sectors.

The Master [120] in Business Engineering offers you:

- a strengthening of your language skills directly applied to professional management practices: targeted courses given in English; integrated language support systems in certain teaching units of the program (support for teaching activities carried out in English, support for the use of the foreign language for the dissertation and internship), advanced level language courses;
- the opportunity to study for one term at one of the 145 partner universities;
- the only opportunity in Belgium to be selected to combine your programme with the Master's degree in International Management (CEMS) (from the LLN campus);
- access to the inter-faculty Entrepreneurship specialisation (INEO major, based on your academic record) or the Sustainable Management specialisation (Philippe de Woot major in Corporate Sustainable Management);
- the opportunity to specialise in Marketing and obtain a BASF certificate from visiting trainers from BASF Management Consulting (BASF headquarters, Germany) in two courses (the Tactical and Digital Marketing Decisions majors and the Marketing Decisions option);
- a wider choice of options through a joint offering of the areas of expertise of the different LSM campuses;
- the opportunity to apply for the double degree programme organised with one of our seven partner universities;
- the opportunity to take part in the IB selection programme (exchange with a partner university and a six-month internship in a company outside the European Union);
- the opportunity to become a [digital marketing](#) expert;
- the opportunity to do a major and an option in your chosen field with a view to becoming an expert in that field.

Your profile

You

- want to develop your technology management skills;
- are looking to gain hands-on business experience and get involved in the management of complex, innovative projects;
- are seeking high-level training based on solid scientific knowledge in the high-tech industrial and services sectors (information technology, logistics, environment);
- are driven by an entrepreneurial spirit and want to learn to work effectively as part of a team;
- want to become a manager with an international outlook who is aware of companies' social responsibility;
- meet the admission requirements for this programme.

Your future job

A position of responsibility in corporate leadership and management in which you can put into practice your ability to undertake initiatives, transform them into economic realities, organise and ensure the continuity of these activities, seek out the necessary resources and combine them in an appropriate manner.

Our business engineering graduates make a career for themselves in many sectors, including industry (production and operations management), banking and insurance, auditing and large-scale retail, in private companies, public organisations, non-profit organisations, SMEs, multinationals and consultancy firms.

They hold positions of responsibility, such as management controller, company auditor, investment adviser, financial analyst, HR development manager, project manager, IT consultant, sales manager, purchasing manager, logistics manager or environmental manager.

Your programme

The 120-credit Master's programme will comprise:

- professional focus courses in business engineering, as well as seminars;
- one major, comprising six courses to be selected from the main fields of management;
- a one-term exchange (highly recommended but not compulsory) or a term of six courses, including a foreign language and an option comprising three courses;
- an internship;
- a dissertation.

Note that, depending on your previous studies, some course units (= prerequisite courses) may be added to your Master's programme.

Your parcours

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 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 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 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



LOUVAIN
School of Management



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 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1+q2] [30h+30h] [2 Credits] 🌐 | | x |
| ⊗ MLSMM2202 | Internship with Coaching <i>Students engaged in the option Professional Immersion in Digital Marketing do not have to register for this course.</i> | Catherine D'Hondt Isabelle Platten | (FR) [q1+q2] [30h+22.5h] [10 Credits] 🌐 | | x |

○ Foreign languages - advanced level 1 (5 credits)

English is compulsory. The student then chooses Dutch or Spanish (following his Bachelor / preparatory module choice) until the end of his Master's cycle.

| | | | | | |
|-------------|------------------------------------|--|-------------------------------------|---|--|
| ○ MANGL2163 | Advanced English 1 | Jessica Degroote (coord.) Caroline Lambert Guy Monfort | (EN) [q1+q2] [0h+30h] [2 Credits] 🌐 | x | |
| ⊗ MNEER2164 | Advanced Dutch 1 | Erika Copriau (coord.) | (NL) [q1+q2] [0h+30h] [3 Credits] 🌐 | x | |
| ⊗ MESPA2165 | Advanced Spanish 1 | Juan Francisco Hernandez Rodriguez (coord.) | (ES) [q1+q2] [0h+30h] [3 Credits] 🌐 | x | |

⊗ Foreign languages - advanced level 2 (5 credits)

Not to be taken by outgoing exchange students.

| | | | | | |
|-------------|--------------------------------------|--|-------------------------------|--|---|
| ○ MANGL2236 | Advanced English 2 📌 | Caroline Lambert Guy Monfort Quentin Zèques (coord.) | (EN) [q1] [30h] [3 Credits] 🌐 | | x |
| ⊗ MNEER2238 | Advanced Dutch 2 📌 | Bruno Michiels (coord.) | (NL) [q1] [30h] [2 Credits] 🌐 | | x |
| ⊗ MESPA2237 | Advanced Spanish 2 📌 | Juan Francisco Hernandez Rodriguez (coord.) | (ES) [q1] [30h] [2 Credits] 🌐 | | x |

PROFESSIONAL FOCUS [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:

| | | | | | |
|-------------|--|---|---------------------------------|---|---|
| ○ MLSMM2220 | Seminar on Current Managerial Issues | Olivier de Wasseige Alain Vas | EN [q1+q2] [30h+0h] [5 Credits] | X | |
| ○ MLSMM2116 | Data Analytics | Simon Hazée (compensates François Fouss) | FR [q1] [30h+15h] [5 Credits] | X | |
| ○ MLSMM2117 | Quantitative Project & Project Management | Jean-Sébastien Tancrez | FR [q2] [75h+15h] [10 Credits] | X | |
| ○ MLSMM2217 | Integrated Information Systems | Corentin Burnay (compensates Bart Jourquin) | FR [q1] [30h] [5 Credits] | | X |
| ○ MLSMM2219 | Strategic Management of the Firm: Translating Strategy into Action | Nadia Sinigaglia | FR [q1] [30h] [5 Credits] | X | |

OPTIONS

Year 1: compulsory **major** chosen from those on offer at the Mons and Louvain-la-Neuve campuses and **two foreign language courses**

Year 2: compulsory **option**, **elective** and **two foreign language courses** (for students not going on an exchange)

Note:

- Mons students who choose one of the Louvain-la-Neuve campus majors (5 course units (CUs) instead of 6 for Louvain-la-Neuve students) will also have to take the LLSMS2221 Tutoring and In-Depth Study CU.
- Mons students who choose one of the Louvain-la-Neuve campus options will take the LLSMS2221 Tutoring and In-Depth Study CU (the LLSMS2091 Cross-Cultural Competences and Management CU initially intended for Louvain-la-Neuve students with timetable clashes).
- If a Louvain-la-Neuve major and option are combined, the exam board will decide on a case-by-case basis which CU will replace LLSMS2221 as part of the option.
- If your chosen major/option is not available at your main campus, there is travel support on offer.

Majors

- > [Major Business Analytics \(Mons\)](#) [en-prog-2023-ingm2m-linge434o]
- > [Major Business Analytics & Digital Marketing \(Mons\)](#) [en-prog-2023-ingm2m-linge438o]
- > [Major Transportation Management \(Mons\) and Supply Chain \(Louvain-la-Neuve\)](#) [en-prog-2023-ingm2m-linge439o]
- > [Major Finance and Transition \(Mons\)](#) [en-prog-2023-ingm2m-mgesm441o]
- > [Major Tactical & Digital Marketing Decisions \(Mons\)](#) [en-prog-2023-ingm2m-linge437o]
- > [Major "i carré" \(Mons\)](#) [en-prog-2023-ingm2m-mingm230o]
- > [Major Supply Chain Management \(LLN\)](#) [en-prog-2023-ingm2m-linge430o]
- > [Major Innovation Management \(LLN\)](#) [en-prog-2023-ingm2m-linge431o]
- > [Major International Finance \(LLN\)](#) [en-prog-2023-ingm2m-lgesm432o]
- > [Major Financial Engineering \(LLN\)](#) [en-prog-2023-ingm2m-linge433o]
- > [Major Marketing Strategy for Connected Brands \(LLN\)](#) [en-prog-2023-ingm2m-lgesm451o]
- > [INEO \(ex-CPME\), Interdisciplinary Program in Entrepreneurship \(LLN\)](#) [en-prog-2023-ingm2m-linge440o]
- > [Major International Business \(LLN\)](#) [en-prog-2023-ingm2m-lgesm425o]
- > [Philippe de Woot Major in Corporate Sustainable Management \(LLN\)](#) [en-prog-2023-ingm2m-lgesm470o]

LSM Mons courses (if no exchange)

> [Cours au choix](#) [en-prog-2023-ingm2m-mingm221o]

Options (alternative à l'échange)

- > [Option Transport & Logistics \(Mons\)](#) [en-prog-2023-ingm2m-lgest563o]
- > [Option Entrepreneurship \(Mons\)](#) [en-prog-2023-ingm2m-lgest564o]
- > [Option Professional Immersion in Digital Marketing \(Mons\)](#) [en-prog-2023-ingm2m-lgest565o]
- > [Option Marketing Decision \(Mons\)](#) [en-prog-2023-ingm2m-mgesm205o]
- > [Option Finance and Transition I \(Mons\)](#) [en-prog-2023-ingm2m-mingm203o]
- > [Option International Finance \(LLN\)](#) [en-prog-2023-ingm2m-lgesm594o]
- > [Option Financial Engineering \(LLN\)](#) [en-prog-2023-ingm2m-lingm575o]
- > [Option Marketing Strategy for Connected Brands \(LLN\)](#) [en-prog-2023-ingm2m-lgesm561o]
- > [Option Corporate Sustainable Management \(LLN\)](#) [en-prog-2023-ingm2m-lgesm589o]
- > [Option Sourcing and Procurement \(LLN\)](#) [en-prog-2023-ingm2m-linge597o]
- > [Option Finance \(ICHEC\)](#) [en-prog-2023-ingm2m-mingm226o]
- > [Option Tax Systems \(ICHEC\)](#) [en-prog-2023-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-dept study (in French).

MAJOR BUSINESS ANALYTICS (MONS) [30.0]

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

- Mandatory
- ✂ Optional
- △ Not offered in 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 (compensates Nadine Meskens) | FR [q1] [30h] [5 Credits] 🌐 | X | |
| ○ MLSMM2153 | Web Mining | Corentin Vande Kerckhove Corentin Vande Kerckhove (compensates François Fouss) | FR [q1] [30h] [5 Credits] 🌐 | X | |

o Term 2

| | | | | | |
|-------------|----------------------------------|-------------------------------|---|---|--|
| ○ MLSMM2154 | Machine Learning | Marco Saerens | EN [q2] [30h] [5 Credits] 🌐 | X | |
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Year

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|-------------|------------------------------|--|---|---|--|
| ○ 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 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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**

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

o Term 2

| | | | | | |
|-------------|---|---|-------------------------------|---|--|
| ○ MLSMM2134 | e-Consumer Behavior | Nicolas Kervyn de Meerendré (compensates 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 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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] 🌐 | X | |
| ○ LLSMS2034 | Supply Chain Planning | Marc Foret 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 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | 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

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

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

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

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Nicolas Kervyn de Meerendré (compensates 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 "I CARRÉ" (MONS) [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 Quadrimestre 1**

| | | | | | |
|-------------|--------------------------------|--|-------------------------------|---|--|
| ○ MLSMM2263 | Doing Entrepreneurship | Julie Hermans (compensates Amélie Jacquemin) | (FR) [q1] [30h] [5 Credits] 🌐 | 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 | |

o Quadrimestre 2

| | | | | | |
|-------------|-------------------------------|--|-------------------------------|---|--|
| ○ MLSMM2134 | e-Consumer Behavior | Nicolas Kervyn de Meerendré (compensates 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 SUPPLY CHAIN MANAGEMENT (LLN) [30.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1] [] [5 Credits] 🌐 | X | |
| ● 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 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) [30.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1] [] [5 Credits] 🌐 | X | |
| ● LLSMS2040 | Innovation Management I | Benoît Gailly | EN [q1] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2042 | Innovation Management II | Benoît Gailly | EN [q1] [30h] [5 Credits] 🌐 | X | |

o Term 2

| | | | | | |
|-------------|--|------------------------------|---------------------------------|---|--|
| ● LLSMF2011 | Knowledge Management | Julie Hermans Manuel Kolp | EN [q2] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2041 | Economics of Innovation | Paul Belleflamme | EN [q2] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2043 | Innovation Policy and Ecosystems | Benoît Gailly | EN [q2] [30h] [5 Credits] 🌐 | X | |
| ✖ LLSMS2080 | International Entrepreneurship Bonus course. It is possible to take this extra course in addition to the 6 courses of the innovation major. | Frank Janssen | EN [q2] [30h+30h] [5 Credits] 🌐 | X | |

MAJOR INTERNATIONAL FINANCE (LLN) [30.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1] [] [5 Credits] 🌐 | X | |
| ● LLSMS2054 | International Finance and crisis management | Bertrand Candelon | EN [q1] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2027 | Capital markets and innovations | Leonardo Iania | EN [q1] [30h] [5 Credits] 🌐 | X | |

o Term 2

| | | | | | |
|-------------|--|-------------------------------|-----------------------------|---|--|
| ● LLSMS2140 | Financial Risk | Anh Nguyen James Thewissen | EN [q2] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2029 | International financial management | Denis Knaepen | 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) [30.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1] [] [5 Credits] 🌐 | X | |
| ● LLSMS2224 | Forecasting | Bertrand Candelon | (EN) [q1] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2054 | International Finance and crisis management | Bertrand Candelon | (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 | |
| ● LLSMS2225 | Derivatives pricing | Frédéric Vrins | (EN) [q1] [30h] [5 Credits] 🌐 | X | |

MAJOR MARKETING STRATEGY FOR CONNECTED BRANDS (LLN)

[30.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | [FR] [q1] [] [5 Credits] 🌐 | X | |
| ● LLSMS2000 | Marketing Research | Gordy Pleyers | [EN] [q1] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2008 | Digital Marketing | 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 | Fabien Bourgies | [EN] [q2] [30h] [5 Credits] 🌐 | X | |
| ● LLSMS2006 | On-line and Off-line Communication Strategies | Doriane Magnus (compensates Nicolas Kervyn de Meerendré) Gordy Pleyers | [EN] [q2] [30h] [5 Credits] 🌐 | X | |

INEO (EX-CPME), INTERDISCIPLINARY PROGRAM IN ENTREPRENEURSHIP (LLN) [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | |
| ⊗ LFSA2212 | Innovation classes Attention: selection of students on the basis of application | Benoît Macq Jean-Pierre Raskin Benoît Raucant | (FR) [q1] [30h+15h] [5 Credits] 🌐 > French-friendly | X | |

Term 2

| | | | | | |
|-------------|---|---------------|-----------------------------------|---|---|
| ○ LINEO2003 | Plan d'affaires et étapes-clefs de la création d'entreprise 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. | 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 Attention: selection of students on the basis of application | Frank Janssen | (FR) [q2] [30h+30h] [5 Credits] 🌐 | X | |
| ⊗ LLSMS2081 | Strategic Management of Start ups | Alex Ferritto (compensates Bartholomeus Kamp) | (FR) [q2] [30h+30h] [5 Credits] 🌐 | X | |
| ⊗ LINEO2005 | Social and Sustainable Entrepreneurship | Julie Hermans | (EN) [q2] [30h] [5 Credits] 🌐 | X | |
| ⊗ LSST1001 | IngénieursSud | Stéphanie Merle Jean-Pierre Raskin (coord.) | (FR) [q1+q2] [15h+45h] [5 Credits] 🌐 | X | |
| ⊗ LLSMF2011 | Knowledge Management | Julie Hermans Manuel Kolp | (EN) [q2] [30h] [5 Credits] 🌐 | X | |

MAJOR INTERNATIONAL BUSINESS (LLN) [30.0]

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

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1] [] [5 Credits] 🌐 | X | |
| ○ 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

| | | | | | |
|-------------|---|------------------|-------------------------------|---|--|
| ○ 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 | |

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

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Julie Hermans | (FR) [q1] [] [5 Credits] 🌐 | X | |
| ● 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 | Yves De Rongé Valérie Swaen | (EN) [q2] [30h] [5 Credits] 🌐 | X | |
| ● LINEO2005 | Social and Sustainable Entrepreneurship | Julie Hermans | (EN) [q2] [30h] [5 Credits] 🌐 | X | |

LSM MONS COURSES (IF NO EXCHANGE) [5.0]**COURS AU CHOIX [5.0]**

- Mandatory
- ✕ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 |

OPTIONS (ALTERNATIVE À L'ÉCHANGE) [15.0]**OPTION TRANSPORT & LOGISTICS (MONS) [15.0]**

- Mandatory
- ✕ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:

| | | | | | |
|-------------|--------------------------------|--|-------------------------------|--|---|
| ● 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 | Doing Entrepreneurship | Julie Hermans (compensates Amélie Jacquemin) | (FR) [q1] [30h] [5 Credits] 🌐 | | x |

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

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

Students engaged in this option do not have to register the classic internship in their program.

- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:

| | | | | | |
|-------------|--|--|--------------------------------|--|---|
| ● MLSMM2231 | Digital Data Analysis <i>This teaching unit takes place in the second semester in parallel with MLSMM2233 Digital Marketing Seminar - Part 2.</i> | Simon Hazée | (FR) [q2] [30h] [5 Credits] 🌐 | | x |
| ● MLSMM2232 | Digital Marketing Seminar - Part 1 | Karine Charry Ingrid Poncin | (FR) [q1] [30h] [10 Credits] 🌐 | | x |
| ● MLSMM2233 | Digital Marketing Seminar - Part 2 <i>This teaching unit replaces the mandatory Master's internship for students enrolled in this option.</i> | Ingrid Poncin Ingrid Poncin (compensates Karine Charry) | (FR) [q2] [30h] [10 Credits] 🌐 | | x |

OPTION MARKETING DECISION (MONS) [15.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | 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 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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

o Content:

| | | | | | |
|-------------|-------------------------------|------------------------------------|-------------------------------|--|---|
| ● MLSMM2122 | Firm Valuation | Mikael Petitjean Xavier Suin | (EN) [q1] [30h] [5 Credits] 🌐 | | x |
| ● MLSMM2123 | Issues in Sustainable Finance | 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 INTERNATIONAL FINANCE (LLN) [15.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:

| | | | | | |
|-------------|---|-------------------|-----------------------------|--|---|
| ● LLSMS2054 | International Finance and crisis management | Bertrand Candelon | EN [q1] [30h] [5 Credits] 🌐 | | x |
| ● LLSMS2027 | Capital markets and innovations | Leonardo Iania | EN [q1] [30h] [5 Credits] 🌐 | | x |
| ● LLSMS2221 | Tutorat et approfondissement | Julie Hermans | FR [q1] [] [5 Credits] 🌐 | | x |

OPTION FINANCIAL ENGINEERING (LLN) [15.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 neither available to students who have followed the Major in Financial Engineering and exceptionally nor available to those who have followed the Major in International Finance.

Year

1 2

o Content:

| | | | | | |
|-------------|---|-------------------|-----------------------------|--|---|
| ● LLSMS2224 | Forecasting | Bertrand Candelon | EN [q1] [30h] [5 Credits] 🌐 | | x |
| ● LLSMS2221 | Tutorat et approfondissement | Julie Hermans | FR [q1] [] [5 Credits] 🌐 | | x |
| ● LLSMS2054 | International Finance and crisis management | Bertrand Candelon | EN [q1] [30h] [5 Credits] 🌐 | | x |

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

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | Marketing Research | Gordy Pleyers | EN [q1] [30h] [5 Credits] 🌐 | | x |
| ● LLSMS2008 | Digital Marketing | Isabelle Schuiling | EN [q1] [30h] [5 Credits] 🌐 | | x |
| ● LLSMS2221 | Tutorat et approfondissement | Julie Hermans | FR [q1] [] [5 Credits] 🌐 | | x |

OPTION CORPORATE SUSTAINABLE MANAGEMENT (LLN) [15.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:

| | | | | | |
|-------------|--|-----------------------------------|-----------------------------|--|---|
| ● 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 |
| ● LLSMS2221 | Tutorat et approfondissement | Julie Hermans | FR [q1] [] [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 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 | EN [q1] [30h] [5 Credits] 🌐 | | x |

OPTION FINANCE (ICHEC) [15.0]

- Mandatory
- ✖ Optional
- △ Not offered in 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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

o 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 2023-2024
- ⊗ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 |

Alternatives

> [Master \[120\] : Business Engineering \[i square\]](#) [<https://uclouvain.be/en-prog-2023-ingm2m-programme>]

MASTER [120] : BUSINESS ENGINEERING [I SQUARE]

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 Tronc commun

| | | | | | |
|-------------|--------------------------|---------------------------------------|---------------------------------------|--|---|
| ○ MLSMM2200 | Final Master's Thesis | | EN [q1+q2] [] [18 Credits] 🌐 | | x |
| ○ MLSMM2201 | Master's Thesis Seminar | Julie Hermans | FR [q1+q2] [30h+30h] [2 Credits] 🌐 | | x |
| ○ MLSMM2202 | Internship with Coaching | Catherine D'Hondt Isabelle Platten | FR [q1+q2] [30h+22.5h] [10 Credits] 🌐 | | x |

o Foreign languages - advanced level 1 (5 credits)

English is compulsory. The student then chooses Dutch or Spanish (following his Bachelor / preparatory module choice) until the end of his Master's cycle.

| | | | | | |
|-------------|--------------------|--|-----------------------------------|---|--|
| ○ MANGL2163 | Advanced English 1 | Jessica Degroote (coord.) Caroline Lambert Guy Monfort | EN [q1+q2] [0h+30h] [2 Credits] 🌐 | x | |
| ⊗ MNEER2164 | Advanced Dutch 1 | Erika Copriau (coord.) | NL [q1+q2] [0h+30h] [3 Credits] 🌐 | x | |
| ⊗ MESPA2165 | Advanced Spanish 1 | Juan Francisco Hernandez Rodriguez (coord.) | ES [q1+q2] [0h+30h] [3 Credits] 🌐 | x | |

o Foreign languages - advanced level 2 (5 credits)

| | | | | | |
|-------------|--------------------|--|-----------------------------|--|---|
| ○ MANGL2236 | Advanced English 2 | Caroline Lambert Guy Monfort Quentin Zèques (coord.) | EN [q1] [30h] [3 Credits] 🌐 | | x |
| ⊗ MNEER2238 | Advanced Dutch 2 | Bruno Michiels (coord.) | NL [q1] [30h] [2 Credits] 🌐 | | x |
| ⊗ MESPA2237 | Advanced Spanish 2 | Juan Francisco Hernandez Rodriguez (coord.) | ES [q1] [30h] [2 Credits] 🌐 | | x |

o Parcours i2

L'étudiant choisit un parcours i2 dans la continuité de l'orientation suivie en bachelier

⊗ Parcours i2 en électromécanique

○ Bloc annuel 1 du parcours i2 en électromécanique (8 credits)

Cours à suivre "hors programme" qui complètent les cours déjà suivis à la HELHa en cycle de bachelier.

| | | | | | |
|-------------|--|--|-----------------------------|---|--|
| ○ MHELH2113 | Électrotechnique appliquée II | | FR [q2] [24h] [4 Credits] 🌐 | x | |
| ○ MHELH2114 | Introduction Energie et Techniques Spéciales | | FR [q2] [36h] [4 Credits] 🌐 | x | |

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

Cours à prendre en remplacement de l'option et du cours au choix du bloc annuel 2 du programme "classique".

| | | | | Year | |
|-------------|----------------------------|--|-------------------------------|------|---|
| | | | | 1 | 2 |
| ○ MHELH2211 | Electricité industrielle | | PR [q1] [36h+12h] [5 Credits] | | x |
| ○ MHELH2212 | Automatique | | PR [q1] [10h+30h] [4 Credits] | | x |
| ○ MHELH2214 | Réseaux industriels | | PR [q1] [24h] [2 Credits] | | x |
| ○ MHELH2215 | Cours à option | | PR [q1] [120h] [10 Credits] | | x |
| ○ MHELH2216 | Hydraulique et pneumatique | | PR [q2] [24h+12h] [3 Credits] | | x |
| ○ MHELH2217 | Electronique | | PR [q2] [36h+32h] [6 Credits] | | x |

✂ Parcours i2 en biochimie

○ Bloc annuel 1 du parcours i2 en biochimie (9 credits)

Cours à suivre "hors programme" qui complètent les cours déjà suivis à la HELHa en cycle de bachelier.

| | | | | | |
|-------------|---------------------|--|------------------------------|---|--|
| ○ MHELH2103 | Chimie industrielle | | PR [q1] [30h] [4 Credits] | x | |
| ○ MHELH2104 | Chimie organique | | PR [q1+q2] [64h] [5 Credits] | x | |

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

Cours à prendre en remplacement de l'option et du cours au choix du bloc annuel 2 du programme "classique".

| | | | | | |
|-------------|--------------------------------------|--|-------------------------------|--|---|
| ○ MHELH2205 | Chimie de l'eau | | PR [q1] [30h+16h] [4 Credits] | | x |
| ○ EHELH2221 | Chimie analytique et instrumentale | | PR [q1] [] [7 Credits] | | x |
| ○ EHELH2222 | Génie génétique | | PR [q1] [] [4 Credits] | | x |
| ○ EHELH2223 | Génie enzymatique | | PR [q1] [] [4 Credits] | | x |
| ○ EHELH2224 | Biopharmacie et Qualité | | PR [q1+q2] [] [3 Credits] | | x |
| ○ EHELH2226 | Projet de recherche et développement | | PR [q1] [] [8 Credits] | | x |

○ Liste au choix de finalités INGM2M

○ Professional Focus (30 credits)

○ Content:

| | | | | | |
|-------------|--|---|---------------------------------|---|---|
| ○ MLSMM2220 | Seminar on Current Managerial Issues | Olivier de Wasseige Alain Vas | EN [q1+q2] [30h+0h] [5 Credits] | x | |
| ○ MLSMM2116 | Data Analytics | Simon Hazée (compensates François Fouss) | PR [q1] [30h+15h] [5 Credits] | x | |
| ○ MLSMM2117 | Quantitative Project & Project Management | Jean-Sébastien Tancrez | PR [q2] [75h+15h] [10 Credits] | x | |
| ○ MLSMM2217 | Integrated Information Systems | Corentin Burnay (compensates Bart Jourquin) | PR [q1] [30h] [5 Credits] | | x |
| ○ MLSMM2219 | Strategic Management of the Firm: Translating Strategy into Action | Nadia Sinigaglia | PR [q1] [30h] [5 Credits] | x | |

○ List of electives

The LSM student engaged in the "i2" course must choose one of the following majors :

✂ Major "i carré" (Mons) (30 credits)

Cette majeure n'est accessible qu'aux étudiants (UCLouvain et HELHa) engagés dans le programme spécifique "i carré".

○ Content:

○ Quadrimestre 1

| | | | | Year | |
|-------------|--------------------------------|--|---------------------------|------|---|
| | | | | 1 | 2 |
| ○ MLSMM2263 | Doing Entrepreneurship | Julie Hermans (compensates Amélie Jacquemin) | PR [q1] [30h] [5 Credits] | X | |
| ○ MLSMM2262 | Technological Entrepreneurship | David Valentiny (compensates Julie Hermans) | PR [q1] [30h] [5 Credits] | X | |
| ○ MLSMM2261 | Collective Entrepreneurship | Julie Hermans | PR [q1] [30h] [5 Credits] | X | |

○ Quadrimestre 2

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

✂ Major Business Analytics (Mons) (30 credits)

○ Content:

○ Term 1

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

○ Term 2

| | | | | | |
|-------------|---------------------|---|---------------------------|---|--|
| ○ MLSMM2134 | e-Consumer Behavior | Nicolas Kervyn de Meerendré (compensates Karine Charry) | PR [q2] [30h] [5 Credits] | X | |
|-------------|---------------------|---|---------------------------|---|--|

Year

| | | | | 1 | 2 |
|----------------|-------------------------------|---------------------------------------|---------------------------|---|---|
| ○ MLSMM2135 | Methods & Models in Marketing | Caroline Ducarroz Nadia Sinigaglia | PR [q2] [30h] [5 Credits] | x | |
| ○ MLSMM2136 | Trends in Digital Marketing | Ingrid Poncin | PR [q2] [30h] [5 Credits] | x | |

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 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.

INGM2M - 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](#)
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Specific access requirements

In addition to fulfilling the specific conditions described here below, candidates must provide proof of sufficient command of the **French language** (level B2 of the [Common European Framework of Reference](#)).

Given the organization of courses taught in **English** within the programme, a sufficient command of this language (level B1 of the [Common European Framework of Reference](#)) is strongly recommended.

DIRECT ACCESS OR APPLICATION-BASED ACCESS? PLEASE CHECK THE FOLLOWING TABLES

University Bachelors

| Diploma | Special Requirements | Access | Remarks |
|--|--|-----------------------------|---|
| UCLouvain Bachelors | | | |
| Bachelor : Business Engineering (Mons campus) Bachelor : Business Engineering (Louvain-la-Neuve campus) | | Direct access | > Online enrolment |
| Bachelor in Engineering (Louvain-la-Neuve campus) | Have followed the Minor in Management (basic knowledge) and 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 |
| Other UCLouvain 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 |
| Others Bachelors of the French speaking Community of Belgium | | | |
| 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 credits into the master's programme > Submit a UCLouvain online access request |
| Non-Belgian Master's university degree issued by a recognized institution | Meet the general and specific access requirements . | Access based on application | If general and specific requirements are met > Submit |

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 basic training in management sciences, consult Master [60] in Management (shift schedule) (Mons site) or Master [60] in Management (shift schedule) (Charleroi site).

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.

In the event of access on file, and depending on the diploma you hold, please refer to the "general and specific conditions of access" which can be downloaded in PDF format by simply clicking on the hyperlinks given in the tables above.

Admission and Enrolment Procedures for general registration

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 two (maximum three) weekdays to facilitate travel between campuses.

Combination of academic knowledge and workplace experience

The programme is taught by an equal balance of teachers who are also practising researchers in their field and professionals selected for their widely acknowledged experience and expertise. Students must also complete an internship in a company and their dissertation can take the form of an individual final project by addressing an issue or assignment identified during their internship. Links with the business world are a constant of both classroom teaching and the extra-academic activities organised by the School's Corporate unit.

Teaching methods focused on learning and developing transferable skills

In concrete terms, this means that the teaching methods virtually always focus on problem-solving, collaborative learning (case studies, project, problems, simulations) and self-guided work. This approach is supported by compulsory reading, theory classes and lectures, with an equal balance between continuous and final assessment, and between individual and group assessment.

A strong international focus

The international aspect of this programme is supported by a particularly extensive network of exchange partners (over 140 partner business schools), access (from the LLN campus) to the [CEMS](#) Master in International Management (we are the only university in Belgium offering this) and the opportunity to obtain a [double degree](#) with one of seven prestigious partner universities.

Evaluation

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

Several [assessment methods](#) are used in this programme, with a particular focus on what are known as “active” teaching methods, which encourage students to take an active role in the learning process:

- **continuous assessment** of each student's output/acquired knowledge, individually or in groups: presentations, moderation of debates, written reports;
- **ad hoc assessment** of acquired knowledge via written and oral exams after the six-week course block or during the examination sessions.

To find out more about assessment, click on the title of the course to see the course description.

Mobility and/or Internationalisation outlook

Internationalisation

This Master's programme has the added benefit of offering various mobility and internationalisation options:

- Many LSM courses are taught in English.
- **One term abroad** (30 credits) ([exchange programme](#)) at one of the 145 partner universities that are renowned worldwide for their management courses.
- **One term in Flanders** (30 credits) (Erasmus Belgica) at one of the three partner universities renowned for their management courses.
- A unique opportunity, exclusive in Belgium to LSM, to take the **CEMS Master in International Management** run by the [CEMS](#) Global Alliance in Management Education network (from the LLN campus), plus exclusive access to the [PIM](#) (Partnership in International Management) network.
- The opportunity to spend the **second year abroad** as part of the **International Business (IB)** programme, which offers an exchange at a partner university and a six-month internship at a company outside the European Union.
- The possibility of obtaining **two Master's degrees** by combining a full year at LSM (UCLouvain) and another full year at a partner university. Several [DDs \(double degrees\)](#) and a [DDD](#) (dedicated double degree) are offered in partnership with seven prestigious European universities.

Internships and contact with the business world

The second term of Year 2 of the Master's programme is given over to an internship (minimum three months) at a company or organisation. Completing this work placement and a dissertation (which may or may not be tied in with the internship) offers greater contact with the business world at the end of the programme. With many options for internships or stays abroad, in Europe or elsewhere in the world, students will be better prepared to enter the workplace.

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

Denomination

Sector

Acronym

Postal address

SSH/LSM

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

Human Sciences ([SSH](#))

LSM

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

