

**At Mons - 120 credits - 2 years - Day schedule - In French**

Dissertation/Graduation Project : **YES** - Internship : **YES**

## INGM2M - Introduction

### Introduction

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#### 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:

- 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 LtmeMampus);



## INGM2M - Teaching profile

### Learning outcomes

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***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.

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

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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

## Detailed programme by subject

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### CORE COURSES

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- 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
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## PROFESSIONAL FOCUS [30.0]

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

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

Year

1 2

Options (alternative à l'échange)

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- > [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 \(Mons\)](#)



## 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, ...)

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

Year

1 2

### o Content:

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#### o Term 1

● MLSMM2151

Data Mining

Abdessamad Ait El Cadi

## 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] 🌐	X	
○ LLSMS2034	Supply Chain Planning	Marc Foret (compensates Mathieu Van Vyve) Mathieu Van Vyve	EN [q2] [30h] [5 Credits] 🌐	X	
○ LLSMS2035	Supply Chain Coordination and Sourcing	Per Joakim Agrell	EN [q2] [30h] [5 Credits] 🌐	X	

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

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

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

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

Year

1 2

### o Content:

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**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					
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## MAJOR "I CARRÉ" (MONS) [30.0]

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- 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]

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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, ...)

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
● 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**

## MAJOR INNOVATION MANAGEMENT (LLN) [30.0]

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

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## **MAJOR INTERNATIONAL FINANCE (LLN) [30.0]**

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- 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
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## MAJOR FINANCIAL ENGINEERING (LLN) [30.0]

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- 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:

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#### o Term 1

● LLSMS2221	Tutorat et approfondissement		(FR) [q1] [5 Credits]	🌐	x

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

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- 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:

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#### 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		

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

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

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

*INEO is a major offered in 30 Master programmes, in 9 faculties of UCLouvain. It involves the completion of an interfaculty Master's*



## ***MAJOR INTERNATIONAL BUSINESS (LLN) [30.0]***

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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 2024-2025
  - ⊗
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## PHILIPPE DE WOOT MAJOR IN CORPORATE SUSTAINABLE MANAGEMENT (LLN) [30.0]

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- 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:

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#### o Term 1

● LLSMS2221	Tutorat et approfondissement		(FR) [q1] [ ] [5 Credits] 🌐	x
● LLSMS2280	Business Ethics and Compliance Management	Carlos Desmet		

**MAJOR ENERGY MANAGEMENT (LLN) [30.0]**

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

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

*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**

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

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***COURS AU CHOIX [5.0]***

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- 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]

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## OPTION ENTREPRENEURSHIP (MONS) [15.0]

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

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

Year

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### o Content:

● MLSMM2261	Collective Entrepreneurship	Julie Hermans	(FR) [q1] [30h] [5 Credits]		x

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

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

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

## OPTION INTERNATIONAL FINANCE (LLN) [15.0]

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

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

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			

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

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

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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:**

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● LLSMS2000	Marketing Research	Gordy Pleyers	EN
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For more information : <https://uclouvain.be/en/research-institutes/lidam/core/kronos-chair-in-sourcing-and-procurement.html>

- Mandatory
  - ✘ Optional
  - △ Not offered in 2024-2025
  - ⊗ Not offered in 2024-2025 but offered the following year
  - ⊕ Offered in 2024-2025 but not the following year
  - △ ⊕ Not offered in 2024-2025 or the following year
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## OPTION FINANCE (ICHEC) [15.0]

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

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

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

Year

1 2

### o Content:

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● EICHE1018





				Year	
				1	2
<input type="radio"/>	MHELH2114	Introduction Energie et Techniques Spéciales		PR [q2] [36h] [4 Credits]	X
<input type="radio"/>	EHELH2115	Electronique appliquée		PR [q1] [30h] [3 Credits]	X

**› Bloc annuel 2 du parcours i<sup>2</sup> en électromécanique (30 crédits)**

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

<input type="radio"/>	MHELH2211	Electricité industrielle		PR [q1] [36h+12h] [5 Credits]	X
<input type="radio"/>	MHELH2212	Automatique		PR [q1] [10h+30h] [4 Credits]	X
<input type="radio"/>	MHELH2214	Informatique Avant 2024-2025 : Réseaux industriels		PR [q1] [24h] [2 Credits]	X
<input type="radio"/>	MHELH2215	Cours à option		PR [q1] [120h] [10 Credits]	X
<input type="radio"/>	MHELH2216	Hydraulique et pneumatique		PR [q1] [36h] [3 Credits]	X
<input type="radio"/>	MHELH2217	Electronique		PR [q1] [54h] [6 Credits]	X

**i<sup>2</sup> track in biochemistry**





## Course prerequisites

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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](#).

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### # 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

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



Bachelor Management Engineer		Direct access	> <a href="#">Online enrolment</a>
Other Bachelor degrees	Meet the <a href="#">conditions générales et spécifiques d'accès</a> .	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 > <a href="#">Online enrolment</a>
<b>Bachelors of the Dutch speaking Community of Belgium</b>			
Bachelor handelsingenieur		Direct access	> <a href="#">Online enrolment</a>
Other Bachelor degrees	Meet the <a href="#">conditions générales et spécifiques d'accès</a> .	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 > <a href="#">Online enrolment</a>
<b>Foreign Bachelors</b>			
Non-Belgian Bachelor degree in Business Engineering or equivalent issued by a recognized academic institution.	Meet the <a href="#">conditions générales et spécifiques d'accès</a> .	Access based on application	If conditions spécifiques et générales are met > <a href="#">Submit a UCLouvain online request</a>

## Non university Bachelors

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

Holders of a **bachelor's degree, from long type belgian non-university higher education**, in commercial engineering may, after analysis of the file by the jury and only if they have an average of at least 67% for the 3 years of bachelor's degree, access 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
<b>"Licenciés"</b>			
Any Belgian Licence	Meet the <a href="#">general and specific</a>		

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





Courses are also given in foreign languages by visiting professors.

## Possible trainings at the end of the programme

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- [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

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### Curriculum Management

Faculty

