

**INGE2M**

2014 - 2015

Master [120] in Business engineering

**At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In french**Dissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **YES**Activities on other sites : **optional**Organized by: **Louvain School of Management (LSM)**Programme code: **inge2m** - European Qualifications Framework (EQF): 7**Table of contents**

Introduction .....	2
Teaching profile .....	3
- Learning outcomes .....	3
- Programme structure .....	5
- Detailed programme .....	8
- Programme by subject .....	8
Information .....	34
- Admission .....	34
- Teaching method .....	36
- Evaluation .....	36
- Mobility and/or Internationalisation outlook .....	36
- Possible trainings at the end of the programme .....	37
- Contacts .....	37

## INGE2M - Introduction

### Introduction

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#### Introduction

The Business Engineering master is a two-year management programme which is intended to strengthen the managerial abilities of students having a background in sciences (physics and chemistry) and technologies (energy, electronics and telecommunications, mechanical engineering and processes) in addition to their training in economics and management and quantitative methods.

The Louvain School of Management was ranked 1st in Belgium for the Master in Business Engineering (Financial Times 2011, 2013.)



[List of course materials](#)



[Brochure Master in Business Engineering 120](#)

#### Your profile

- You wish to develop your skills in the management of technologies;
- you seek to develop concrete in-company experience and participate in the management of complex and innovative projects;
- you are looking for a high-quality education, based on solid scientific knowledge, in the area of high-tech industry and services;
- you are motivated by entrepreneurial drive and a desire to learn how to work effectively in a team;
- you wish to become a manager.

#### Your future job

Entrepreneurial ability, the capacity to transform initiatives into economic realities, to organise these activities and ensure their continuity, to find the necessary resources and adequately combine them: these are the skills that one expects from those wishing to assume responsibilities in the management of companies.

Our graduates can be found in the highest corporate management positions, as well as in consultancy, auditing, banking, industry (production and operations management) and environmental management.

#### Your programme

During the course of this master, you will develop the skills necessary for mastering the complex and varied realities that companies encounter in the knowledge economy.

- You will learn to model and formalise management problems and situations;
- you will integrate the technological processes and master their application in the industrial world;
- you will strengthen your language skills by taking a part of the courses in English;
- you will be able to take a quarter of courses in one of the 130 partner universities;
- you will have the possibility to be selected to complete your programme with the degree of Master's in International Management (CEMS), an exclusive in Belgium;
- you will be able to have the opportunity to take the second master year abroad either within the framework of the IB (International Business) programme which provides for an exchange stay in a university partner and the performance of a 6-month traineeship in a company outside the European Union, or by applying for a double degree organised with our partner universities;
- you will be able to integrate the specialisation in "entrepreneurship" (CPME training) or that in environmental management;
- you will be able to expand your choice of options thanks to the offer in the areas of expertise on the two campuses of the LSM.

## INGE2M - Teaching profile

### Learning outcomes

#### 1. A profile of the graduate

The Master in Business Engineering prepares the graduate to meet the challenge of **becoming a socially responsible and enterprising expert in management, incorporating technological and industrial aspects and innovation.**

The **Master in Business Engineering** is a programme that develops the skills and expertise necessary for the dialogue between management professions and science- and technology-oriented professions in public or private, commercial or non-commercial organisations. In addition to training in economics and management and quantitative methods, it aims to boost knowledge in science (physics and chemistry) and technologies (energy, electronics and telecommunications, mechanics and procedures).

At the end of this programme (including a required work placement in a company or research centre and an optional foreign exchange), the graduate will have developed the skills and knowhow that will allow him to master the complex and varied issues that businesses and industries encounter in managing knowledge, occupations, skills and processes at a strategic or logistical level. He will also be specialised in one or more areas of management:

- functional: human management, marketing, finance, accounting, operations and logistics, information systems and ICT, strategy and innovation, etc.
- or transversal: operational, tactical or strategic levels.

At the end of this programme, the graduate will be:

##### **Responsible:**

He is capable of implementing socially responsible management practices in any type of organisation.

##### **An Expert:**

- He will have acquired in-depth quantitative and methodological skills;
- He is capable of modelling and formulating management problems and situations in sectors that are highly technological and centred on innovation, among others, with a view to providing solutions and improvements;
- He is capable of assimilating technological processes and mastering their applications in the industrial and service setting.

##### **Enterprising:**

He is capable of grasping and comprehending the complex issues of the innovative sectors and mastering their management.

Aware of the responsibility inherent to his profession, the graduate will have acquired the mindset of a critical participant, capable of making decisions in organisational, technological and innovative environments while putting **ethical and socially responsible management values** at the centre of his concerns. He will have adopted an approach of continuous development that will allow him to be a professional demonstrating expertise, capable of adapting and evolving positively in his environment.

#### 2. The competency framework

**At the end of this programme, the graduate is capable of:**

##### **Introduction**

The exit profile of the Master in Business Engineering graduate is specified by the LSM competency framework ([www.lsmcompetencyframework.be](http://www.lsmcompetencyframework.be)) with in particular:

- an academic education centred on training in economics and management, quantitative methods, science (physics and chemistry) and technologies (energy, electronics and telecommunications, mechanics and procedures),
- priority given to the following skills:
  - Acting as a socially responsible participant,
  - Mastering knowledge,
  - Managing a project,
  - Innovating and taking action,
  - Applying a scientific approach.
- possibility of developing some of these skills in greater depth through his choice of options, tracks, thesis, work placement and exchange.

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

##### **1. Corporate citizenship**

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

- 1.1. Demonstrate independent reasoning, look critically and consciously at acquired knowledge (both academic and common sense) and managerial practices, in light of emerging circumstances and their outcomes.
- 1.2. Decide and act by incorporating ethical and humanistic values, integrity, respect for the laws and conventions, solidarity and civic action, and sustainable development.
- 1.3. Decide and act responsibly, while taking into account the social, economic and environmental, sometimes antinomic, outcomes in the short, medium and long term, for the various stakeholders.

##### **2. Knowledge and reasoning**

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

- 2.1. Master the core knowledge of each area of management.
- 2.2. Master highly specific knowledge in one or two areas of management: advanced and current research-based knowledge and methods.
- 2.3. Articulate the acquired knowledge from different areas of management.
- 2.4. Activate and apply the acquired knowledge accordingly to solve a problem.
- 2.5. Contribute to the development and advancement of the management field.

**3. A scientific and systematic approach**

**Analyze and resolve problems in multidisciplinary and complex management situations using a scientific and systematic approach.**

- 3.1. Conduct a clear, structured, analytical reasoning by applying, and eventually adapting, scientifically based conceptual frameworks and models, to define and analyze a problem.
- 3.2. Collect, select and analyze relevant information using rigorous, advanced and appropriate methods.
- 3.3. Consider problems using a systemic and holistic approach: recognize the different aspects of the situation and their interactions in a dynamic process.
- 3.4. Perceptively synthesize the essential elements of a situation, demonstrating a certain conceptual distance, to diagnose and identify pertinent conclusions.
- 3.5. Produce, through analysis and diagnosis, implementable solutions in context and identify priorities for action.

**4. Innovation and Entrepreneurship**

**Innovate, develops entrepreneurial capacities 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. Undertake, develop and implement ideas around a new product, service, process or organizational structure, having evaluated the risks and remain pragmatic.
- 4.3. Integrate, collaborate and actively drive forward collective actions for change, and diffuse for social awareness.
- 4.4. Reflect on and improve the content, processes and goals of professional practices.

**5. Work effectively in an international and multicultural environment**

**Work as an interface between stakeholders with different rationales, belief systems, training, nationalities, cultures...**

- 5.1. Understand the inner workings of an organization: develop a global approach and integrate the internal logic used, within the organization.
- 5.2. Position and understand the functioning of an organization, in its local and international socio-economic dimensions and identify the associated strategic issues and operational decisions.
- 5.3. Understand and establish their own role and scope for action, in the overall operation of the organization, while liaising with the various internal and external stakeholders.

**6. Teamwork and leadership**

**Integrate and work in a team; exercise enlightened leadership within the group.**

- 6.1. Work in a team: join in and collaborate with team members. Be open and take into consideration the different points of view and ways of thinking, manage differences and conflicts constructively, accept diversity.
- 6.2. Exercise enlightened leadership skills: unite and motivate different team members, identify, draw on and develop their skills and talents, guide them towards achieving a common goal, while adapting to time constraints and the changing environment.

**7. Project management**

**Define and manage a project to completion, taking into account the objectives, resources and constraints that characterize the project environment.**

- 7.1. Analyse a project within its environment and define the expected outcomes: identify what is at stake, the required outcomes and the environmental constraints; clearly define the project objectives and associate the performance indicators.
- 7.2. Organize, manage and control the process: structure and schedule the tasks, identify and allocate human and material resources, coordinate, delegate and supervise the tasks; take into account the anticipated constraints and risks.
- 7.3. Make decisions and take responsibility for them in an uncertain world: take initiatives and act, anticipate and be proactive, show discernment and good judgment and be prepared to make quick decisions, taking into account multiple factors and uncertainties; accept the risks and consequences of decisions.

**8. Communication and interpersonal skills****Communicate, converse effectively and convincingly with the stakeholders..**

8.1. Express a clear and structured message, both orally and in writing in their mother tongue, in English and ideally, in a third language, adapted to the audience and using context specific communication standards.

8.2. Interact and discuss effectively and respectfully with diverse stakeholders (supervisors, peers, colleagues, clients ...) in face-to-face and group contexts, using both verbal and nonverbal communication skills: demonstrate the ability to listen, empathize, be assertive, provide and accept constructive criticism.

8.3. Convince and negotiate: understand the needs and viewpoints of others, put forward their reasoning in an appropriate, relevant and convincing manner, able to bring out points of agreement, even in antagonistic situations.

**9. Personal and professional development****Display self-knowledge and independence, able to adapt quickly to new situations and involve positively.**

9.1. Independent self-starter: set priorities, anticipate and plan work activities within time constraints, rigorous, structured and thorough, even in changing, uncertain environments or crisis.

9.2. Self-awareness and self-control: be aware of and manage their own emotions, able to be objective about their work and behaviour, and recognize their own strengths and weaknesses, accept them and use them in a professional manner.

9.3. Self-motivation: be capable of creating a project in line with their own values and aspirations, confident and motivated in managing the implementation of the project, and persevere in difficult situations.

9.4. Quick study, lifelong learner: quickly and independently assimilate new information and skills needed to evolve in their professional environment, learn from successes and errors in the spirit of lifelong learning.

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

- 1. Core subjects worth 30 credits**, including the dissertation (20 credits), a course on corporate social responsibility (5 credits) as well as a seminar on topical issues in economics and management (5 credits).
- 2. A professional focus worth 30 credits**, with in-depth study of the distinctive disciplines of the engineer: quantitative methods, technology, information systems, innovation and project management. The professional focus also includes a work placement (10 credits) which may be linked to an issue dealt with in the dissertation.
- 3. Two option courses worth 15 credits**, each made up of three courses. These option courses enable students to specialise in one or two fields of management, either in a particular discipline or in a multidisciplinary field. Certain option courses are entirely or partly in English whilst others are only in French. The language of the course title indicates the language of instruction. Students may take any of the option courses which are available at the campuses of the Louvain School of Management : Louvain-la-Neuve and Mons. In all, over 20 different option courses are available to students in business engineering at the Louvain School of Management.
- 4. An international exchange worth 30 credits**, during which students have the opportunity to take courses in one of the 130 universities who are partners of the Louvain School of Management. Students who do not wish to go abroad may instead take an option course worth 15 credits and 3 courses worth 5 credits each.

The first year of the Master's degree is devoted exclusively to courses in the professional focus and the core subjects, in addition to the two option courses. In the second year, students may do their international exchange in the first semester as the second semester is devoted to the work placement and the dissertation.

The Louvain School of Management also provides students on the 120 hours Masters programmes four different areas of training which can be accessed after they have been selected:

- **Community of European Management Schools (CEMS ) Master in International Management (MIM)**

The Louvain School of Management is the sole partner in Belgium of this network which, for the last few years, has brought together the best European management schools and various partners from outside Europe.

This elite programme is designed to train future leaders of multinational and global companies.

- **Inter-faculty programme : Creation of Small and Medium Enterprises (CPME - Création des Petites et Moyennes Entreprises)**

This programme brings together students from different faculties at UCL and provides them with the analytical tools to help them understand business processes, start or take on businesses of different kinds and to develop business projects within existing organisations.

- **International Business programme ( IB )**

This programme is designed for students who wish to pursue an international career. Through an exchange of courses and a 6-month work placement abroad in a multinational company, it promotes an open-minded approach, intercultural awareness, adaptability and pro-activity, all of which are vital for work in an international context.

### • Double degree

By gaining 60 credits from courses at UCL, 60 credits from one of the following partner universities and a dissertation worth 20 credits common to both institutions, students are awarded two degrees, one from the Catholic University of Louvain and the other from the partner university:

- [Aalto University](#) (Helsinki, Finland)
- [Universität zu Köln](#) (Cologne, Germany)
- [Egade](#) (Mexico)
- [Norwegian School of Economics and Business Administration](#) (Bergen, Norway)
- [Universida de NOVA de Lisboa](#) (Lisbon, Portugal)
- [Vytautas Magnus University](#) (Kaunas, Lithuania)

### NOTE:

If you hold a second cycle university degree or a Bachelor degree equivalent to the Business Engineering degree (i.e. minimum 240 credits), you can **access directly the second year of the master 120 in Business Engineering**. This program will include, depending on the credits accorded, a **minimum of 60 and a maximum of 75 credits. For further information ->**

*Whatever the focus or the options chosen, the programme of this master shall totalize 120 credits, spread over two years of studies each of 60 credits.*

[> Core courses](#) [ en-prog-2014-inge2m-linge220t.html ]

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[> Professional focus](#) [ en-prog-2014-inge2m-linge200s ]

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Options courses

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- > INGE Options - 1st Term [ en-prog-2014-inge2m-linge110r.html ]
  - > LLN - Finance 1 : Asset Management [ en-prog-2014-inge2m-linge261o.html ]
  - > LLN - Finance 2 : Governance and control [ en-prog-2014-inge2m-linge212o.html ]
  - > LLN - Strategic marketing [ en-prog-2014-inge2m-linge210o.html ]
  - > MONS - Asset Management [ en-prog-2014-inge2m-mingm203o.html ]
  - > MONS - Marketing decisions [ en-prog-2014-inge2m-mingm201o.html ]
  - > MONS - Marketing communication [ en-prog-2014-inge2m-mingm210o.html ]
  - > MONS - Business Analytics [ en-prog-2014-inge2m-mingm207o.html ]
  - > LLN - Supply Chain Management 1 [ en-prog-2014-inge2m-linge223o.html ]
  - > LLN - Innovation 1 : Innovation Management [ en-prog-2014-inge2m-linge230o.html ]
  - > LLN - Advanced Management 1 [ en-prog-2014-inge2m-linge207o.html ]
  - > LLN - Environmental management 1 [ en-prog-2014-inge2m-linge240o.html ]
  - > LLN - Quantitative Methods in Management 1 [ en-prog-2014-inge2m-linge208o.html ]
- > Interuniversity Mobility Options - 1st Term [ en-prog-2014-inge2m-linge106r.html ]
  - > NAMUR - Management Services 1 : Functional Aspects [ en-prog-2014-inge2m-ninge238o.html ]
  - > NAMUR - Information Management 1 : Data and Business Analysis [ en-prog-2014-inge2m-ninge232o.html ]
  - > ICHEC - North-South development and Management [ en-prog-2014-inge2m-binge237o.html ]
  - > ICHEC - Taxation [ en-prog-2014-inge2m-binge239o.html ]
- > INGE Options - 2nd Term [ en-prog-2014-inge2m-linge109r.html ]
  - > LLN - Ethics in Business : Corporate Social Responsibility (CSR) [ en-prog-2014-inge2m-linge262o.html ]
  - > LLN - Finance 3 : Corporate Finance [ en-prog-2014-inge2m-linge213o.html ]
  - > LLN - Finance 4 : Risk Management [ en-prog-2014-inge2m-linge214o.html ]
  - > LLN - Finance 5 : Quantitative finance [ en-prog-2014-inge2m-linge215o.html ]
  - > MONS - Risk Management [ en-prog-2014-inge2m-mingm204o.html ]
  - > LLN - Special Issues Marketing [ en-prog-2014-inge2m-linge260o.html ]
  - > MONS - Marketing & Consumer [ en-prog-2014-inge2m-mingm202o.html ]
  - > LLN - Innovation 2 : Innovation in the Knowledge Economy [ en-prog-2014-inge2m-linge227o.html ]
  - > LLN - Innovation 3 : Innovation Managing Start-Ups [ en-prog-2014-inge2m-linge228o.html ]
  - > LLN - Innovation 4 : Managing innovative organizations [ en-prog-2014-inge2m-linge229o.html ]
  - > LLN - Supply Chain Management 2 [ en-prog-2014-inge2m-linge224o.html ]
  - > LLN - Sourcing and Procurement : GSK Biologicals Partnership [ en-prog-2014-inge2m-linge252o.html ]
  - > LLN - Environmental management 2 [ en-prog-2014-inge2m-linge241o.html ]
  - > LLN - Informations Systems [ en-prog-2014-inge2m-linge270o.html ]
  - > LLN - Advanced Management 2 [ en-prog-2014-inge2m-linge209o.html ]
  - > LLN - International Business [ en-prog-2014-inge2m-linge251o.html ]
  - > LLN - Management Research [ en-prog-2014-inge2m-linge250o.html ]
  - > LLN - Quantitative Methods in Management 2 [ en-prog-2014-inge2m-linge211o.html ]
  - > MONS - Supply Chain : Logistics and Transportation [ en-prog-2014-inge2m-mingm209o.html ]
- > Interuniversity Mobility Options - 2nd Term [ en-prog-2014-inge2m-linge116r.html ]
  - > NAMUR - Management Services 2 : Cross-cutting Aspects [ en-prog-2014-inge2m-ninge249o.html ]
- > LLN - Entrepreneurship - CPME [ en-prog-2014-inge2m-linge221o.html ]
- > Exchange or COURSES [ en-prog-2014-inge2m-linge112o.html ]

Special programs

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- > [Master in International Management \(CEMS MIM\)](#) [ en-prog-2014-inge2m-linge220r.html ]



## INGE2M Detailed programme

### Programme by subject

#### CORE COURSES [30.0]

- Mandatory  Optional  
 Courses not taught during 2014-2015  Periodic courses not taught during 2014-2015  
 Periodic courses taught during 2014-2015  Two years course

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

*Mandatory Core subjects of 30 credits, including a master's thesis (20 credits), a course on Corporate Social Responsibility (5 credits) as well as a course on Philosophical Foundations of strategy and Innovation (5 credits).*

Year  
1 2

#### o Activities linked to the final master's thesis (20 credits)

*It is possible, but not compulsory, to link the master's thesis to the internship.*

<input type="radio"/> LLSMD2901	<a href="#">Final Master's Thesis</a>	N.		18 Credits			x
<input type="radio"/> LLSMD2094	<a href="#">Master's Thesis Seminar</a> <small>The seminar sessions are spread over the two year-master but will be credited in Master 2. As from the 1st year of master, you must register on iCampus (<a href="https://icampus.uclouvain.be">https://icampus.uclouvain.be</a>) mandatory sessions already taking place in the Master 1.</small>	Anne-Laure Bartier, Chantal de Moerloose, Robert Peirce	30h	2 Credits			x

#### o Philosophical Foundations of Strategy and Management (5 credits)

<input type="radio"/> LLSMS2298	<a href="#">Philosophical Foundations of Strategy and Innovation (in French)</a>	Luc de Brabandere	30h	5 Credits	2q		x
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#### o Corporate social responsibility (5 credits)

*1 course among :*

<input checked="" type="checkbox"/> LLSMS2098	<a href="#">Corporate Social Responsibility (in French)</a>	Thierry Bréchet, Carlos Desmet (compensates Valérie Swaen), Valérie Swaen	30h	5 Credits	1q		x
<input checked="" type="checkbox"/> LLSMS2099	<a href="#">Corporate Social Responsibility (in English)</a>	Ina Aust-Gronarz	30h	5 Credits	1q		x
<input checked="" type="checkbox"/> LESPO2212	<a href="#">Social responsibility in Economic life</a>	N.	15h	5 Credits	1q	<input type="triangle-up"/>	x

#### PROFESSIONAL FOCUS [30.0]

- Mandatory  Optional  
 Courses not taught during 2014-2015  Periodic courses not taught during 2014-2015  
 Periodic courses taught during 2014-2015  Two years course

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

*The professional focus worth 30 credits is based on advanced study of the various disciplines of business engineering : Project Management, Quantitative Methods, Information Systems and Technology. The professional focus also involves a compulsory internship worth 10 credits (does not apply to CPME Students).*



## o Business engineering fields (20 credits)

### o Quantitative or Technological Project (10 credits)

1 course among :

⌘ LLSMF2018	Technological project (in French)	Paul Fisette, Benoît Macq, Bernard Nysten (coord.)	60h	10 Credits	1q	x	
⌘ LLSMF2019	Quantitative project (in English)	Philippe Chevalier, Mathieu Van Vyve	60h	10 Credits	1q	x	

### o Project or Innovation Management (5 credits)

1 course among:

⌘ LLSMF2021	Project management (in English)	Jean Raucent, Pierre Semal (coord.)	30h	5 Credits	1q	x	
⌘ LLSMF2015	Technology & Innovation Strategic Management (in English) <i>May not be chosen with the Innovation Management option</i>	Régis Coeurderoy (compensates Alain Vas), Bernard Paque (compensates Alain Vas), Alain Vas	30h	5 Credits	2q	x	

### o Data or Information Systems Management (5 credits)

1 course among:

⌘ LLSMF2013	Quantitative data analysis(in English) <i>Prérequis obligatoires : 1 cours de statistiques approfondies ET de statistiques multivariées</i>	Marco Saerens	30h	5 Credits	2q	x	
⌘ LLSMF2014	IT management (in French) <i>May not be chosen with the Information Systems option</i>	Manuel Kolp	30h	5 Credits	2q	x	

## o Internship - 1 Internship among: (10 credits)

### ⌘ Internship (10 credits)

o LLSMD2915	Stage avec accompagnement	N.		8 Credits			x
o LLSMD2095	Séminaire d'accompagnement du stage	Nathalie Delobbe, Thomas Périlleux (coord.), Mathieu Van Vyve	15h	2 Credits	2q		x

### ⌘ IB Internship (10 credits)

It's compulsory for selecte IB students to register to the IB internship which is exclusively reserved.

o LLSMD2916	International Internship	N.		8 Credits			x
o LLSMD2914	International Internship's Coaching	Christophe Lejeune	30h	2 Credits	2q		x

## OPTIONS [30.0]

During the **first year of the Master's** programme, students have the opportunity to **specialize** in one or two functional or multidisciplinary areas in management by taking **2 option courses worth 15 ECTS** each: one in the first semester and one in the second. They can select option courses offered by both of our campuses: Louvain-la-Neuve and Mons. Students' mobility from one campus to another has been taken into account by concentrating at least three courses from a single option on a single day in the week.

- [Elective courses semester 1](#)
- [Elective courses semester 2](#)
- [Interuniversity Mobility Option - 1st Term](#)
- [Interuniversity Mobility Option - 2nd Term](#)

Students selected for the interdisciplinary **CPME programme** (oriented "small and middle business starting up") must take the **30 ECTS** of the CPME specialization, instead of the 2 option course worth 15 ECTS.

- [Entrepreneuriat - CPME](#)

Student selected during the first year for an exchange programme, will take 30 ECTS during their term abroad (1st semester of the second year). Students who do not take part in an exchange programme must take 30 ECTS at the LSM and they can choose among a dedicated portfolio.

Selected students have the possibility of being admitted to one of LSM international programmes:

- Student selected during the first year for the CEMS-MIM programme, will follow a dedicated programme which includes one (or even two) semester abroad in one of the CEMS partner School, a Business Project and an internship abroad. (LSM is the only Belgian School to offer the CEMS-MIM programme.)

- Students selected during the first year for one of the LSM double degree programmes, will spend their second year studying at the partner university, thereby gaining a double degree.

- Students selected for the International Business programme will spend their second year abroad (outside the EU): one semester studying in a partner university

and one semester doing an internship in an international company.

- [Exchange or courses to choose](#)
- [CEMS](#)
- [Double degree](#)
- [International Business \(IB\)](#)

### INGE Options - 1st Term

- > [LLN - Finance 1 : Asset Management](#) [ en-prog-2014-inge2m-linge261o ]
- > [LLN - Finance 2 : Governance and control](#) [ en-prog-2014-inge2m-linge212o ]
- > [LLN - Strategic marketing](#) [ en-prog-2014-inge2m-linge210o ]
- > [MONS - Asset Management](#) [ en-prog-2014-inge2m-mingm203o ]
- > [MONS - Marketing decisions](#) [ en-prog-2014-inge2m-mingm201o ]
- > [MONS - Marketing communication](#) [ en-prog-2014-inge2m-mingm210o ]
- > [MONS - Business Analytics](#) [ en-prog-2014-inge2m-mingm207o ]
- > [LLN - Supply Chain Management 1](#) [ en-prog-2014-inge2m-linge223o ]
- > [LLN - Innovation 1 : Innovation Management](#) [ en-prog-2014-inge2m-linge230o ]
- > [LLN - Advanced Management 1](#) [ en-prog-2014-inge2m-linge207o ]
- > [LLN - Environmental management 1](#) [ en-prog-2014-inge2m-linge240o ]
- > [LLN - Quantitative Methods in Management 1](#) [ en-prog-2014-inge2m-linge208o ]

### Interuniversity Mobility Options - 1st Term

- > [NAMUR - Management Services 1 : Functional Aspects](#) [ en-prog-2014-inge2m-ninge238o ]
- > [NAMUR - Information Management 1 : Data and Business Analysis](#) [ en-prog-2014-inge2m-ninge232o ]
- > [ICHEC - North-South development and Management](#) [ en-prog-2014-inge2m-binge237o ]
- > [ICHEC - Taxation](#) [ en-prog-2014-inge2m-binge239o ]

### INGE Options - 2nd Term

- > [LLN - Ethics in Business : Corporate Social Responsibility \(CSR\)](#) [ en-prog-2014-inge2m-linge262o ]
- > [LLN - Finance 3 : Corporate Finance](#) [ en-prog-2014-inge2m-linge213o ]
- > [LLN - Finance 4 : Risk Management](#) [ en-prog-2014-inge2m-linge214o ]
- > [LLN - Finance 5 : Quantitative finance](#) [ en-prog-2014-inge2m-linge215o ]
- > [MONS - Risk Management](#) [ en-prog-2014-inge2m-mingm204o ]
- > [LLN - Special Issues Marketing](#) [ en-prog-2014-inge2m-linge260o ]
- > [MONS - Marketing & Consumer](#) [ en-prog-2014-inge2m-mingm202o ]
- > [LLN - Innovation 2 : Innovation in the Knowledge Economy](#) [ en-prog-2014-inge2m-linge227o ]
- > [LLN - Innovation 3 : Innovation Managing Start-Ups](#) [ en-prog-2014-inge2m-linge228o ]
- > [LLN - Innovation 4 : Managing innovative organizations](#) [ en-prog-2014-inge2m-linge229o ]
- > [LLN - Supply Chain Management 2](#) [ en-prog-2014-inge2m-linge224o ]
- > [LLN - Sourcing and Procurement : GSK Biologicals Partnership](#) [ en-prog-2014-inge2m-linge252o ]
- > [LLN - Environmental management 2](#) [ en-prog-2014-inge2m-linge241o ]
- > [LLN - Informations Systems](#) [ en-prog-2014-inge2m-linge270o ]
- > [LLN - Advanced Management 2](#) [ en-prog-2014-inge2m-linge209o ]
- > [LLN - International Business](#) [ en-prog-2014-inge2m-linge251o ]

- > LLN - Management Research [ en-prog-2014-inge2m-linge250o ]
- > LLN - Quantitative Methods in Management 2 [ en-prog-2014-inge2m-linge211o ]
- > MONS - Supply Chain : Logistics and Transportation [ en-prog-2014-inge2m-mingm209o ]

Interuniversity Mobility Options - 2nd Term

- > NAMUR - Management Services 2 : Cross-cutting Aspects [ en-prog-2014-inge2m-ninge249o ]
- > LLN - Entrepreneurship - CPME [ en-prog-2014-inge2m-linge221o ]
- > Exchange or COURSES [ en-prog-2014-inge2m-linge112o ]

## INGE OPTIONS - 1ST TERM

### LLN - FINANCE 1 : ASSET MANAGEMENT [15.0]

- Mandatory
- △ Courses not taught during 2014-2015
- ⊕ Periodic courses taught during 2014-2015
- ⊗ Optional
- ⊙ Periodic courses not taught during 2014-2015
- ⊞ Two years course

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

Incompatible with the option "Asset Management" at Mons.

						Year	
						1	2
○ LLSMS2213	Equity & Fixed Income (in English)	Bruno Colmant, Leonardo Iania	30h	5 Credits	1q	x	
○ LLSMS2012	National and International Markets (in French)	Hervé Van Oppens	30h	5 Credits	1q	x	
<b>○ 1 course among: (5 credits)</b>							
⊗ LLSMS2017	International Accounting Standards (in English)	Bruno Colmant	30h	5 Credits	1q	x	
⊗ LLSMS2215	Derivative Securities	Leonardo Iania	30h	5 Credits	1q	x	

### LLN - FINANCE 2 : GOVERNANCE AND CONTROL [15.0]

- Mandatory
- △ Courses not taught during 2014-2015
- ⊕ Periodic courses taught during 2014-2015
- ⊗ Optional
- ⊙ Periodic courses not taught during 2014-2015
- ⊞ Two years course

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

3 courses among:

						Year	
						1	2
⊗ LLSMS2090	Auditing (in English)	Gerrit Sarens	30h	5 Credits	1q	x	x
⊗ LLSMS2017	International Accounting Standards (in English)	Bruno Colmant	30h	5 Credits	1q	x	x
⊗ LLSMS2018	European Corporate Governance (in English) <i>In case of course schedule overlap, the choice of this course does not allow you to choose the course LLSMF2016 - Pilotage de la performance.</i>	Karine Cerrada Cristia, Philippe Lambrecht	30h	5 Credits	1q	x	x
⊗ LLSMF2016	Performance Management (in French) <i>May not be taken with LLSMF2001 - Management Control In case of course schedule overlap, the choice of the course LLSMF2016 does not allow you to choose the course LLSMS2018 - Pilotage de la performance.</i>	Yves De Rongé	30h	5 Credits	1q	x	x
⊗ LLSMF2009	Taxation (in French)	Marcel Gérard	30h	5 Credits	1q	x	x

**LLN - STRATEGIC MARKETING [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

● LLSMS2000	<a href="#">Studies and markets models (in French)</a>	<a href="#">Nicolas Kervyn de Meerendré, Marie-Paule Kestemont</a>	30h	5 Credits	1q	x	x
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**o 2 courses among :**

⊗ LLSMS2001	<a href="#">Consumer's behaviour (in French)</a>	<a href="#">Gordy Pleyers, Valérie Swaen</a>	30h	5 Credits	1q	x	x
⊗ LLSMS2002	<a href="#">International Marketing (in French)</a>	<a href="#">Nicolas Lambert (compensates Isabelle Schuiling), Isabelle Schuiling</a>	30h	5 Credits	1q	x	x
⊗ LLSMS2004	<a href="#">Business to Business marketing (in English)</a>	<a href="#">Baudouin Meunier</a>	30h	5 Credits	1q	x	x

**MONS - ASSET MANAGEMENT [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*Incompatible with the option "Finance 1 : Asset Management" at Louvain-la-Neuve.*

Year

1 2

● MGEST2168	<a href="#">Equity Valuation</a>	<a href="#">Mikael Petitjean</a>	30h+0h	5 Credits	1q	x	x
● MGEST2170	<a href="#">Fixed Income Analysis</a>	<a href="#">Isabelle Platten, Frédéric Vrins</a>	30h+0h	5 Credits	1q	x	x
● MGEST2164	<a href="#">Derivative Securities</a>	<a href="#">Isabelle Platten</a>	30h+0h	5 Credits	1q	x	x

**MONS - MARKETING DECISIONS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

● MGEST2125	<a href="#">Distribution</a>	<a href="#">Caroline Ducarroz, Nadia Sinigaglia</a>	30h+0h	5 Credits	1q	x	x
● MGEST2126	<a href="#">Price Management (BASF Partnership)</a>	<a href="#">Caroline Ducarroz, Nadia Sinigaglia</a>	30h+0h	5 Credits	1q	x	x
● MGEST2131	<a href="#">Product and Innovation - BASF Partnership</a>	<a href="#">Claude Pecheux</a>	30h+0h	5 Credits	1q	x	x

**MONS - MARKETING COMMUNICATION [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

							Year	
							1	2
● MCOMU2202	<a href="#">Marketing Communications</a>	<a href="#">Claude Pecheux</a>	30h+0h	5 Credits	1q	x	x	
● MCOMU2203	<a href="#">Processus de création publicitaire</a>	<a href="#">Marc Soumillion</a>	30h+0h	5 Credits	1q	x	x	
● MCOMU2204	<a href="#">Methodology of the marketing communication</a>	<a href="#">Michael Friedman</a>	30h+0h	5 Credits	1q	x	x	

**MONS - BUSINESS ANALYTICS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

							Year	
							1	2
● MQANT2218	<a href="#">Nouvelles technologies et pratiques émergentes</a>	<a href="#">François Fouss</a>	30h+0h	5 Credits	1q	x	x	
● MQANT2113	<a href="#">Data Mining</a>	<a href="#">Nadine Meskens</a>	30h+0h	5 Credits	1q	x	x	
● MQANT2219	<a href="#">Outils quantitatifs d'aide à la décision</a>	<a href="#">Daniele Catanzaro</a>	30h+0h	5 Credits	1q	x	x	

**LLN - SUPPLY CHAIN MANAGEMENT 1 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

							Year	
							1	2
● LLSMS2030	<a href="#">Introduction to Supply Chain Management (in English)</a>	<a href="#">Pierre Semal</a>	30h	5 Credits	1q	x		
● LLSMS2031	<a href="#">Tools for Supply Chain Management decisions (in English)</a>	<a href="#">Mathieu Van Vyve</a>	30h	5 Credits	1q	x		
● LLSMS2035	<a href="#">Supply Chain Coordination and Sourcing (in English)</a>	<a href="#">Per Joakim Agrell</a>	30h	5 Credits	1q	x		

**LLN - INNOVATION 1 : INNOVATION MANAGEMENT [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

						Year	
						1	2
● LLSMS2040	Innovation Management (in English)	Benoît Gailly	30h	5 Credits	1q	x	
● LLSMS2041	Economics of Innovation (in English)	Paul Belleflamme	30h	5 Credits	1q	x	
● LLSMS2042	Developing Innovative Venture (in English)	Benoît Gailly	30h	5 Credits	1q	x	

**LLN - ADVANCED MANAGEMENT 1 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*Incompatible with the option "Advanced Management2" of second term.*

						Year	
						1	2
● LLSMS2100	Advanced finance (in English)	Sophie Béreau, Leonardo Iania	30h	5 Credits	1q	x	
● LLSMF2001	Management Control (in French) <i>May not be taken with LLSMF2016 - Pilotage de la performance. If the course LLSMF2001 or the course LLSMF2016 has already been followed, the 3 other option courses must be chosen.</i>	Yves De Rongé	30h	5 Credits	1q	x	

**○ Courses among:**

⊗ LLSMS2002	International Marketing (in French)	Nicolas Lambert (compensates Isabelle Schuiling), Isabelle Schuiling	30h	5 Credits	1q	x	
⊗ LLSMS2104	Advanced Human Resource Management (in English)	Ina Aust-Gronarz	30h	5 Credits	1q	x	

**LLN - ENVIRONMENTAL MANAGEMENT 1 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

						Year	
						1	2
● LFS2245	Environment and Business	Thierry Bréchet	30h	5 Credits	1q	x	
● LESPO2104	Seminar on management of environmental questions	Thierry Bréchet	30h	5 Credits	1q	x	
● LLSMS2050	Environmental Management (in French)	Daniel Tyteca	30h	5 Credits	1q	x	

**LLN - QUANTITATIVE METHODS IN MANAGEMENT 1 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

⊞ Two years course

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

Note : Before selecting this option, please check that the course schedule is compatible with your course programme. 3 courses among :

						Year	
						1	2
⊗ LECON2031	Applied Econometrics : Time Series	Zhengyuan Gao	30h+12h	5 Credits	1q	x	x
⊗ LECON2033	Applied econometrics: Microeconometrics	Muriel Dejemeppe	30h+12h	5 Credits	1q	x	x
⊗ LLSMS2031	Tools for Supply Chain Management decisions (in English)	Mathieu Van Vyve	30h	5 Credits	1q	x	x
⊗ LLSMS2000	Studies and markets models (in French)	Nicolas Kervyn de Meerendré, Marie-Paule Kestemont	30h	5 Credits	1q	x	x
⊗ LLSMS2100	Advanced finance (in English)	Sophie Béreau, Leonardo Iania	30h	5 Credits	1q	x	x
⊗ LSTAT2210	Advanced linear models	Catherine Legrand	15h+5h	5 Credits	1q	x	x
⊗ LSTAT2020	Statistical computing	Céline Bugli	20h+20h	5 Credits	1q	x	x

**INTERUNIVERSITY MOBILITY OPTIONS - 1ST TERM**

All options available in the interuniversity mobility framework with ICHEC can only be followed in Master 2.

**NAMUR - MANAGEMENT SERVICES 1 : FUNCTIONAL ASPECTS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

⊞ Two years course

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

						Year	
						1	2
● NELMS2413	Marketing des services et des loisirs	N.	30h	5 Credits	1q	x	x
● NELMS2414	Service Management and Operations	N.	30h	5 Credits	1q	x	x
● NELMS2415	Gestion des relations interpersonnelles	N.	30h	5 Credits	1q	x	x

**NAMUR - INFORMATION MANAGEMENT 1 : DATA AND BUSINESS ANALYSIS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

⊞ Two years course

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

3 courses among :

						Year	
						1	2
⊗ NELMI2422	Data Mining	N.	30h	5 Credits	1q	x	x

						Year	
						1	2
⊗ NELMI2424	Business Process Management	N.	30h	5 Credits	1q	x	x
⊗ NELMI2490	Business Intelligence	N.	0h+30h	5 Credits	1q	x	x
⊗ LINFO2422	Méthodes et modèles d'alignement stratégiques IT.	N.	30h+15h	5 Credits	2q	x	x

### ICHEC - NORTH-SOUTH DEVELOPMENT AND MANAGEMENT [15.0]

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Option only available in Master 2.

						Year	
						1	2
○ LPEDV2210	Gestion de projets Nord-Sud	N.	60h	5 Credits	1q		x
○ LPEDV2220	Spécificités de la gestion dans les pays du Sud	N.	60h	5 Credits	1q		x
○ LPEDV2230	Economie et politiques de développement	N.	60h	5 Credits	1q		x

### ICHEC - TAXATION [15.0]

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Option only available in Master 2.

						Year	
						1	2
○ LFISC2210	Fiscalité des entreprises	N.	60h	5 Credits	1q		x
○ LFISC2220	Impôt sur le revenu des personnes physiques	N.	60h	5 Credits	1q		x
○ LFISC2230	Principles of international taxation of Enterprises	N.	60h	5 Credits	1q		x



## INGE OPTIONS - 2ND TERM

**LLN - ETHICS IN BUSINESS : CORPORATE SOCIAL RESPONSABILITY (CSR) [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

						Year	
						1	2
● LLSMS2222	<a href="#">Advanced Seminar in Corporate Social Responsibility (in English)</a>	Ina Aust-Gronarz, Mikael Petitjean, Valérie Swaen, Claude Verstraete	30h	5 Credits	2q	x	x

**○ 2 courses among :**

⊗ LECON2340	<a href="#">Economy and society</a>	Isabelle Ferreras	30h	5 Credits	2q	x	x
⊗ LSPRI2225	<a href="#">Publics policies of Sustainability in the European Union</a>	David Aubin	30h	5 Credits	2q	x	x
⊗ LFSA2202	<a href="#">Ethics and ICT</a>	Maxime Lambrecht, Olivier Pereira	30h	5 Credits	2q	x	x
⊗ LCPME2005	<a href="#">Social Entrepreneurship</a>	Sophie Bacq	30h	5 Credits	2q	x	x

**LLN - FINANCE 3 : CORPORATE FINANCE [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

						Year	
						1	2
● LLSMS2010	<a href="#">Corporate Finance (in French)</a>	Ilham Riachi	30h	5 Credits	2q	x	x

**○ 2 courses among: (10 credits)**

⊗ LLSMS2013	<a href="#">Empirical Finance (in English)</a> <i>Prérequis : cours en finance d'entreprise.</i>	Sophie Béreau	30h	5 Credits	2q	x	x
⊗ LLSMS2014	<a href="#">Entrepreneurial finance (in English)</a>	Philippe Grégoire	30h	5 Credits	2q	x	x
⊗ LLSMF2008	<a href="#">Business Law (in French)</a>	Henri Culot	30h	5 Credits	2q	x	x

**LLN - FINANCE 4 : RISK MANAGEMENT [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*Incompatible with the option "Risk Management" at Mons.*

						Year	
						1	2
● LLSMS2019	<a href="#">Risk Management of Financial Institutions (Part 1) (in English)</a>	Luc Henrard	30h	5 Credits	2q	x	x
● LLSMS2020	<a href="#">Risk Management of Financial Institutions (Part 2) (in English)</a>	Luc Henrard	30h	5 Credits	2q	x	x

Year

1 2

## o 1 course among: (5 credits)

⊗ LDROP2032	Law of Financial Products <i>Restricted Access</i>	Matthieu Duplat, Gaëtane Schaecken Willemaers	30h	5 Credits	2q	x	x
⊗ LDROP2033	Banking Law <i>Restricted Access</i>	André-Pierre André- Dumont, Denis Philippe	30h	5 Credits	2q	x	x
⊗ LLSMS2108	International Financial Management (in English)	Denis Knaepen	30h	5 Credits	2q	x	x
⊗ LLSMS2212	Portfolio Management (in English)	Christophe Dispas	30h	5 Credits	2q	x	x

## LLN - FINANCE 5 : QUANTITATIVE FINANCE [15.0]

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

⊞ Two years course

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

Attention : Before selecting this option, please check that the course schedule is compatible with your course programme.

Year

1 2

○ LACTU2070	STOCHASTIC FINANCE 1	Pierre Devolder	30h	5 Credits	2q	x	x
○ LACTU2240	STOCHASTIC FINANCE 2	Pierre Ars, Pierre Devolder	30h	5 Credits	2q	x	x
○ LACTU2220	ALM OF INSURANCE COMPANIES	Jérôme Barbarin	30h	5 Credits	2q	x	x

## MONS - RISK MANAGEMENT [15.0]

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

⊞ Two years course

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

Incompatible with the option "Finance 4 : Risk Management" in Louvain-la-Neuve.

Year

1 2

○ MGEST2160	Risk Management and Financial Institutions	Isabelle Platten	30h+0h	5 Credits	2q	x	
○ MGEST2161	Portfolio Management	Catherine D'Hondt, Mikael Petitjean	30h+0h	5 Credits	2q	x	

## o Specific courses - 1 course among : (5 credits)

Les étudiants du track "Financial Management" doivent prendre le cours MGEST2141A. Tous les autres étudiants doivent prendre le cours MGEST2163.

⊗ MGEST2141A	IAS & IFRS - Partie I	N.	30h	5 Credits	2q	x	
⊗ MGEST2163	Trading and Exchanges	Catherine D'Hondt, Rudy De Winne (coord.)	30h+0h	5 Credits	2q	x	

**LLN - SPECIAL ISSUES MARKETING [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

● LLSMS2005	Advanced research methods in Marketing (in French)	Marie-Paule Kestemont	30h	5 Credits	2q	x	x
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**o 2 courses among :**

⊗ LLSMS2003	Brand Management (in English)	Isabelle Schuiling	30h	5 Credits	2q	x	x
⊗ LLSMS2006	Strategic Communication(in English)	Jacques François	30h	5 Credits	2q	x	x
⊗ LLSMS2007	E-Marketing	Anne-Cécile Jeandrain	30h	5 Credits	2q	x	x

**MONS - MARKETING & CONSUMER [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

● MGEST2145	Advanced Topics in Consumer Research	Michael Friedman	30h+0h	5 Credits	2q	x	
● MGEST2127	Comportement du consommateur	Claude Pecheux, Ingrid Poncin	30h+0h	5 Credits	2q	x	
● MGEST2128	Méthodes et modèles en marketing	Caroline Ducarroz, Claude Pecheux (coord.)	30h+0h	5 Credits	2q	x	

**LLN - INNOVATION 2 : INNOVATION IN THE KNOWLEDGE ECONOMY [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

● LLSMS2374	Economics of the Internet (in English)	Paul Belleflamme	30h	5 Credits	2q	x	x
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**o 2 courses among :**

⊗ LLSMS2115	E-Management (in English)	Olivier de Broqueville	30h	5 Credits	2q	x	x
⊗ LLSMF2011	Knowledge Management (in English)	Françoise de Viron	30h	5 Credits	2q	x	x
⊗ LDROP2102	In-depth study of questions on intellectual property rights	Alain Strowel	30h	5 Credits	2q	x	x
⊗ LDROP2101	Economic Aspects of Intellectual Property	Dominique Kaesmacher, Alain Strowel, François Wéry	30h	5 Credits	2q	x	x
⊗ LLSMF2107	Strategic Management of Information Systems (in English)	Philippe Guillaume, Jean Vanderdonckt	30h	5 Credits	2q	x	x

**LLN - INNOVATION 3 : INNOVATION MANAGING START-UPS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

						Year	
						1	2
● LLSMS2014	Entrepreneurial finance (in English)	Philippe Grégoire	30h	5 Credits	2q	x	x
● LLSMS2081	Strategic Management of Start ups (in English) <i>Limited acces. See on iCampus for conditions.</i>	Bartholomeus Kamp, Bryan Toney	30h+30h	5 Credits	2q	x	x
<b>⊗ 1 course among:</b>							
⊗ LLSMS2080	International Entrepreneurship (in English) <i>Limited access</i>	Frank Janssen	30h+30h	5 Credits	2q	x	x
⊗ LLSMF2008	Business Law (in French)	Henri Culot	30h	5 Credits	2q	x	x

**LLN - INNOVATION 4 : MANAGING INNOVATIVE ORGANIZATIONS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

3 courses among:

						Year	
						1	2
⊗ LLSMS2007	E-Marketing	Anne-Cécile Jeandrain	30h	5 Credits	2q	x	x
⊗ LLSMF2007	Change Management (in French)	Mélanie Latiers (compensates Alain Vas), Alain Vas	30h	5 Credits	2q	x	x
⊗ LLSMF2011	Knowledge Management (in English)	Françoise de Viron	30h	5 Credits	2q	x	x
⊗ LLSMS2374	Economics of the Internet (in English)	Paul Belleflamme	30h	5 Credits	2q	x	x
⊗ LLSMF2107	Strategic Management of Information Systems (in English)	Philippe Guillaume, Jean Vanderdonck	30h	5 Credits	2q	x	x

**LLN - SUPPLY CHAIN MANAGEMENT 2 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

						Year	
						1	2
● LLSMS2032	Operations Management and Factory Physics (in English)	Philippe Chevalier	30h	5 Credits	2q	x	x
● LLSMS2033	Transportation and Logistics (in English)	Per Joakim Agrell	30h	5 Credits	2q	x	x
● LLSMS2034	Supply Chain Planning (in English)	Marc Foret, Mathieu Van Vyve	30h	5 Credits	2q	x	x

## LLN - SOURCING AND PROCUREMENT : GSK BIOLOGICALS PARTNERSHIP [15.0]

- Mandatory  Optional  
 Courses not taught during 2014-2015  Periodic courses not taught during 2014-2015  
 Periodic courses taught during 2014-2015  Two years course

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

						Year	
						1	2
<input type="radio"/> LLSMS2036	Supply Chain Procurement (in English)	Per Joakim Agrell, Constantin Blome	30h	5 Credits	2q	x	x
<input type="radio"/> LLSMS2037	Sourcing Strategy (in English)	Constantin Blome, Antony Paulraj	30h	5 Credits	2q	x	x
<input type="radio"/> LLSMS2038	Procurement organisation and scope (in English)	Constantin Blome, Andreas Norrman	30h	5 Credits	2q	x	x

## LLN - ENVIRONMENTAL MANAGEMENT 2 [15.0]

- Mandatory  Optional  
 Courses not taught during 2014-2015  Periodic courses not taught during 2014-2015  
 Periodic courses taught during 2014-2015  Two years course

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

						Year	
						1	2
<input type="radio"/> LLSMS2051	Quantitative Methods in Environmental Management (in French) <i>Recommended prerequisite course: LFSA 2245 - Entreprise et environnement</i>	Thierry Bréchet	30h	5 Credits	2q	x	x
<input type="radio"/> LENVI2012	Environment Pollution	Mohamed Ayadim, Bruno Delvaux, Patrick Gerin (coord.), Nathalie Kruyts (compensates Bruno Delvaux)	45h+30h	5 Credits	2q	x	x
<input type="radio"/> LDROP2063	Environmental Law	Nicolas de Sadeleer, Damien Jans	30h	5 Credits	2q	x	x

## LLN - INFORMATIONS SYSTEMS [15.0]

- Mandatory  Optional  
 Courses not taught during 2014-2015  Periodic courses not taught during 2014-2015  
 Periodic courses taught during 2014-2015  Two years course

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

*Note : Before selecting this option, please check that the course schedule is compatible with your course programme. 3 courses among:*

						Year	
						1	2
<input type="checkbox"/> LSINF1312	Project management in computer science	Manuel Kolp	30h+15h	5 Credits	1q	x	x
<input type="checkbox"/> LSINF2275	Data mining & decision making	Marco Saerens	30h+30h	5 Credits	2q	x	x
<input type="checkbox"/> LSINF1311	Human-computer interaction	Jean Vanderdonckt	30h+15h	5 Credits	1q	x	x
<input type="checkbox"/> LSINF2382	Computer supported collaborative work	Jean Vanderdonckt	30h+15h	5 Credits	2q	x	x

**LLN - ADVANCED MANAGEMENT 2 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*Incompatible with the option "Advanced Management 1" of first term.*

Year

1 2

● LLSMS2010	Corporate Finance (in French)	Ilham Riachi	30h	5 Credits	2q	x	x
● LLSMS2101	Management Accounting (in English)	Gerrit Sarens	30h	5 Credits	2q	x	x
<b>o 1 course among : (5 credits)</b>							
⊗ LLSMS2102	Advanced Marketing (in English)	Valérie Swaen	30h	5 Credits	2q	x	x
⊗ LLSMF2004	Advanced Human Resources Management (in French)	Michaël Dubois, Evelyne Léonard	30h	5 Credits	2q	x	x

**LLN - INTERNATIONAL BUSINESS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*This option is only available for students selected for "IB programme" This option is compulsory for IB Students as well as exchange and the IB Internship*

Year

1 2

● LLSMS2065	Seminar in Cross Cultural Competences and Management (in English) <i>CEMS and IB students have priority on this course. Restricted access for European Business students</i>	Ina Aust-Gronarz, Marie-Thérèse Claes, Sunita Malhotra (compensates Ina Aust-Gronarz), Sunita Malhotra	30h	5 Credits	2q	x	
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**o IB Courses to be chosen (10 credits)***Students choose 2 courses among IB courses OR 1 course among the IB courses and 1 opening course from the list.*

⊗ LLSMS2111	International Business (in English)	Christophe Brognaux, Sunita Malhotra, Frédéric Pouchain	30h	5 Credits	2q	x	
⊗ LLSMS2108	International Financial Management (in English)	Denis Knaepen	30h	5 Credits	2q	x	
⊗ LLSMS2109	International Marketing Management (in English)	Isabelle Schuiling	30h	5 Credits	2q	x	
⊗ LLSMS2062	European Business (in English)	Eric Cornuel	30h	5 Credits	2q	x	

**o Opening Courses**

⊗ LASI2302	Analysis of contemporary Chinese society	Paul Servais	30h	5 Credits	2q ⊕	x	
⊗ LASI2303	Analysis of contemporary Japanese society	Kanako Goto	30h	5 Credits	2q	x	
⊗ LEUSL2031	European economic policies	Marcel Gérard	30h	5 Credits	2q	x	
⊗ LDVLP2640	Socio-economic analysis of the Arab world	Vincent Legrand	30h	5 Credits	2q	x	
⊗ LLSMS2063	Industrial Relations in Europe (in English)	Maria Jepsen (compensates Evelyne Léonard), Evelyne Léonard, Philippe Pochet (compensates Evelyne Léonard)	30h	5 Credits	2q	x	



**LLN - MANAGEMENT RESEARCH [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*This option is designed to prepare students who eventually wish to do a doctorate.*

						Year	
						1	2
● LLSMA2001	Epistemology of management (in English)	Matthieu de Nanteuil	30h	5 Credits	2q	x	x
● LLSMA2002	Quantitative Research Methods (in English)	Philippe Chevalier, Assaad El Akremi	30h	5 Credits	2q	x	x
● LLSMA2004	Qualitative Research Methods (in French)	Alain Decrop, Laurent Taskin	30h	5 Credits	2q	x	x

**LLN - QUANTITATIVE METHODS IN MANAGEMENT 2 [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*Note : Before selecting this option, please check that the course schedule is compatible with your course programme. 3 courses among :*

						Year	
						1	2
⊗ LACTU2070	STOCHASTIC FINANCE 1	Pierre Devolder	30h	5 Credits	2q	x	x
⊗ LLSMS2005	Advanced research methods in Marketing (in French)	Marie-Paule Kestemont	30h	5 Credits	2q	x	x
⊗ LECON2601	Advanced Econometrics II - Time Series Econometrics	Zhengyuan Gao	30h	5 Credits	2q	x	x
⊗ LINMA2470	Discrete stochastic models	Philippe Chevalier	30h +22.5h	5 Credits	2q	x	x
⊗ LSTAT2200	Survey and Sampling	Marie-Paule Kestemont	15h+5h	5 Credits	2q	x	x
⊗ LSTAT2130	Introduction to Bayesian statistics.	Philippe Lambert	15h+5h	5 Credits	2q	x	x
⊗ LSTAT2350	Data Mining	Libei Chen	15h+15h	5 Credits	2q	x	x
⊗ LSTAT2100	Discrete data analysis.	Patrick Bogaert, Anouar El Ghouch	22.5h +7.5h	5 Credits	2q	x	x
⊗ LSINF2275	Data mining & decision making	Marco Saerens	30h+30h	5 Credits	2q	x	x



**MONS - SUPPLY CHAIN : LOGISTICS AND TRANSPORTATION [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

							1	2
● MGEST2240	Transport and mobility	Bart Jourquin	30h+0h	5 Credits	2q	x		
● MGEST2241	Supply Chain Management	Jean-Sébastien Tancrez	30h+0h	5 Credits	2q	x		
● MGEST2242	Modélisation des systèmes de transport	Bart Jourquin	30h+0h	5 Credits	2q	x		

**INTERUNIVERSITY MOBILITY OPTIONS - 2ND TERM****NAMUR - MANAGEMENT SERVICES 2 : CROSS-CUTTING ASPECTS [15.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Year

1 2

							1	2
● NELMS2416	Services research	N.	30h	5 Credits	2q	x	x	
● NELMS2417	Droit des services et de la distribution	N.	30h	5 Credits	2q	x	x	
● NELMS2418	Gestion de la Relation Client (GRC)	N.	30h	5 Credits	2q	x	x	

**LLN - ENTREPRENEURSHIP - CPME [30.0]**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

*This option, which must be take in its entirety, is worth 30 credits. It takes the form of a specialization in entrepreneurship which brings together all the multidisciplinary training in creating a small or medium-sized business. Students who choose this option must do their master's thesis within this particular framework. Access to this option is strictly limited to students selected based on their application form : see [www.uclouvain.be/cpme](http://www.uclouvain.be/cpme).*

Year

1 2

**o CPME Activities (20 credits)**

● LCPME2001	Entrepreneurship Theory (in French)	Frank Janssen	30h+20h	5 Credits	1q	x	x
● LCPME2002	Managerial, legal and economic aspects of the creation of a company (in French)	Régis Coeurderoy, Yves De Cordt	30h+15h	5 Credits	1q	x	x
● LCPME2003	Business plan of the creation of a company (in French)	Frank Janssen	30h+15h	5 Credits	2q	x	x
● LCPME2004	Advanced seminar on Entrepreneurship (in French)	Frank Janssen	30h+15h	5 Credits	2q	x	x

**o Courses to be chosen (10 credits)**

2 courses among:

						Year	
						1	2
⌘ LLSMS2080	International Entrepreneurship (in English)	Frank Janssen	30h+30h	5 Credits	2q	x	x
⌘ LLSMS2081	Strategic Management of Start ups (in English)	Bartholomeus Kamp, Bryan Toney	30h+30h	5 Credits	2q	x	x
⌘ LLSMS2014	Entrepreneurial finance (in English)	Philippe Grégoire	30h	5 Credits	2q	x	x
⌘ LCPME2005	Social Entrepreneurship	Sophie Bacq	30h	5 Credits	2q	x	x

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**EXCHANGE OR COURSES**

● Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

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

Students who are not doing an exchange must follow a programme worth 30 credits, at LSM, made up of one of the following : 2 options of 15 credits OR 1 option worth 15 credits and 1 option in Business language OR 1 option of 15 credits and 3 courses (3X5 credits) to be chosen from : a) courses not previously chosen in the option already taken in Master 1 and/or b) from the courses listed below.

Year

1 2

**⊗ LLN - Business communication in German (15 credits)**

Only for students who are not doing an exchange in the first term of Master 2. Attention, some of these courses take place during both terms and can be incompatible with a part of the programme.

● LMULT2412	Oral business communication techniques in German	Hedwig Reuter	22.5h +30h	6 Credits	1 + 2q	X
● LMULT2213	Reading comprehension and vocabulary extension: economic and commercial texts in German	Marie-Luce Collard	22.5h	4 Credits	1q	X
● LMULT2411	Economic, legal, social and political issues in German-speaking countries	Henri Bouillon	30h+15h	5 Credits	1 + 2q	X

**⊗ LLN - Business communication in English (15 credits)**

Only for students who are not doing an exchange in the first term of Master 2. Attention, some of these courses take place during both terms and can be incompatible with a part of the programme.

● LMULT2422	Oral business communication techniques in English	Sylvie De Cock	22.5h +30h	6 Credits	1 + 2q	X
● LMULT2223	Reading comprehension and vocabulary extension: economic and commercial texts in English	Sylvie De Cock	22.5h	4 Credits	1q	X
● LMULT2421	Economic, legal, social and political issues in English-speaking countries	Guido Latre	30h+15h	5 Credits	1 + 2q	X

**⊗ LLN - Business communication in Dutch (15 credits)**

Only for students who are not doing an exchange in the first term of Master 2. Attention, some of these courses take place during both terms and can be incompatible with a part of the programme.

● LMULT2432	Oral business communication techniques in Dutch	Anne Goedgezelschap	22.5h +30h	6 Credits	1 + 2q	X
● LMULT2233	Reading comprehension and vocabulary extension: economic and commercial texts in Dutch	Jean-Pierre Colson	22.5h	4 Credits	1q	X
● LMULT2431	Economic, legal, social and political issues in Dutch-speaking countries	Philippe Hilgsmann, Matthieu Sergier	30h+15h	5 Credits	1 + 2q	X

**⊗ Elective Courses - 1st term (15 credits)**

If a single option has been chosen, students may complete their programme with 3 optional courses (3X5 credits = 15 credits) to be chosen from : a) courses not previously chosen in the option already taken in Master 1 and/or b) from the courses listed below.

⊗ LLSMF2009	Taxation (in French)	Marcel Gérard	30h	5 Credits	1q	X
⊗ LLSMF2016	Performance Management (in French) <i>Incompatible with LLSMF2001 - Management Control.</i>	Yves De Rongé	30h	5 Credits	1q	X
⊗ LLSMS2000	Studies and markets models (in French)	Nicolas Kervyn de Meerendré, Marie-Paule Kestemont	30h	5 Credits	1q	X
⊗ LLSMS2001	Consumer's behaviour (in French)	Gordy Pleyers, Valérie Swaen	30h	5 Credits	1q	X
⊗ LLSMS2002	International Marketing (in French)	Nicolas Lambert (compensates Isabelle Schuiling), Isabelle Schuiling	30h	5 Credits	1q	X
⊗ LLSMS2012	National and International Markets (in French)	Hervé Van Oppens	30h	5 Credits	1q	X
⊗ LLSMS2017	International Accounting Standards (in English)	Bruno Colmant	30h	5 Credits	1q	X

						Year	
						1	2
⊗ LLSMS2018	European Corporate Governance (in English)	Karine Cerrada Cristia, Philippe Lambrecht	30h	5 Credits	1q		x
⊗ LLSMS2050	Environmental Management (in French)	Daniel Tyteca	30h	5 Credits	1q		x
⊗ LLSMS2060	European Economic Policy (in English)	Jean-Christophe Defraigne, Didier Reynders (compensates Jean-Christophe Defraigne), Didier Reynders	30h	5 Credits	1q		x
⊗ LLSMS2061	Corporate Strategy in Europe (in English)	Benoît Gailly	30h	5 Credits	1q		x
⊗ LLSMS2072	Clinical Sociology of work (in French)	Thomas Périlleux	30h	5 Credits	1q		x
⊗ LLSMS2074	Contemporary Issues in Human Resources (in French)	Farid Ben Hassel, null SOMEBODY, Laurent Taskin	30h	5 Credits	1q		x
⊗ LLSMS2090	Auditing (in English)	Gerrit Sarens	30h	5 Credits	1q		x
⊗ LSPRI2040	Public Management: Stategies, Organization and Management Control	Christian de Visscher	30h	5 Credits	1q		x

## Alternatives

> [Master in International Management \(CEMS MIM\)](#) [en-prog-2014-inge2m-linge220r]

### MASTER IN INTERNATIONAL MANAGEMENT (CEMS MIM) [144.0]

- Mandatory
- △ Courses not taught during 2014-2015
- ⊕ Periodic courses taught during 2014-2015
- ⊗ Optional
- ⊖ Periodic courses not taught during 2014-2015
- ‡ Two years course

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

The CEMS Master in International Management (CEMS MIM) contains a total of 144 credits minimum : 65 credits in Master 1 and 79 credits in Master 2. For more information, visit [www.uclouvain.be/276950](http://www.uclouvain.be/276950). Only students who have successfully the CEMS selection can follow this programme.

Year

1 2

#### ○ CEMS/INGE - Core Courses (25 credits)

A core courses subjects of 25 credits, including a master's thesis (20 credits) and a course of Corporate Social Responsibility (5 credits).

##### ○ CEMS/INGE - Activities linked to the final master's thesis (20 credits)

It is possible, but not compulsory, to link the master's thesis to the internship. As regards the seminar, he is spread over the two years of Master. As from the 1st year of master, you must follow this course and must register on iCampus (<https://icampus.uclouvain.be>) "LLSMD2094". Nevertheless, the official registration to this seminar, will appear only in Master 2 in your programme, on your UCL virtual office .

○ LLSMD2901	Final Master's Thesis	N.		18 Credits			x
○ LLSMD2094	Master's Thesis Seminar	Anne-Laure Bartier, Chantal de Moerloose, Robert Peirce	30h	2 Credits			x x

##### ○ CEMS/INGE - Corporate Social Responsibility (5 credits)

1 course among :

⊗ LLSMS2098	Corporate Social Responsibility (in French)	Thierry Bréchet, Carlos Desmet (compensates Valérie Swaen), Valérie Swaen	30h	5 Credits	1q		x
⊗ LLSMS2099	Corporate Social Responsibility (in English)	Ina Aust-Gronarz	30h	5 Credits	1q		x

#### ○ CEMS/INGE Focus (30 credits)

##### ○ CEMS/INGE - Business Engineering Field (20 credits)

The business engineering field worth 20 credits is based on advanced study of the various disciplines of business engineering : Project Management, Quantitative Methods, Information Systems and Technology. Student choose 15 credits in 1st Term and 5 credits in 2nd Term.

##### ○ Quantitative or Technological Project (10 credits)

1 course among :

⊗ LLSMF2018	Technological project (in French)	Paul Fisette, Benoît Macq, Bernard Nysten (coord.)	60h	10 Credits	1q		x
⊗ LLSMF2019	Quantitative project (in English)	Philippe Chevalier, Mathieu Van Vyve	60h	10 Credits	1q		x

##### ○ Project Management (5 credits)

○ LLSMF2021	Project management (in English)	Jean Raucent, Pierre Semal (coord.)	30h	5 Credits	1q		x
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##### ○ Data or Information Systems Management

1 course among :

⊗ LLSMF2013	Quantitative data analysis(in English)	Marco Saerens	30h	5 Credits	2q		x
⊗ LLSMF2014	IT management (in French)	Manuel Kolp	30h	5 Credits	2q		x

**o CEMS/INGE - Internship (10 credits)**

This course (LCEMS2915) of at least 10 consecutive weeks is carried out in a company (abroad or not, CEMS see rules [www.uclouvain.be/276950](http://www.uclouvain.be/276950)). Students who do not have the opportunity to make this course during this period, follow 2 courses. For the CEMS, they will then realize this course after the second quad of the 2nd year of master LSM.

**⊗ CEMS Internship (10 credits)**

⊗ LCEMS2915	CEMS Internship	N.		10 Credits		X
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**⊗ Mandatory Courses if not CEMS Internship (10 credits)**

Students who replace the internship by 2 courses, choose a compulsory course (5 credits) in the List 1 below and 1 course (5 credits) in List 2.

**o CEMS/INGE - List 1 (5 credits)**

1 course among :

⊗ LLSMF2013	Quantitative data analysis(in English)	Marco Saerens	30h	5 Credits	2q	X
⊗ LLSMF2014	IT management (in French)	Manuel Kolp	30h	5 Credits	2q	X

**o CEMS/INGE - Elective courses (5 credits)**

See List 2 in "CEMS Options - 2nd Term"

**o CEMS/INGE - Options (30 credits)**

In Master 1, students choose an option in the first Term (15 credits) and 1 option in the 2nd Term (15 credits) from the list below.

**o CEMS/INGE - Options 1st Term (15 credits)**

1 option among :

**⊗ LLN - Innovation 1 : Innovation Management (15 credits)**

o LLSMS2040	Innovation Management (in English)	Benoît Gailly	30h	5 Credits	1q	X
o LLSMS2041	Economics of Innovation (in English)	Paul Belleflamme	30h	5 Credits	1q	X
o LLSMS2042	Developing Innovative Venture (in English)	Benoît Gailly	30h	5 Credits	1q	X

**⊗ LLN - Supply Chain Management 1 (15 credits)**

o LLSMS2030	Introduction to Supply Chain Management (in English)	Pierre Semal	30h	5 Credits	1q	X
o LLSMS2031	Tools for Supply Chain Management decisions (in English)	Mathieu Van Vyve	30h	5 Credits	1q	X
o LLSMS2035	Supply Chain Coordination and Sourcing (in English)	Per Joakim Agrell	30h	5 Credits	1q	X

**⊗ LLN - Advanced Management 1 (15 credits)**

Incompatible with the option "Advanced Management2" of second term.

o LLSMS2100	Advanced finance (in English)	Sophie Béreau, Leonardo Iania	30h	5 Credits	1q	X
o LLSMF2001	Management Control (in French) <i>May not be taken with LLSMF2016 - Pilotage de la performance. If the course LLSMF2001 or the course LLSMF2016 has already been followed, the 3 other option courses must be chosen.</i>	Yves De Rongé	30h	5 Credits	1q	X

**o Courses among:**

⊗ LLSMS2002	International Marketing (in French)	Nicolas Lambert (compensates Isabelle Schuiling), Isabelle Schuiling	30h	5 Credits	1q	X
⊗ LLSMS2104	Advanced Human Resource Management (in English)	Ina Aust-Gronarz	30h	5 Credits	1q	X

**⊗ LLN - Environmental management 1 (15 credits)**

o LFSA2245	Environment and Business	Thierry Bréchet	30h	5 Credits	1q	X
o LESPO2104	Seminar on management of environmental questions	Thierry Bréchet	30h	5 Credits	1q	X
o LLSMS2050	Environmental Management (in French)	Daniel Tyteca	30h	5 Credits	1q	X

**⊗ LLN - Finance 1 : Asset Management (15 credits)**

Incompatible with the option "Asset Management" at Mons.

o LLSMS2213	Equity & Fixed Income (in English)	Bruno Colmant, Leonardo Iania	30h	5 Credits	1q	X
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						Year	
						1	2
○ LLSMS2012	National and International Markets (in French)	Hervé Van Oppens	30h	5 Credits	1q	x	

**○ 1 course among: (5 credits)**

⊗ LLSMS2017	International Accounting Standards (in English)	Bruno Colmant	30h	5 Credits	1q	x	
⊗ LLSMS2215	Derivative Securities	Leonardo Iania	30h	5 Credits	1q	x	

**⊗ LLN - Finance 2 : Governance and control (15 credits)**

3 courses among:

⊗ LLSMS2090	Auditing (in English)	Gerrit Sarens	30h	5 Credits	1q	x	x
⊗ LLSMS2017	International Accounting Standards (in English)	Bruno Colmant	30h	5 Credits	1q	x	x
⊗ LLSMS2018	European Corporate Governance (in English) <i>In case of course schedule overlap, the choice of this course does not allow you to choose the course LLSMF2016 - Pilotage de la performance.</i>	Karine Cerrada Cristia, Philippe Lambrecht	30h	5 Credits	1q	x	x
⊗ LLSMF2016	Performance Management (in French) <i>May not be taken with LLSMF2001 - Management Control In case of course schedule overlap, the choice of the course LLSMF2016 does not allow you to choose the course LLSMS2018 - Pilotage de la performance.</i>	Yves De Rongé	30h	5 Credits	1q	x	x
⊗ LLSMF2009	Taxation (in French)	Marcel Gérard	30h	5 Credits	1q	x	x

**⊗ LLN - Strategic marketing (15 credits)**

○ LLSMS2000	Studies and markets models (in French)	Nicolas Kervyn de Meerendré, Marie-Paule Kestemont	30h	5 Credits	1q	x	x
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**○ 2 courses among :**

⊗ LLSMS2001	Consumer's behaviour (in French)	Gordy Pleyers, Valérie Swaen	30h	5 Credits	1q	x	x
⊗ LLSMS2002	International Marketing (in French)	Nicolas Lambert (compensates Isabelle Schuiling), Isabelle Schuiling	30h	5 Credits	1q	x	x
⊗ LLSMS2004	Business to Business marketing (in English)	Baudouin Meunier	30h	5 Credits	1q	x	x

**○ CEMS/INGE - Options 2nd Term (15 credits)**

Students choose three courses from the courses listed below. He is encouraged to make a choice among the first 4 courses. In the event of scheduling conflicts, he can enroll in another course from the list 2.

⊗ LLSMS2108	International Financial Management (in English)	Denis Knaepen	30h	5 Credits	2q	x	
⊗ LLSMS2109	International Marketing Management (in English)	Isabelle Schuiling	30h	5 Credits	2q	x	
⊗ LLSMS2111	International Business (in English)	Christophe Brognaux, Sunita Malhotra, Frédéric Pouchain	30h	5 Credits	2q	x	
⊗ LLSMS2115	E-Management (in English)	Olivier de Broqueville	30h	5 Credits	2q	x	

**⊗ CEMS - List 2**

⊗ LLSMS2003	Brand Management (in English)	Isabelle Schuiling	30h	5 Credits	2q	x	
⊗ LLSMS2006	Strategic Communication(in English)	Jacques François	30h	5 Credits	2q	x	
⊗ LLSMS2007	E-Marketing	Anne-Cécile Jeandrain	30h	5 Credits	2q	x	
⊗ LLSMS2014	Entrepreneurial finance (in English)	Philippe Grégoire	30h	5 Credits	2q	x	
⊗ LLSMS2019	Risk Management of Financial Institutions (Part 1) (in English)	Luc Henrard	30h	5 Credits	2q	x	
⊗ LLSMS2071	Organizational Behaviour (in French)	Nathalie Delobbe	30h	5 Credits	2q	x	
⊗ LLSMS2073	Human Resources Strategic Management (in French)	Nathalie Delobbe	30h	5 Credits	2q	x	
⊗ LLSMS2096	Supply Chain Management (in English)	Pierre Semal	30h	5 Credits	2q	x	
⊗ LLSMF2007	Change Management (in French)	Mélanie Latiers (compensates Alain Vas), Alain Vas	30h	5 Credits	2q	x	
⊗ LLSMF2008	Business Law (in French)	Henri Culot	30h	5 Credits	2q	x	
⊗ LLSMF2011	Knowledge Management (in English)	Françoise de Viron	30h	5 Credits	2q	x	

						Year	
						1	2
⌘ LLSMS2374	Economics of the Internet (in English)	Paul Belleflamme	30h	5 Credits	2q	x	
⌘ LLSMF2107	Strategic Management of Information Systems (in English)	Philippe Guillaume, Jean Vanderdonck	30h	5 Credits	2q	x	

### o CEMS/INGE - Seminars (4 credits)

o LCEMS2341	Block Seminar	N.		3 Credits			x
o LCEMS2343	Responsible global Leadership Seminar	N.	30h	1 Credits	2q		x

### o CEMS/INGE - Cems Courses (55 credits)

Students follow these 3 core courses (25 credits) and choose 6 courses (30 credits) among the "CEMS Exclusive Courses" and "CEMS Elective Courses". However, they are encouraged to choose mainly CEMS Exclusive Courses.

o LLSMS2116	Innovation and Corporate Strategy (in English)	Benoît Gailly	30h	5 Credits	1q		x
o LLSMS2117	Business Project	Christophe Lejeune	30h	15 Credits	2q		x
o LLSMS2065	Seminar in Cross Cultural Competences and Management (in English)	Ina Aust-Gronarz, Marie-Thérèse Claes, Sunita Malhotra (compensates Ina Aust-Gronarz), Sunita Malhotra	30h	5 Credits	2q		x

### o CEMS - Exclusive Courses

⌘ LLSMS2107	International Management of Human Resources	Ina Aust-Gronarz	30h	5 Credits	1q		x
⌘ LLSMS2112	Supply Chain Modelling and Management	Per Joakim Agrell	30h	5 Credits	1q		x
⌘ LLSMS2113	Legal Aspects of International Business Management	Philippe Malherbe	30h	5 Credits	1q		x
⌘ LLSMS2114	Entrepreneurship	Frank Janssen	30h	5 Credits	1q		x

### o CEMS - Elective Courses

⌘ LLSMS2060	European Economic Policy (in English)	Jean-Christophe Defraigne, Didier Reynders (compensates Jean-Christophe Defraigne), Didier Reynders	30h	5 Credits	1q		x
⌘ LLSMS2061	Corporate Strategy in Europe (in English)	Benoît Gailly	30h	5 Credits	1q		x
⌘ LLSMS2030	Introduction to Supply Chain Management (in English)	Pierre Semal	30h	5 Credits	1q		x
⌘ LLSMS2035	Supply Chain Coordination and Sourcing (in English)	Per Joakim Agrell	30h	5 Credits	1q		x
⌘ LLSMS2090	Auditing (in English)	Gerrit Sarens	30h	5 Credits	1q		x
⌘ LLSMS2018	European Corporate Governance (in English)	Karine Cerrada Cristia, Philippe Lambrecht	30h	5 Credits	1q		x
⌘ LLSMS2000	Studies and markets models (in French)	Nicolas Kervyn de Meerendré, Marie-Paule Kestemont	30h	5 Credits	1q		x
⌘ LLSMS2212	Portfolio Management (in English)	Christophe Dispas	30h	5 Credits	2q		x
⌘ LLSMS2213	Equity & Fixed Income (in English)	Bruno Colmant, Leonardo Iania	30h	5 Credits	1q		x
⌘ LLSMS2001	Consumer's behaviour (in French)	Gordy Pleyers, Valérie Swaen	30h	5 Credits	1q		x
⌘ LLSMS2002	International Marketing (in French)	Nicolas Lambert (compensates Isabelle Schuiling), Isabelle Schuiling	30h	5 Credits	1q		x
⌘ LLSMF2021	Project management (in English)	Jean Raucant, Pierre Semal (coord.)	30h	5 Credits	1q		x
⌘ LLSMS2099	Corporate Social Responsibility (in English)	Ina Aust-Gronarz	30h	5 Credits	1q		x
⌘ LLSMS2050	Environmental Management (in French)	Daniel Tyteca	30h	5 Credits	1q		x
⌘ LLSMS2041	Economics of Innovation (in English)	Paul Belleflamme	30h	5 Credits	1q		x



⌘ **CEMS/INGE - Language Course**

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*Cems Students are encouraged to take one or more UCL language courses only if they do not overlap with other courses. Some of these courses can also be validated for her 2nd or 3rd CEMS language requested in the programme. Please check the list on [www.uclouvain.be/276950](http://www.uclouvain.be/276950).*

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## INGE2M - Information

### Admission

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

**To pursue your university studies in one of our Master programmes, please take the following steps:**

1. Verify that you meet the programme's admission conditions

#### Conditions - Belgian degrees

#### Conditions - International degrees

2. If you meet the conditions, please follow the admission application procedure

#### Procedure - Belgian degrees

##### Deadline for submitting an admission

##### application: :

- August 31st (supplement to the file until September 15th)

#### Procedure - International degrees

##### Deadlines for submitting the files:

- students who are not European Union nationals: April 30th
- students who are European Union nationals: August 31st

- [University Bachelors](#)
- [Non university Bachelors](#)
- [Holders of a 2nd cycle University degree](#)
- [Holders of a non-University 2nd cycle degree](#)
- [Adults taking up their university training](#)
- [Personalized access](#)

### University Bachelors

Diploma	Special Requirements	Access	Remarks
<b>UCL Bachelors</b>			
Bachelor in Business Engineering		Direct access	
Bachelor in Engineering	With minor in management and programme in line with general entry requirements	On the file: direct access or access with additional training	Where any necessary additional training does not exceed 15 credits, these may be added to the first year of the Master. If the necessary credits are between 15 and 60 credits, they can be taken during a preparatory year.
<b>Others Bachelors of the French speaking Community of Belgium</b>			
Bachelor in Business Engineering	-	Direct access	
<b>Bachelors of the Dutch speaking Community of Belgium</b>			
Bachelor in ingenieurs wetenschappen		Direct access	
<b>Foreign Bachelors</b>			
Bachelor in Business Engineering or equivalent from recognised universities	-	On the file: direct access or access with additional training	Where any necessary additional training does not exceed 15 credits, these may be added to the first year of the Master. If the necessary credits are between 15 and 60 credits, they can be taken during a preparatory year.

## Non university Bachelors

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

None for this Master's degree.

## Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
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"Licenciés"

### Masters

Master in Engineering UCL	With the minor (1st cycle) management and/or option course (2nd cycle) in management	On the file: direct access or access with additional training	Content of the programme dependent on students' prior studies and their specialisation needs
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## Holders of a non-University 2nd cycle degree

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

## Adults taking up their university training

> See the website [Valorisation des acquis de l'expérience](#)

It is possible to gain admission to all masters courses via the validation of professional experience procedure.

--> See the website [www.uclouvain.be/vae](http://www.uclouvain.be/vae)

Entry to all Masters (with the exception of Advanced Masters) can be gained through the special procedure for accrediting prior learning and experience known as VAE (validation des acquis de l'expérience).

Professionals who wish to have basic training in management science should consult: [Master in Management \[60\]](#)

To see what management courses are available in the continuing education programme, please refer to: <https://www.uclouvain.be/lsm-formation-continue>

For entry to the Master through the VAE procedure, please refer to: [www.uclouvain.be/vae](http://www.uclouvain.be/vae)

## Personalized access

Reminder : all Masters (apart from Advanced Masters) are also accessible on file.

It should be noted that entry to all Masters (with the exception of Advanced Masters) can also be gained on submission of a personal application file.

## Admission and Enrolment Procedures for general registration

Specific procedures :

Please consult the [University's Enrolment Office at Louvain-la-Neuve](#).

For special LSM procedures, please consult the top of this page.

## Teaching method

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**This programme, the quality of which has been recognized by external auditors in the EQUIS international accreditation procedure, has four main strengths:**

- **Extremely wide range of specialization options**

With access to over 30 functional option courses (e.g. marketing or finance) or multidisciplinary option courses (e.g. European Business, Entrepreneurship or Service Management), students can specialize in the most advanced areas of management science. They tend to strengthen this specialization by completing their dissertation and internship in the same area. These option courses are available at both LSM campuses: Louvain-la-Neuve and Mons. For the majority of the option courses, classes are held on a single day in the week to aid mobility from one campus to another.

- **Training which links academic knowledge and professional practice**

Balanced training is provided by lecturers who are also active researchers in their fields and professionals specially selected for their experience and widely renowned expertise. All students have the opportunity to complete a 60-day internship in a company and to write their dissertation on an issue or task identified during this internship, in the form of a project dissertation. Links with business are very much a part of the course, both in formal lectures as well as the extra-curricular activities organised by the School's Corporate Unit.

- **Teaching methods based on active learning and development of multidisciplinary skills**

Teaching methods are almost always geared towards problem solving, collaborative learning (case studies, projects, problems, simulations) and independence. This is also reflected in the compulsory reading lists, theoretical work and lectures where there is a balance between continuous assessment and final assessment of a course and between individual and group assessments.

- **Strong international outlook**

The international outlook is mainly due to a particularly wide network of over 130 exchange partners, exclusive access in Belgium to the Master's degree in International Management organised by [CEMS](#) and the possibility of gaining a [double degree](#).

## Evaluation

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

Various assessment methods are used on this programme:

- **Continuous assessment** of work/learning of each group of students: public presentations, debates, written reports;
- **The Individual assessment** : exams, mission or internship report,... in which critical review and integration in a work group are assessed.

For additional information on assessment methods, please consult the following:

- General academic and examination regulations ()
- See the course description by clicking on the title.

## Mobility and/or Internationalisation outlook

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This Master contains some strong international links:

1. The programme offers many courses in English and there is the **possibility** for a non-French speaker, to **follow the entire course in English**.
2. It is **possible to spend a semester abroad** (30 credits) ([exchange programs](#)) at a location from a list of more than 130 universities renowned [throughout the world](#) for their management programmes.
3. **Exclusive access** in Belgium to the Master's degree in International Management organized by the [CEMS Global Alliance in Management Education](#), as well **as exclusive access** to the [PIM network](#) (Partnership in International Management - an international business school network).
4. The opportunity to spend the second year abroad
  1. with the [IB](#) (International Business) programme, an exchange programme in one of the LSM partner universities and a 6-month internship in a company in a non European Country,
  2. the possibility for selected students to gain a [double degree](#) by spending the first year of Master Studies at the LSM and another year at one of the LSM's partner Universities.

**CONTACT:**

International Affairs Office  
 Building "Collège des Doyens", Office A009  
 Place des Doyens, 1  
 B-1348 Louvain-la-Neuve  
 Phone: +32 (0) 10 47 83 22 / Fax: +32 (0) 10 47 83 24  
[Website](#)

[Professor Frank Janssen](#)

Vice-Dean for International Affairs

[Mrs Catherine Maréchal](#)

International Affairs Coordinator and CEMS Programme Manager

## Possible trainings at the end of the programme

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Accessible Programs	Access Conditions	Administrative procedures for admission and registration
UCL LLN - Doctoral School	<a href="#">Access Conditions</a>	<a href="#">Admission/Registration</a>
UCL Mons - Advanced Master in Transportation Management	<a href="#">Access Conditions</a>	<a href="#">Admission/Registration</a>
UCL LLN - Master [120] in Environmental Science and Management	<a href="#">Access Conditions</a>	<a href="#">Admission/Registration</a>
UCL LLN - Master [60] en information et communication	<a href="#">Access Conditions</a>	<a href="#">Admission/Registration</a>
St. Louis - Advanced Master in Financial Risk Management	<a href="#">Access Conditions</a>	<a href="#">Admission/Registration</a>

## Contacts

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### Curriculum Management

Entité de la structure LSM

Acronyme **LSM**  
 Dénomination Louvain School of Management  
 Adresse Place des Doyens, 1 bte L2.01.01  
 1348 Louvain-la-Neuve  
 Site web <https://www.uclouvain.be/lsm>  
 Secteur Secteur des sciences humaines (SSH)  
 Faculté Louvain School of Management (LSM)

Mandats [Michel De Wolf](#)  
[Isabelle De Keyzer](#)

Doyen  
 Directeur administratif de faculté

Commissions de programme Commission des bacheliers en sciences de gestion et en ingénierat de gestion (UCL-Mons) (BLSM)  
 Commission d'enseignement de la Louvain School of management (CLSM)

**Academic Supervisor :** [Marco Saerens](#)

### Jury

President of the Juries for the Masters : **Paul Belleflamme**

Academic responsible for the Master in Business Engineering 120 : **Marco Saerens**

### Usefull Contacts

Admissions Belgian Degrees : **Marie Lefèvre**

Admissions International Degrees : **Estelle Tonon**

Studies Advisor : **Marie Lefèvre**

