

INGM1BA - Teaching profile

Learning outcomes

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

The profile of Bachelor in Business Engineering graduates is set out in the **Louvain School of Management (LSM) competency framework**. This framework centres around the following three skills: acquiring a knowledge base, applying a scientific approach and adopting a socially responsible mindset.



1.

Adopt a socially responsible mindset

Think and take decisions responsibly, taking account of ethical and civic values.

* For English (all language skills), Level B2 of the Common European Framework of Reference (CEFR). For Dutch 3, Level B1+/B2 of the CEFR. For Spanish 3, Level A2+/B1 of the CEFR.

8.3 Engage effectively and respectfully with peers and teachers, demonstrating listening skills, empathy and assertiveness.

8.4 Using computer tools, create graphs and tables that meet scientific standards.

8.5

Master basic software for effective communication.

9.

Develop

Demonstrate self-awareness and autonomy, the ability to adapt quickly to new situations and progress in your learning journey.

9.1 Self-management: define your priorities, plan ahead and organise all aspects of your work over time, be rigorous and structured in your approach.

9.2 Self-awareness and self-control: be aware of, and control, your own feelings and emotions, manage stress, stand back and cast a critical eye over your own output and actions to identify your strengths and weaknesses.

9.3 Self-motivation: design your own training plan and define its direction in line with your own values and aspirations.

9.4 Adapt to, and take advantage of, a variety of learning situations.

9.5 Independently assimilate new knowledge and skills to enable you to solve concrete, well-defined management problems.

Programme structure

The first year is given over to a course on ethics and corporate social responsibility, a core element of the LSM teaching plan, and courses on management (accounting and financial analytics, marketing, a management seminar), economics, the theoretical foundations of management, and management tools and methods (management mathematics, statistics and probability, business informatics).

The programme then combines management topics (strategy, finance, production, HR management, management control) with quantitative methods (statistical inference, econometrics, operational research) and business informatics (algorithmics, data management, computer programming), and technology.

You will also continue your studies of economics (microeconomics and macroeconomics) and the corporate legal environment.

In the third year, you have an entrepreneurial project and a professional development project, which will introduce you to the business world. You will also have the opportunity to project yourself into the company of the future through seminars that tackle issues such as social change and the digital transformation of our society and its organisations.

Two **language courses, one of which is English**, are taught in each year.

The programme of the first year (60 credits) is identical to the first year of the Bachelor in Management programme.

From the second year onwards, students can undertake a student mobility programme with the Haute Ecole Louvain en Hainaut (HELHa) and, during the second and third year, can opt for a technology course in electromechanics or biochemistry. Access to both these options is by [application](#) and the courses are taught at HELHa.

For students who do not take up one of these options, their whole programme will take place at UCLouvain FUCaM Mons.

INGM1BA Programme

Detailed programme by subject

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

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

Year

1 2 3

o Content:

o Law

○ MDROI1105	Sources and Principles of Law	Ignacio De La Serna	(FR) [q1] [45h+0h] [5 Credits]		x		
○ MDROI1210	Business Law ■	Werner Derycke	(FR) [q1] [30h+0h] [5 Credits]			x	

o Economics

○ MECON1104	Economics	Nathalie Gilson	(FR) [q1] [45h+20h] [5 Credits]		x		
○ MECON1211	Macroeconomics ■	Nathalie Gilson	(FR) [q2] [30h+10h] [5 Credits]			x	
○ MECON1212	Microeconomics ■	Patrick Scarmure	(FR) [q1] [45h+20h] [5 Credits]			x	

o Management

○ MGEST1103	Accounting and Financial Diagnosis						
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o Social Science

○ MSHUM1118	Study Skills Seminar	Jean-Luc Depotte	PK [q1+q2] [15h+30h] [5 Credits]	X		
○ MSHUM1122	Ethics and CSR	Vincent Truyens	PK [q2] [30h+10h] [5 Credits]	X		
○ MSHUM1301	Questions de sciences religieuses	Stanislas Deprez	PK [q1] [15h] [2 Credits]			X

o Science and Technology

Three tracks are available: the computer management track, the technological track in biochemistry and the technological track in electromechanics. These last 2 tracks, organized in partnership with the HELHa, are accessible upon application and confirmed after achievement of the 1st annual unit in one academic year (application form: <https://intranet.uclouvain.be/fr/myucl/sites/mons/parcours-i%26sup2%2mq%200.be/fr/myucl/sites/mons/parcours-i>)

Course prerequisites

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

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

Prerequisites and student's annual programme

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

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

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

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

Prerequisites list

MANGL1235	"English 2" has prerequisite(s) MANGL1120 <ul style="list-style-type: none"> • MANGL1120 - English 1
MANGL1339	"English 3" has prerequisite(s) MANGL1235 <ul style="list-style-type: none"> • MANGL1235 - English 2
MDROI1210	"Business Law" has prerequisite(s) MDROI1105 <ul style="list-style-type: none"> • MDROI1105 - Sources and Principles of Law
MECON1211	"Macroeconomics" has prerequisite(s) MECON1104 <ul style="list-style-type: none"> • MECON1104 - Economics
MECON1212	"Microeconomics" has prerequisite(s) MECON1104 <ul style="list-style-type: none"> • MECON1104 - Economics
MECON1313	"Industrial Organization" has prerequisite(s) MECON1212 <ul style="list-style-type: none"> • MECON1212 - Microeconomics
MESPA1237	"Spanish 2" has prerequisite(s) MESPA1122 <ul style="list-style-type: none"> • MESPA1122 - Spanish 1
MESPA1340	"Spanish 3" has prerequisite(s) MESPA1237 <ul style="list-style-type: none"> • MESPA1237 - Spanish 2
MGEST1325	"Accounting and Management Control" has prerequisite(s) MGEST1103 <ul style="list-style-type: none"> • MGEST1103 - Accounting and Financial Diagnosis
MINFO1201	"Programming and Algorithms" has prerequisite(s) MQANT1109 <ul style="list-style-type: none"> • MQANT1109 - Information Technology and Digital Society
MINFO1302	"Coding Project" has prerequisite(s) MINFO1201 <ul style="list-style-type: none"> • MINFO1201 - Programming and Algorithms
MNEER1236	"Dutch 2" has prerequisite(s) MNEER1121 OR MNEER1119 <ul style="list-style-type: none"> • MNEER1121 - Dutch 1 • MNEER1119 - Dutch 1 for LSM Beginners
MNEER1341	"Dutch 3" has prerequisite(s) MNEER1236 <ul style="list-style-type: none"> • MNEER1236 - Dutch 2
MQANT1221	"Statistical Inference" has prerequisite(s) MQANT1113 <ul style="list-style-type: none"> • MQANT1113 - Statistics and Probability
MQANT1227	"Mathematics for Management 2" has prerequisite(s) MQANT1110 <ul style="list-style-type: none"> • MQANT1110 - Mathematics for Management I
MQANT1324	"Econometrics" has prerequisite(s) MQANT1221 <ul style="list-style-type: none"> • MQANT1221 - Statistical Inference
MQANT1328	"Operational Research" has prerequisite(s) MQANT1227 <ul style="list-style-type: none"> • MQANT1227 - Mathematics for Management 2
MQANT1329	"Optimization" has prerequisite(s) MQANT1227 <ul style="list-style-type: none"> • MQANT1227 - Mathematics for Management 2

The programme's courses and learning outcomes

o **Social Science**

o MSHUM1118



○ MTECH1201	Industrial Technologies	Laurence Baclin Christine Dhaeyer David Michel Nicolas Velings	ES [q1] [30h] +10h] [5 Credits]
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⌘ Parcours technologique biochimie

○ MHELH1200	Sciences du bioingénieur		ES [q2] [72h] [5 Credits]
○ MHELH1201	Chimie et sciences de l'industrie		ES [q1+q2] [60h] [5 Credits]

⌘ Parcours technologique électromécanique

○ MHELH1211	Sciences de l'ingénieur		ES [q2] [72h] [5 Credits]
○ MHELH1212	Fluide et énergie		ES [q2] [64h] [5 Credits]

o Languages

○ MANG1235	English 2 🇬🇧	Jessica Degroote Caroline Lambert Daniel Schoemans Marine Volpe (compensates Céline Gouverneur) Quentin Zèques (coord.)	ES [q1+q2] [0h] +60h] [5 Credits]
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o Second Language

The student chooses and keeps the same second language for the entire bachelor cycle.

⌘ Dutch

In the first annual block, the default learning unit is MNEER1121 Dutch 1.

At the end of a placement test, the teacher will decide whether or not to register for the learning unit MNEER1119 Dutch 1 LSM beginner.

○ MNEER1236	Dutch 2 🇳🇱	Erika Copriau (coord.) Bruno Michiels	NL [q1+q2] [0h] +60h] [5 Credits]
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⌘ Spanish

○ MESPA1237	Spanish 2 🇪🇸	Juan Francisco Hernandez Rodriguez (coord.)	ES [q1+q2] [0h] +45h] [5 Credits]
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INGM1BA - 3RD ANNUAL UNIT

○ MINFO1301	Data Management	François Fouss	FS [q1] [30h] +15h] [5 Credits]
○ MINFO1302	Coding Project	Daniele Catanzaro	FS [q1] [30h] +15h] [6 Credits]
○ MQANT1328	Operational Research	Jean-Sébastien Tancrez	FS [q2] [30h] +15h] [5 Credits]
○ MSHUM1303	Organization and Social Change Seminar	Julie Solbreux	FS [q2] [15h] +0h] [2 Credits]

⊗ **Parcours technologique biochimie**

○ MHELH1301	De la molécule au vivant		FS [q2] [64h] [5 Credits]
○ MHELH1302	Fondamentaux de chimie analytique		FS [q1+q2] [45h] [7 Credits]
○ MHELH1303	Approfondissement des connaissances de la matière		FS [q2] [102h] [8 Credits]
○ MINFO1201	Programming and Algorithms	François Fouss	FS [q2] [45h] +20h] [5 Credits]

⊗ **Parcours technologique électromécanique**

○ MHELH1311	Mécatronique		FS [q1] [54h] [5 Credits]
○ MHELH1312	Fluide Avant 2024-2025 : Mécanique thermo appliquée		FS [q2] [80h] [8 Credits]
○ MHELH1313	Automatique		FS [q2] [75h] [7 Credits]
○ MINFO1201	Programming and Algorithms	François Fouss	FS [q2] [45h] +20h] [5 Credits]

○ **Languages**

○ MANG1339	English 3	Jessica Degroote (coord.) Quentin Zèques	FS [q1+q2] [0h] +45h] [4 Credits]
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○ **Second Language**

The student chooses and keeps the same second language for the entire bachelor cycle.

⊗ **Dutch**

In the first annual block, the default learning unit is MNEER1121 Dutch 1.

At the end of a placement test, the teacher will decide whether or not to register for the learning unit MNEER1119 Dutch 1 LSM beginner.

○ MNEER1341	Dutch 3	Erika Copriau (coord.) Bruno Michiels	FS [q1+q2] [0h] +45h] [4 Credits]
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⊗ **Spanish**

○ MESPA1340	Spanish 3	Juan Francisco Hernandez Rodriguez (coord.) Fernando Juan San Basilio Pardo	
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INGM1BA - Information

Access Requirements

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.

The admission requirements must be met prior to enrolment in the University.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- [General access requirements](#)
- [Specific access requirements](#)
- [Access based on validation of professional experience](#)
- [Special requirements to access some programmes](#)

General access requirements

Except as otherwise provided by other specific legal provisions, admission to undergraduate courses leading to the award of a Bachelor's degree will be granted to students with one of the following qualifications :

1. A Certificate of Upper Secondary Education issued during or after the 1993-1994 academic year by an establishment offering full-time secondary education or an adult education centre in the French Community of Belgium and, as the case may be, approved if it was issued by an educational institution before 1 January 2008 or affixed with the seal of the French Community if it was issued after this date, or an equivalent certificate awarded by the Examination Board of the French Community during or after 1994;
2. A Certificate of Upper Secondary Education issued no later than the end of the 1992-1993 academic year, along with official documentation attesting to the student's ability to pursue higher education for students applying for a full-length undergraduate degree programme;
3. A diploma awarded by a higher education institution within the French Community that confers an academic degree issued under the above-mentioned Decree, or a diploma awarded by a university or institution dispensing full-time higher education in accordance with earlier legislation;
4. A higher education certificate or diploma awarded by an adult education centre;
5. A pass certificate for one of the [entrance examinations](#) organized by higher education institutions or by an examination board of the French Community; this document gives admission to studies in the sectors, fields or programmes indicated therein;
6. A diploma, certificate of studies or other qualification similar to those mentioned above, issued by the Flemish Community of Belgium, the German Community of Belgium or the Royal Military Academy;
7. A diploma, certificate of studies or other qualification obtained abroad and deemed equivalent to the first four mentioned above by virtue of a law, decree, European directive or international convention;

Note:

Requests for equivalence must be submitted to the Equivalence department ([Service des équivalences](#)) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium in compliance with the official deadline.

The following two qualifications are automatically deemed equivalent to the Certificate of Upper Secondary Education (Certificat d'enseignement secondaire supérieur – CESS):

- European Baccalaureate issued by the Board of Governors of a European School,
- International Baccalaureate issued by the International Baccalaureate Office in Geneva.

8. Official documentation attesting to a student's ability to pursue higher education (diplôme d'aptitude à accéder à l'enseignement

- For any secondary school diploma **from a European Union country**, the admission request must contain the equivalence of your diploma or, at the very least, proof of the filing of the equivalence request with the Wallonia-Brussels Federation (French Community of Belgium). For any information relating to obtaining an equivalence, please refer to [the following site](#).
- For any secondary school diploma **from a country outside the European Union**, the admission application must contain the [equivalence of your diploma](#) issued by the Wallonia-Brussels Federation (French Community of Belgium). If you have a restrictive equivalence for the programme of your choice, in addition of it, you **must** have either the [DAES](#) or a certificate of successful completion of the [examination giving access to 1st cycle studies](#) when you submit your application

Access based on validation of professional experience

Admission to undergraduate studies on the basis of accreditation of knowledge and skills obtained through professional or personal experience (Accreditation of Prior Experience)

Subject to the general requirements laid down by the authorities of the higher education institution, with the aim of admission to the undergraduate programme, the examination boards accredit the knowledge and skills that students have obtained through their professional or personal experience.

This experience must correspond to at least five years of documented activity, with years spent in higher education being partially taken into account: 60 credits are deemed equivalent to one year of experience, with a maximum of two years being counted. At the end of an assessment procedure organized by the authorities of the higher education institution, the Examination Board will decide whether a student has sufficient skills and knowledge to successfully pursue undergraduate studies.

After this assessment, the Examination Board will determine the additional courses and possible exemptions constituting the supplementary requirements for the student's admission.

Special requirements to access some programmes

- Admission to **undergraduate studies in engineering: civil engineering and architect**

Pass certificate for the [special entrance examination for undergraduate studies in engineering: civil engineering and architect](#).

Admission to these courses is always subject to students passing the special entrance examination. Contact the faculty office for the programme content and the examination arrangements.

- Admission to **undergraduate studies in veterinary medicine**

[Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in physiotherapy and rehabilitation**

[Admission to undergraduate studies in physiotherapy and rehabilitation is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in psychology and education: speech and language therapy**

[Admission to undergraduate studies in psychology and education: speech and language therapy is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in medicine and dental science**

[Admission to undergraduate studies in medicine and dental science is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

Note: students wishing to enrol for a **Bachelor's degree in Medicine** or a **Bachelor's degree in dental science** must first sit an [aptitude test \(fr\)](#).

- Access to **Bachelor of Science in Business Engineering**

The Bachelor of Science in Business Engineering is a joint program organised by KU Leuven and UCLouvain Saint-Louis Bruxelles. In order to register, all candidate must first submit an application via the [KU Leuven admission platform](#). The [conditions of access](#) to this programme are specific.

Teaching method

Moving from secondary school to university involves change, with new subjects, new demands, a new environment and meeting new people. To ease this transition to UCLouvain FUCaM Mons, the educational support team offers a range of measures for students **before the start of the academic year, during the year and during the university holidays**; individual support is also available.

Before the start of the academic year, students are invited to take part in **preparatory courses** to get to know the university, the teaching staff, the other students and all members of the university community. These courses are also a good way to practise note-taking, get to grips with the working method and update your subject knowledge (maths, Dutch, etc.).

During the year there are other collective activities available, such as **tutorials, supervised exam revision** and methodology seminars (e.g. time management) on offer. The educational advisers are also available to **meet with students individually** and assess their situation in order to offer them **personalised assistance** (e.g. methodological supervision, a listening ear and support).

In the summer, the educational support team continues to **keep an eye on students** and offers tutorials on subjects that students had difficulty with during the academic year... another little helping hand on your path to success!

For more information about all the support measures available at UCLouvain FUCaM Mons, visit our web page: <https://uclouvain.be/fr/sites/mons/accompagnement-pedagogique.html>.

Evaluation

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

Written and oral exams

- [Master \[120\] in Management](#) and [Master \[60\] in Management](#) (Mons campus)
- [Master \[120\] in Management](#) and [Master \[60\] in Management](#) (Louvain-la-Neuve campus)

Bachelor in Business Engineering graduates also have access to the Master's courses run by the Faculty of Economic, Social and Political Sciences and other faculties, provided they meet the programme requirements:

- [Master \[120\] in Economics: General](#) and [Master \[60\] in Economics : General](#)
- [Master \[120\] in Economics: Econometrics](#)

There are a number of UCLouvain Master's programmes (generally stand-alone) that are widely accessible to UCLouvain FUCaM Mons Bachelor's graduates, including:

- [Master \[120\] in Population and Development Studies](#) (direct access for all Bachelor's graduates),
- [Master \[120\] in European Studies](#) (open to all Bachelor's graduates with a minor in European Studies),
- [Master \[120\] in Ethics](#) (open to all Bachelor's graduates, subject to additional course requirements).

Contacts

Curriculum Management

Faculty

Structure entity	SSH/LSM
Denomination	Louvain School of Management (LSM)
Sector	Human Sciences (SSH)
Acronym	LSM
Postal address	Place des Doyens 1 - bte L2.01.01 1348 Louvain-la-Neuve
Website	http://www.uclouvain.be/lsm

Mandate(s)

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

Commission(s) of programme

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

Academic supervisor: [Patrick Scarmure](#)

Other academic Supervisor(s)

- [Ingrid Poncin](#)

Jury

- President of the jury: [Patrick Scarmure](#)
- Jury secretary: [Natacha Gilson](#)

Useful Contact(s)

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

