



## INAB1BA - Introduction

### Introduction

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#### Introduction

Completing a bachelor's degree in business engineering in a bilingual French-English programme is an asset in a globalised professional world. It allows students to take part of their bachelor's degree in English. All courses take place on the Saint-Louis - Bruxelles campus in the centre of Brussels (near Botanique and Rogier metro stations).

Studies in business engineering mainly combine courses in economics and management with courses in the sciences (quantitative methods, physics, chemistry and technology). Management studies are aimed at informing decision-making within companies (or private or public organisations), and are at the heart of the programme.

Areas such as financial analysis, marketing analysis, production management, human resources management and strategic analysis are covered. These subjects may be supported by a solid background in quantitative methods (mathematics and statistics).

The programme is rounded off with a good introduction to economic analysis.

Management decisions and company performance are inevitably influenced by the economic environment. Understanding this environment and how it affects a company is therefore essential.

Science and technology courses are designed to enable students to understand technological issues and interact with company specialists in these fields. In the first cycle, the programme includes courses in languages, law and the humanities.

Students are gradually prepared to take on managerial or consultancy roles in a company or a private or public institution.

#### Your profile

The bachelor's degree in business engineering is for you if...

- you have a good command of English
- you have a solid general education (mathematics, sciences and languages)
- you have taken advanced mathematics during the last two years of secondary education
- you are interested in management, economics and technology
- you are looking for an extensive programme which leads to several different opportunities.

There is no selection process for multilingual programmes.

- However, a written language test is held at the beginning of the year. It is used as a guide to assess language skills and to recommend or advise against a bilingual or trilingual programme.
- In the event of difficulties, there is the option to return to the unilingual programme in French, with language courses.

degree can be completed after the main bachelor's degree. A series of courses taken as part of the main programme count towards the additional bachelor's degree and are therefore no longer subject to assessment.

The additional bachelor's degree has the same value as the main bachelor's degree and provides immediate access to the corresponding master's degree.

The following second degrees are available:

- [Bachelor in Law \[Dual Bachelor's degree for the holder of a Bachelor in Business Engineering\]](#)
- [Bachelor in Philosophy \[Dual Bachelor's degree for the holder of a Bachelor in Business Engineering\]](#)

For further information, please contact the faculty administration: [espo@usaintlouis.be](mailto:espo@usaintlouis.be).

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- **The ability to demonstrate written and oral communication skills in two languages in addition to French, while defending a scholarly argument or presenting a piece of research in accordance with academic ethics**



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				Year		
				1	2	3
○ BINGE1341	Sciences and technologies IV 	Paul Fissette Sébastien Lugan Massimo Marotta	PK [q1] [45h] [5 Credits] 			x

○ Languages

○ BANGL1191	English I	Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Milena Fontana Julie George Garkov Priscilla Hemeleers
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				Year		
				1	2	3
⊗ BECGE1314	International Economics	Jean-François Fagnart	EN [q2] [30h] [5 Credits] 			x
⊗ BECGE1317	European Economics	Caroline Buts (compensates Jean-Christophe Defraigne)	EN [q2] [30h] [5 Credits] 			



## Course prerequisites

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

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

### Prerequisites and student's annual programme

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

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

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

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

### # Prerequisites list

**BANGL1291** "Anglais II" has prerequisite(s) BANGL1191

- BANGL1191 - [English I](#)

**BANGL1391** "Anglais III" has prerequisite(s) BANGL1291

- BANGL1291 - [English II](#)

**BECGE1211** "Macroéconomie" has prerequisite(s) BECGE1114

- BECGE1114 - [Economics II](#)

**BECGE1213** "Analyse des états financiers" has prerequisite(s) BECGE1112

- BECGE1112 - [Basis of accounting](#)

**BECGE1217** "Microeconomics" has prerequisite(s) BECGE1113

- BECGE1113 - [Economics I](#)

**BECGE1311** "Economie industrielle" has prerequisite(s) BECGE1217

- BECGE1217 - [Microeconomics](#)

**BECGE1327** "Corporate Finance" has prerequisite(s) BECGE1213 ET BECGE1116

- BECGE1213 - [Financial Statement Analysis](#)
- BECGE1116 - [Introduction to financial markets](#)

**BECGE1328** "Management and strategy" has prerequisite(s) EKULB1320

- EKULB1320 - [Marketing](#)

**BECGE1329** "Simulation de gestion - jeu d'entreprise" has prerequisite(s) BECGE1213 ET EKULB1320 ET BECGE1116

- BECGE1213 - [Financial Statement Analysis](#)
- EKULB1320 - [Marketing](#)
- BECGE1116 - [Introduction to financial markets](#)

**BESPO1360** "Ethics and the economy" has prerequisite(s) BECGE1113 ET BECGE1114

- BECGE1113 - [Economics I](#)
- BECGE1114 - [Economics II](#)

**BINGE1231** "Statistique approfondie" has prerequisite(s) BINGE11368600464 Tm [(require the student to combine registration in two separate CUs



○ BINGE1132	Mathematics for business engineers II	Thierry Lavendhomme	FR [q2] [45h +22.5h] [5 Credits]
○ BINGE1131	Probability	Nathan Uyttendaele (compensates Cédric Heuchenne)	FR [q2] [30h +22.5h] [4 Credits]

### ○ Science and Technology

○ BINGE1140	Sciences and technologies I	Thomas Gathy	FR [q1] [45h +22.5h] [5 Credits]
○ BINGE1141	Sciences and technologies II	Arnaud Delcorte Sébastien Toussaint	FR [q2] [45h +22.5h] [5 Credits]

### ○ Languages





○ BANGL1191	English I	Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Milena Fontana Julie George Garkov
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## **INAB1BA - 2ND ANNUAL UNIT**

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- Mandatory
  - ✘ Optional
  - △ Not offered in 2024-2025
  - ⊖ Not offered in 2024-2025 but offered the following year
  - ⊕ Offered in 2024-2025 but not the following year
  - △ ⊕
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## o Languages

<p>o BANGL1291</p>	<p>English II </p>	<p>Julie George Garkov Priscilla Hemeleers Françoise Longrée (coord.) Isabelle Lukau Erwin Ochsenmeier (coord.) Madeline Riordan</p>	<p>EN [q1+q2] [0h +60h] [5 Credits] </p>
<p>o BNEER1281</p>	<p>Dutch II </p> <p><i>Student who replaced the course unit of Dutch I the First Year by Dutch for Beginners I or Spanish I should follow the Second Year, the same course unit, higher level (Dutch for Beginners II or Spanish II). Additional informations are available at the Faculty secretariat.</i></p>	<p>Isolde Boutsen (coord.) Astrid De Munter (coord.) Guy Sirjacobs</p>	<p>NL [q1+q2] [0h +60h] [5 Credits] </p>

**INAB1BA - 3RD ANNUAL UNIT**

Mathieu Trépoigt | 6.944 11 10 0 1 12.44900036 10.77400017 Tm [(Alexandre Girard)] TJ ET Q q 386.51001 329.785002 m 421.359985 259.983002 | 421.359985 297.000000

- 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...)

**o Content:****o Economics**

○ BECGE1311	Industrial Economy ■	Gilles Grandjean	FR [q2] [45h] [5 Credits] 🌐
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**o Management**

○ BINGE1310	Operations management ■	Wim Laurier	FR [q1] [30h +15h] [5 Credits] 🌐
○ BECGE1328	Management and strategy ■	Frank Janssen	FR [q1] [30h] [5 Credits] 🌐
○ BECGE1329	Firm's management - simulation game ■	Alexandre Girard	FR [q2] [45h] [6 Credits] 🌐
○ BECGE1327	Corporate Finance ■	Anouk Claes	EN [q2] [45h] [5 Credits] 🌐

**o Other Human and Social Sciences**

○ BESPO1360	Ethics and the economy ■	Yannick Vanderborght	FR [q1] [30h] [5 Credits] 🌐
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**o Computer Science and Quantitative Methods**

○ BINGE1314	Multivariate Statistics and Econometrics	Mathieu Sauvenier Sébastien Van Bellegem	FR [q1] [45h +15h] [6 Credits] 🌐
○ BINGE1311	Analysis and Design of Information Systems ■ <i>This unit can be replaced by the ICT Management course (EKULB1328), without guarantee of time compatibility.</i>		

## o Languages

○ BANGL1391	English III 🇺🇸	Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Julie George Garkov Priscilla Hemeleers Françoise Longrée (coord.) Isabelle Lukau Erwin Ochsenmeier (coord.) Madeline Riordan	EN [q2] [0h] +30h] [4 Credits] 🌐
○ BNEER1381	Dutch III 🇳🇱 <i>Student who replaced the course unit of Dutch I and II the First Year and the Second Year by Dutch for Beginners I and II or Spanish I and II should follow the Third Year, the same course unit, higher level (Dutch for Beginners III or Spanish III). Additional informations are available at the Faculty secretariat.</i>	Isolde Boutsen (coord.) Astrid De Munter (coord.) Barbara Fraipont Pauline Heyvaert	NL [q2] [0h] +30h] [4 Credits] 🌐

## o Optional Courses

The student must choose an optional teaching unit for 5 credits.

⊗ BECGE1216	Human Resource Management	Ralf Caers	EN [q2] [30h] [5 Credits] 🌐
⊗ BECGE1340	Seminar in Economic History	Jean Lacroix Kim Oosterlinck	EN [q1] [30h] [5 Credits] 🌐
⊗ BECGE1341	Public policy seminar	Gilles Grandjean (coord.) Hélène Latzer	EN [q2] [30h] [5 Credits] 🌐





- 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 1<sup>st</sup> 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

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At Saint-Louis, lectures are given in moderate-sized auditoriums. This allows students to have close contact with their lecturers.

Course units in economics and quantitative methods are accompanied by practical work sessions in small groups.

In the first term, the English and law course units are accompanied by remedial classes for students experiencing difficulties in these subjects. Remedial classes in economics and mathematics are offered in the second term to students who did not pass these exams during the January exam session.

### Methodological assistance

The faculty places great importance on educational support for all bachelor's programmes. The Academic Guidance Service (AGS) offers a range of activities and is available to meet students who wish to do so.

## 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".***

Assessment of acquired knowledge (formal assessment) takes place during exam sessions. Most exams are written.

Three examination sessions are organised during the academic year, in January, June and August/September. First-year students who do not achieve passing grades in the January session have two opportunities to retake specific examinations, in June and September.

Formative assessments take place during the academic year in the form of practical work to be prepared. For some course units, a continuous assessment system is used in addition to the exam.

## Mobility and/or Internationalisation outlook

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### Exchange programmes

UCLouvain Saint-Louis - Bruxelles has exchange agreements with universities outside the Fédération Wallonie-Bruxelles. These agreements allow students to take part of their bachelor's degree programme at a partner university while remaining enrolled at UCLouvain Saint-Louis - Bruxelles. Students in business engineering can take part in an ERASMUS exchange in the second term of year 3. The exchange programme is equivalent to approximately 30 credits.

Three types of exchange are available:

- **Erasmus exchanges** with universities in European Union countries
- **Erasmus Belgica exchanges** with Dutch-language Belgian universities
- **exchanges with universities outside Europe**, on the basis of bilateral agreements

Find out more about the [destinations](#).

### Language study grants

The faculty awards grants to students for language courses in various destinations during the summer. The selection of candidates is based on their results and motivation.

Find out more about the [language stays and study grants](#).

## Possible trainings at the end of the programme

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The bachelor's degree in business engineering gives direct access to master's degrees in business engineering, management, economics, human resources management and European studies organised under the Fédération Wallonie-Bruxelles.

With their solid training in English, graduates of the bilingual programme are prepared for a master's degree abroad.

### Master's degrees available at UCLouvain

#### Direct access

- [Master \[120\] : Business Engineering](#) (Louvain-la-Neuve) et [Master \[120\] : Business Engineering](#) (Mons)
- [Master \[120\] in Management](#) (Louvain-la-Neuve) et [Master \[120\] in Management](#) (Mons)
- [Master \[60\] in Management](#) (Louvain-la-Neuve) et [Master \[60\] in Management](#) (Mons)
- [Master \[120\] in Economics: General](#) (Louvain-la-Neuve) et [Master \[60\] in Economics : General](#) (Louvain-la-Neuve)
- [Master \[120\] in Human Resources Management](#) (Louvain-la-Neuve)
- [Master \[120\] in Data Science : Statistic](#) (Louvain-la-Neuve)

- [Master \[120\] in Actuarial Science](#) (Louvain-la-Neuve)

**Other programmes available**

The bachelor's degree in business engineering allows access to master's degree programmes offered by other schools in the Faculty

