

INTB1BA - Introduction

Introduction

Introduction

Completing a bachelor's degree in business engineering in a trilingual French-English-Dutch programme is an asset in a globalised professional world, and opens the door to positions requiring a command of Dutch, English and French.

The UCLouvain Saint-Louis - Bruxelles campus offers a trilingual French-English-Dutch business engineering programme. 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

Pursuing a dual bachelor's degree

Our dual bachelor's degrees are one of the special features of UCLouvain Saint-Louis - Bruxelles.

Students can take a second bachelor's degree, in tandem with their main bachelor's degree. This means that they complete their main programme with a minimum of 60 and a maximum of 125 additional credits spread over several years. The additional bachelor's 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:

-

INTB1BA - Teaching profile

Learning outcomes

Specific learning outcomes of students in the trilingual programme:

- **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**
 - The ability to produce intellectually rigorous personal reasoning, and to defend it both in written and oral forms
 - The ability to carry out university-level research work, notably through the use of statistical data
 - The ability to write a report in accordance with the standards of academic writing
 - LO for the practical work for all economics and management courses; Company management simulation*
 - Oral and written (passive and active) communication skills in English and Dutch, and more specifically, the ability to converse in both everyday and specialised language (in the social sciences and humanities) in these two languages
 - The ability to understand, examine and reproduce a theoretical concept learnt in class in these two languages
 - All CUs in NL and EN in years 1, 2 and 3*
 - A familiarisation with an environment in a language other than their own (stays abroad)
 - ERASMUS exchanges in year 3

Programme structure

Completing a bachelor's degree in business engineering in a trilingual French-English-Dutch programme is an asset in a globalised professional world, and opens the door to positions requiring a command of Dutch, English and French.

The Saint-Louis - Bruxelles campus offers a trilingual French-English-Dutch business engineering programme. 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.

INTB1BA 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

				Year		
				1	2	3
○ BINGE1132	Mathematics for business engineers II	Thierry Lavendhomme	FR [q2] [45h+22.5h] [5 Credits]	x		
○ BINGE1131	Probability	Nathan Uyttendaele (compensates Cédric Heuchenne)	FR [q2] [30h+22.5h] [4 Credits]	x		
○ BECGE1230	Foundations of business information systems	Wim Laurier	FR [q2] [30h+30h] [4 Credits]		x	
○ BINGE1231	In depth Statistics	Cédric Heuchenne	FR [q1] [45h+22.5h] [5 Credits]		x	
○ BINGE1232	Mathematics for business engineers III	Thierry Lavendhomme	FR [q2] [45h+15h] [5 Credits]		x	
○ BINGE1314	Multivariate Statistics and Econometrics	Mathieu Sauvenier Sébastien Van Bellegem	FR [q1] [45h+15h] [6 Credits]			x
○ BINGE1311	Analysis and Design of Information Systems <i>This unit can be replaced - without guarantee of time compatibility - by one of the following courses: ICT Management in English (EKULB1328) or ICT Management (EKULB1329) in Dutch.</i>	Wim Laurier	[q2] [30h+15h] [5 Credits]			x

				Year		
				1	2	3
○ BNEER1381	Dutch III 🇳🇱	Isolde Boutsen (coord.) Astrid De Munter (coord.) Barbara Fraipont Pauline Heyvaert	NL [q2] [0h+30h] [4 Credits] 🌐			x

○

Course prerequisites

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

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

Prerequisites and student's annual programme

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

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

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

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

Prerequisites list

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](#)

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every

INTB1BA - 2ND ANNUAL UNIT

- 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
-

o **Science and Technology**

INTB1BA - 3RD ANNUAL UNIT

- 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] 🌐
-------------	----------------------	------------------	-------------------------------------

o Management

○ BINGE1313	Operations management ■	Wim Laurier	[NL] [q1] [30h +15h] [5 Credits] 🌐
○ BECGE1328	Management and strategy ■	Frank Janssen	[FR] [q1] [30h] [5 Credits] 🌐
○ BECGE1329	Firm's management - simulation game ■		

o Languages

<p>o BANGL1391</p>	<p>English III </p>	<p>Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Julie George Garkov Priscilla Hemeleers Françoise Longrée (coord.) Isabelle Lukau Erwin Ochsenmeier (coord.) Madeline Riordan</p>	<p>EN [q2] [0h +30h] [4 Credits] </p>
<p>o BNEER1381</p>	<p>Dutch III </p>		

--

- 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.

Teaching method

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

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

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

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 and Dutch, graduates of the trilingual programme are prepared for a master's degree abroad or in Flanders.

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 of Economics, Social and Political Sciences and Communication or by other faculties, subject to compliance with the admission requirements for these programmes.

- [Master \[120\] in Statistics: Biostatistics](#) (Louvain-la-Neuve)
- [Master \[120\] in Business Management](#) (Bruxelles, Louvain-la-Neuve et Mons) (organisé avec l'ICHEC et l'ULB)
- [Master \[120\] in Population and Development Studies](#) (Louvain-la-Neuve)
- [Master \[120\] in European Studies](#) (Louvain-la-Neuve)
- [Master \[120\] in Ethics](#) (Louvain-la-Neuve)

Contacts

Faculty administration

02 211 78 79 - espo-slb@uclouvain.be

