



BEB1BA

2024 - 2025

BBEB1BA - Introduction

Introduction

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PLEASE NOTE: 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.

The Bachelor of Science in Business Engineering in Brussels is a joint English-taught programme organised by the Faculty of Economics and Business of **KU Leuven** and the Faculty of Economics, Social and Political Sciences and Communication of the **UCLouvain Saint-Louis – Bruxelles**. Both institutions are situated in the heart of the city, near Brussels Central Station. Students will attend courses and take exams at both institutions and obtain a **joint degree**.

Companies and organizations today operate in a highly complex and interconnected world, where they must navigate rapid technological changes, global competition, and evolving consumer expectations. To thrive in this environment, they make critical decisions that affect every aspect of their operations, from financial planning to marketing strategies, production efficiency and human resource management.

The Business Engineering programme equips students with the skills and knowledge to understand and optimize these decisions. The approach is multidisciplinary and includes a thorough study of all major business domains such as finance, accounting, marketing, logistics and human resources, as well as the economic, legal and social landscape in which businesses operate. Additionally, the programme emphasizes the development of strong analytical skills. Students learn how to use data analysis, mathematical modeling and IT tools to make informed decisions, optimize business processes, predict outcomes and assess risks.

Since analytical skills are a core part of the Business Engineering programme, students are expected to come with a solid background in mathematics. They will also need to anticipate working in multiple languages, a natural extension of living and studying in multi-lingual Belgium and Brussels. Students refine their abilities in English through courses and workshops whilst studying at least one other language to encourage familiarity with today's polyglot business environment.

Mathematics and Statistics: crucial building blocks

Today's business engineers often use mathematical and statistical models to describe reality in a logical way. The language of mathematics and statistics is a powerful tool to describe and explore those models. By learning this language you develop your skills in recognising structures, systematic problem-solving, and checking the plausibility of the obtained result. You will also refine and apply your knowledge of mathematics and statistics in various courses, including linear optimisation, operations research, econometrics, accounting, finance, sciences and technologies.

[Learn more on what prior knowledge is required](#)

Two institutions, one programme, one degree

The Faculty of Economics and Business of KU Leuven and the Faculty of Economics, Social and Political Sciences and Communication of the Université Saint-Louis – Bruxelles jointly organise the English-language Bachelor programme in Business Engineering.

KULeuven

Founded in 1425, KULeuven has been an acclaimed centre for learning and teaching for almost six centuries. Today, it is Belgium's highest-ranked university as well as one of the oldest and most renowned universitls. Studcvelop your skills

BBEB1BA - Teaching profile

Learning outcomes

At the end of the programme students will:

I. Be conversant with the discipline's core teachings and methods

Students will acquire:

- **A practical command of the fundamental concepts and models of economics and management**
- **The basic methodological tools needed to undertake academic work in economics and management.**

More specifically, students will:

- Acquire, step-by-step, the ability to model economic phenomena.
- Acquire, step-by-step, a command of the principal fields of management.
All CU in BAS 1 and 2 in economics and management.
- Acquire the ability to analyse real economic and management phenomena.
The CU of Economics I, II, Introduction to financial markets, Business Project.
The advanced courses in economics and management in BAS 2 and 3.
- Develop a sophisticated understanding of the ethical and political dimensions of economic analysis.
In particular the elective CU in BAS 3 in economics, in their critical reflective dimension. The CU introducing the interdisciplinary dimension (Geopolitics, Ethics and the Economy).

Students will acquire:

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⊗ EINGE1350

o Language : English

o EINGE1150	English 1		EN [q1] [26h] [3 Credits]
o EINGE1250	English 2		EN [q2] [26h] [3 Credits]

BBEB1BA - 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
- △ ⊕ 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

● BECGE1217	Microeconomics ■	Koen Declercq	EN [q1] [45h +15h] [6 Credits] 🌐
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EN

BBEB1BA - 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, ...)
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✘ BECGE1314	International Economics 🇺🇸	Jean-François Fagnart	EN [q2] [30h] [5 Credits] 🌐
✘ BECGE1341	Public policy seminar 🇺🇸	Gilles Grandjean (coord.) Hélène Latzer	EN [q2] [30h] [5 Credits] 🌐
✘ BECGE1215	Public economics 🇺🇸	Tom Truys	EN [q2] [45h +15h] [5 Credits] 🌐
✘ BCOMU1213	Intercultural communication	Greet De Baets	EN [q2] [30h] [5 Credits] 🌐
✘ BCOMU1313	International communications	Georgios Terzis	EN [q2] [30h] [5 Credits] 🌐

✘ Language Immersion Track : Dutch

Students take 9 credits of this track. Students follow these courses in the third stage in Dutch, together with students of the Dutch programme Handelswetenschappen at KU Leuven Campus Brussels. Students can only choose this option provided they have achieved a cumulative study efficiency (CSE) of at least 75%.

✘ EKULB1333	Ondernemerschap en business planning		NL [q1] [26h] [3 Credits] 🌐
✘ EKULB1331	European institutions		NL [q1] [26h] [3 Credits] 🌐
✘ EKULB1334	Internationale economie		NL [q2] [26h] [3 Credits] 🌐
✘ EKULB1335	Maatschappelijk verantwoord ondernemen		NL [q2] [26h] [3 Credits] 🌐

✘ Language Immersion Track : French

Students must follow 2 of the courses mentioned below at Université Saint-Louis - Bruxelles. Students can only choose the courses at Université Saint-Louis - Bruxelles provided if they have achieved a cumulative study efficiency (CSE) of at least 75%.

✘ BECGE1233	Game theory	Ana Mauleon	FR [q1] [30h +15h] [5 Credits] 🌐
✘ BESPO1160	Sociology	Benedikte Zitouni	FR [q1] [30h] [5 Credits] 🌐
✘ BDROI1272	Special questions of economic law	Alain Strowel Xavier Wauthy	FR [q2] [30h] [5 Credits] 🌐
✘ BECGE1212	Public economics	Gilles Grandjean	FR [q2] [45h +15h] [5 Credits] 🌐

✘ Electives : Internships, Projects and Summer Schools

Students who want to include a summer school and/or an internship project in their programme select one or more of the following courses as appropriate with a maximum of one course per group and a maximum of 9 credits in the bachelor programme:

- a summer school: 'Short Mobility Economics and Business (Bachelor)' (D0S32A)(D0E54A)

- an internship: 'Internship Project (bachelor)' (D0E59A)(D0E60A)

Note: these elective courses can only be included in the ISP after prior approval. The application procedure can be consulted in the course description.

✘ EKULB1336	Internship Project (bachelor)		EN [q1] [] [3 Credits] 🌐
✘ EKULB1337	Short Mobility Economics and Business (Bachelor)		EN [q2] [] [3 Credits] 🌐
✘ EKULB1338	Internship Project (bachelor)		EN [q2] [] [3 Credits] 🌐

EKULB1339	Short Mobility Economics and Business (Bachelor)		[q2] [6 Credits]
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BBEB1BA - 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](#)

- 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 [sTJ /F1 t](#)

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".

Mobility and/or Internationalisation outlook

- UCLouvain Saint-Louis Bruxelles: espo-slb@uclouvain.be
- KU Leuven: info.campusbrussel@kuleuven.be

