

BBEB1BA - Introduction

Introduction

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The Bachelor of Science in Business Engineering provides the same fundamentals as the bachelor programme in economics and management, with an additional training in the field of natural sciences (chemistry, physics, mathematics) and technology.

Management covers fields such as financial analysis, marketing analysis, production management, human resource management and strategic analysis. Training in economic analysis is also provided.

The science and technology courses enable students to understand the technological stakes and allow them to communicate efficiently with technicians specialised in these fields within a company.

The education is complemented with courses in foreign languages, law and human sciences.

The Bachelor of Science in Business Engineering is a joint 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 site Saint-Louis - Bruxelles. Students will attend courses and take exams at both institutions and obtain a joint degree.

The programme offers a unique opportunity in the French speaking Community to be trained in English, at the Bachelor level. In addition to English, students must follow courses in another foreign language.

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 universities in Europe.

As a leading European research university and co-founder of the League of European Research Universities (LERU), KU Leuven has a wide variety of programmes in English on offer, supported by high-quality interdisciplinary research. Boasting an outstanding central location in the heart of Europe, KU Leuven provides students with a truly international experience, high-quality education, world-class research and cutting-edge innovation.

Site Saint-Louis - Bruxelles

A degree in Business Engineering opens many doors in a wide range of sectors. Generally speaking, business engineers take up managerial functions in various business domains, including, but not limited to, marketing and finance. They usually start their careers taking on expert positions within companies (e.g. banking and insurance, ICT, telecom, logistics), in research or in consulting services,

BBEB1BA - Teaching profile

Learning outcomes

Programme structure

The Bachelor of Business Engineering programme is a multi-disciplinary programme, consisting of courses within the domains of:

- Management and Business
- Design of Business Processes
- Mathematical and Statistical Techniques - Research skills
- Natural and Applied Sciences
- Economic Analysis
- Human and social sciences

The combination of these domains makes the Business Engineering programme very relevant in today's world. The unique combination of business economics, quantitative methods and technology will offer you the opportunity to cultivate a much sought after multi-disciplinary approach towards business.

The Bachelor of Science in Business Engineering is a first cycle programme, which comprises 180 credits and is spread over three years. It provides a preparation for the second cycle programme (Master's degree).

EEA nationals and Non-EEA nationals who reside in Belgium under a valid residence permit can follow less than 60 credits per academic year and accordingly spread their studies in several years. This possibility needs to be discussed with a study career consultant. Note that there are no-part-time, evening or weekend courses organised for this category of students. Non-EEA nationals who reside in Belgium under a student visa can consult this website.

BBEB1BA Programme

Detailed programme by subject

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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

○ Content:





○ Economics

○ BECGE1113	Economics I	Koen Declercq	EN [q1] [45h+15h] [5 Credits] 🌐	X		
○ BINGE1113	Economics II	Hélène Latzer	EN [q2] [45h+30h] [6 Credits] 🌐	X		
○ BECGE1217	Microeconomics ■	Koen Declercq	EN [q1] [45h+15h] [6 Credits] 🌐		X	
○ EINGE1314	Macroeconomics ■		EN [q1] [39h] [5 Credits] 🌐			X

Year

1 2 3

o Management

o EKULB1320	Marketing		EN [q1] [52h] [6 Credits] 	X		
o EINGE1110	Financial Accounting A		EN [q1] [26h+12h] [3 Credits] 	X		
o EINGE1111	Financial Accounting B		EN [q2] [26h+12h] [3 Credits] 	X		
o BECGE1116	Introduction to financial markets	Anouk Claes	EN [q2] [30h+15h] [4 Credits] 	X		
o EINGE1210						

Year

1 2 3

○ One course to be chosen from among :

⊗ EINGE1251	Spanish 2		ES [q2] [26h] [3 Credits]			X
⊗ EINGE1252	German 2		DE [q2] [26h] [3 Credits]			X
⊗ EINGE1253	Dutch 2		NL [q2] [26h] [3 Credits]			X
⊗ EINGE1254	French 2		FR [q2] [52h] [3 Credits]			X

○ One course to be chosen from among :

⊗ EINGE1350	Spanish 3		ES [q1] [26h] [3 Credits]			X
⊗ EINGE1351	German 3		DE [q1] [26h] [3 Credits]			X
⊗ EINGE1352	Dutch 3		NL [q1] [26h] [3 Credits]			X
⊗ EINGE1353	French 3					

o Languages

o One course to be chosen from among :

⌘ EINGE1151	Spanish 1		ES [q1] [26h] [3 Credits] ⓘ
⌘ EINGE1152	German 1		DE [q1] [26h] [3 Credits] ⓘ
⌘ EINGE1153	Dutch 1		NL [q1] [26h] [3 Credits] ⓘ
⌘ EINGE1154	French 1		FR [q1] [52h] [3 Credits] ⓘ

o One course to be chosen from among :

⌘ EINGE1251	Spanish 2		ES [q2] [26h] [3 Credits] ⓘ
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BBEB1BA - 3RD ANNUAL UNIT

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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**

○ EINGE1314	Macroeconomics ■		(FR) [q1] [39h] [5] Credits 🌐
○ BECGE1328	Management and strategy ■	Frank Janssen	(FR) [q1] [30h] [5] Credits 🌐
○ EINGE1315	Business Project		(FR) [q2] [52h] [6] Credits 🌐
○ EINGE1316	Management Accounting ■		(FR) [q2] [26h] [3] Credits 🌐
○ BECGE1327	Corporate Finance ■	Anouk Claes	(FR) [q2] [45h] [5] Credits 🌐

o Computer Science and Quantitative Methods

○ EINGE1332	Business Information Systems ■		(FR) [q1] [52h] [6] Credits 🌐
○ EINGE1333	Econometrics ■		(FR) [q1] [26h] [3] Credits 🌐
○ EINGE1331	Operations research ■		(FR) [q2] [52h] [6] Credits 🌐

o Science and Technology

	Materials: Properties, Selection and Sustainability ■		(FR) [q2] [39h] [5] Credits 🌐
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o Other Human and Social Sciences

BBEB1BA - Information

Access Requirements

- 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](https://uclouvain.be/fr/facultes/epl/examenadmission.html) (<https://uclouvain.be/fr/facultes/epl/examenadmission.html>).

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 \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html) (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>).

- 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 \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html). (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>)

- 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 \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html) (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>).

- 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 \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html). (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>)

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 \(fr\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html) (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>).

Teaching method

At Saint-Louis - Bruxelles and KU Leuven Campus Brussels, lectures are given in moderate-sized auditoriums. This allows students to have close contact with their lecturers.

Economics, quantitative methods and science courses are accompanied by practical exercise sessions given to small groups of students.

Regarding Mathematics, in addition to refresher and assessment courses before the start of the academic year, and exercise sessions during the semester, sessions of facilitated study are organised in the presence of a staff member.

Remedial classes in economics are offered during the second term to students who did not receive passing grades in those exams during the January exam session.

Regardless of the Bachelor programme, both Saint-Louis and KU Leuven places strong emphasis on academic support. The Academic Guidance Service at Saint-Louis offers various support activities and is available to meet with students upon request. A comparable structure exists at KU Leuven where students can rely on a guidance counsellor. External tutoring can also be organised in Mathematics and Statistics.

Evaluation

The evaluation methods comply with the regulations concerning studies and exams (<https://uclouvain.be/fr/decouvrir/rgee.html>). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

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

Three exam sessions are organised during the academic year: in January (for CU organised in the first semester), in June (for CU organised in the second semester) and in September (retake exams).

Informal evaluations take place during the academic year in the form of practical exercises to be prepared and submitted. For some courses, a continuous grading system is implemented in addition to the exam.

Mobility and/or Internationalisation outlook

Students can take part in an Erasmus exchange during the first semester of the third year.

Studying abroad equals meeting new people, languages, cultures and ways of doing business. That is why we encourage our student to spend part of their studies abroad. Employers are increasingly looking for young professionals who feel 'at home' doing business in a multicultural, multilingual workplace. We have approximately 140 partners across Europe. For students looking to go further afield, we offer exchange opportunities in no fewer than 16 countries, including the US, Canada, China, Australia, Peru, Singapore, Russia and South Africa.

Possible trainings at the end of the programme

After obtaining the Bachelor's degree in Business Engineering, you can continue your studies in this field by completing the Master's degree programme in Business Engineering but you are also prepared for any Master's degree in Economics and Business with a strong quantitative focus.

Contacts

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 Faculty Administration

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

Office: Ommegang 6 - 2nd floor - bureau OM 205

Opening hours: Monday to Thursday, 10am to 12.30pm

Curriculum Management

Faculty

Structure entity

SSH/ESPB

Denomination

Faculty of Economics, Social and Political Sciences and
Communication Saint-Louis (ESPB)

Sector

Human Sciences (SSH)

Acronym

ESPB

Postal address

Boulevard du Jardin Botanique 43 - bte
1000 Bruxelles

Mandate(s)

- Dean : Abraham Franssen

Academic supervisor: Xavier Wauthy (<https://uclouvain.be/repertoires/xavier.wauthy>)

Useful Contact(s)

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

