

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](#)

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

EN [q2] [26h] [3 Credits]



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](https://uclouvain.be/fr/decouvrir/rgee.html) (<https://uclouvain.be/fr/decouvrir/rgee.html>).

Prerequisites list

- BECGE1215** "Public economics" has prerequisite(s) BECGE1217
- BECGE1217 - [Microeconomics](#)
- BECGE1217** "Microeconomics" has prerequisite(s) BECGE1113
- BECGE1113 - [Economics I](#)
- BECGE1314** "International Economics" has prerequisite(s) BECGE1217
- BECGE1217 - [Microeconomics](#)
- BECGE1317** "European Economics" has prerequisite(s) BECGE1113 ET BINGE1113
- BECGE1113 - [Economics I](#)
 - BINGE1113 - [Economics II](#)
- BECGE1327** "Corporate Finance" has prerequisite(s) EINGE1210 ET BECGE1116
- EINGE1210 - [Financial Statement Analysis](#)
 - BECGE1116 - [Introduction to financial markets](#)
- BECGE1328** "Management and strategy" has prerequisite(s) EKULB1320
- EKULB1320 - [Marketing](#)
- BECGE1340** "Economic history" has prerequisite(s) BECGE1113 ET EINGE1235
- BECGE1113 - [Economics I](#)
 - EINGE1235 - [Statistics for Data Science](#)
- BECGE1341** "Public policy seminar" has prerequisite(s) BECGE1217
- BECGE1217 - [Microeconomics](#)
- BESPO1360** "Ethics and the economy" has prerequisite(s) BECGE1113 ET BINGE1113
- BECGE1113 - [Economics I](#)
 - BINGE1113 - [Economics II](#)
- BINGE1243** "Conceptual Physics with technical Applications" has prerequisite(s) EINGE1134
- EINGE1134 - [Mathematics for Business Engineers II](#)
- EINGE1210** "Financial Statement Analysis" has prerequisite(s) EINGE1110 ET EINGE1111
- EINGE1110 - [Financial Accounting A](#)
 - EINGE1111 - [Financial Accounting B](#)
- EINGE1211** "Corporate Law and Accounting" has prerequisite(s) EINGE1110 ET EINGE1111 ET EINGE1120
- EINGE1110 - [Financial Accounting A](#)
 - EINGE1111 - [Financial Accounting B](#)
 - EINGE1120 - [Introduction to Law](#)
- EINGE1212** "Production and Logistics Management" has prerequisite(s) EINGE1133 ET EINGE1134
- EINGE1133 - [Mathematics for Business Engineers I](#)
 - EINGE1134 - [Mathematics for Business Engineers II](#)
- EINGE1233** "Linear Optimisation" has prerequisite(s) EINGE1133 ET EINGE1134
- EINGE1133 - [Mathematics for Business Engineers I](#)
 - EINGE1134 - [Mathematics for Business Engineers II](#)
- EINGE1234** "Probability Theory and Descriptive Statistics" has prerequisite(s) EINGE1133 ET EINGE1134
- EINGE1133 - [Mathematics for Business Engineers I](#)
 - EINGE1134 - [Mathematics for Business Engineers II](#)
- EINGE1235** "Statistics for Data Science" has prerequisite(s) EINGE1133 ET EINGE1134
- EINGE1133 - [Mathematics for Business Engineers I](#)
 - EINGE1134 - [Mathematics for Business Engineers II](#)

○ BINGE1113	Economics II	Hélène Latzer	EN [q2] [45h +30h] [6 Credits]
-------------	--------------	---------------	---

o Management

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

o Law

○ EINGE1120	Introduction to Law		EN [q2] [52h] [6 Credits]
-------------	---------------------	--	---------------------------------

o Computer Science and Quantitative Methods

○ EINGE1133	Mathematics for Business Engineers I		EN [q1] [52h +26h] [6 Credits]
○ EINGE1134	Mathematics for Business Engineers II		EN [q2] [52h +26h] [6 Credits]
○ BINGE1135	Foundations of Business Information Management	Wim Laurier	EN [q2] [30h +15h] [4 Credits]

o Other Human and Social Sciences

○ BINGE1160			
-------------	--	--	--

Spa1BA: 5099A: 96 1

o Languages

o One course to be chosen from among :

⌘ EINGE1151

Spanish 1

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
-

⌘ EINGE1352

Dutch 3 

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](https://uclouvain.be/fr/etudier/inscriptions/examens-admission.html) (https://uclouvain.be/fr/etudier/inscriptions/examens-admission.html) 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 supérieur - DAES), issued by the Examination Board of the French Community.

Specific access requirements

- Access to bachelor programmes for candidates of nationality outside the European Union who are not assimilated to Belgian nationals is subject to the following criteria:
 - not have obtained a secondary education diploma for more than 3 years maximum. Example: for an admission application for the academic year 2023-2024, you must have obtained your diploma during the academic years 2020-2021, 2021-2022 ou 2022-2023. In the French Community of Belgium, the academic year runs from September 14 to September 13
 - not already hold an undergraduate degree
- Candidates, whatever their nationality, with a secondary school diploma **from a country outside the European Union**, must have obtained an average of 13/20 minimum or, failing that, have obtained this average, have passed one year of study in Belgium (for example special Maths / sciences). A non-successful year will not be taken into consideration.

- 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>).

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

