

At Bruxelles Saint-Louis - 180 credits - 3 years - Day schedule - In EnglishDissertation/Graduation Project : **NO** - Internship : **NO**Activities in English: **YES** - Activities in other languages : **NO**Activities on other sites : **YES**Main study domain : **Sciences économiques et de gestion**Organized by: **Faculty of Economics, Social and Political Sciences and Communication Saint-Louis (ESPO-SaintLouis)**Programme acronym: **BBEB1BA** - Francophone Certification Framework: 6**Table of contents**

Introduction	2
Teaching profile	4
Learning outcomes	4
Programme structure	4
Programme	4
Detailed programme by subject	4
Course prerequisites	7
The programme's courses and learning outcomes	8
Detailed programme per annual block	8
BBEB1BA - 1st annual unit	8
BBEB1BA - 2nd annual unit	10
BBEB1BA - 3rd annual unit	12
Information	14
Access Requirements	14
Teaching method	16
Evaluation	16
Mobility and/or Internationalisation outlook	16
Possible trainings at the end of the programme	16
Contacts	16

BBEB1BA - Introduction

Introduction

Introduction

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

Established in 1858, Université Saint-Louis - Bruxelles specialises in human and social sciences. In 2007, the Institute for European Studies was created within USL-B. It has since gained an excellent reputation for multilingual education. Conveniently located in the capital's centre, it is just a five-minute walk away from KU Leuven Brussels campus.

Do business in the heart of Europe

Learn how to do business right where business is actually done! Brussels, the capital of Belgium, is the economic heart of Europe. As a business hub, it takes up a central position in Europe. Moreover, the city is home to the EU and NATO, as well as a diverse range of international trade and finance organisations. Hundreds of multinational corporations set up their (European) head offices in Brussels, and many important political and economic decisions are made here. Your campus is in the middle of this bustling capital; what a way to kick-start your career!

Truly international

Located within 2 hours from London, Paris or Amsterdam, Brussels offers you a unique opportunity to study in the heart of Europe. Both on and off campus, you'll live and study in a truly international and multicultural environment enabling you to build a strong personal network.

Mathematics and statistics: an important element of the programme

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.

In order to brush up your maths skills, a refresher course is organised in the run-up to the beginning of the academic year. The one-week course reviews a number of important topics and is a great way to meet your teachers and fellow students. The refresher course gives you an indication of the minimum prerequisites for the Bachelor of Business Engineering programme. Information on the refresher course and the mathematics assessment test can be found [here](#).

We are currently also developing an online test that you can take before applying, and which will give you customized feedback and advice on how to bridge possible minor knowledge gaps.

Description of mathematical topics you are expected to have covered before entering the Bachelor of Business Engineering programme, can be found here: [Mathematical Topics](#).

Consult the sample questions to check if your level of mathematics is adequate: [Example Problems](#).

Your profile

The Bachelor of Science in Business Engineering is for you if :

- you have a very good command of English,
- you have a strong general education (mathematics, science and languages),
- you have taken a strong option in mathematics during the last two years of secondary education,
- you are interested in management, economics and technology,
- you are looking for a broad education that offers you multiple opportunities in an international environment.

Your future job

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, and move up to executive functions.

Clearly, with a degree in Business Engineering, you are fit to join management in any department of a company or organisation. Moreover, a business engineer's unique profile is very much appreciated by companies in both Belgium and abroad. Thanks to language courses and many opportunities to train partly at a foreign partner institution, you will be prepared to embark on an international career.

Your programme

In the Business Engineering programme, you will focus on managing and optimising business processes. You will become acquainted with business economics as well as the different functional domains in companies (e.g. accountancy, financial management, marketing, production and logistics, human resource management). You will learn how a company operates on a daily basis and how its processes are organised. Designing business processes is often at the core of the business engineer's activities, e.g. in companies looking to launch a new production process, optimise it or make their service process run more efficiently. In doing so, you will pay attention to human behaviour and the social phenomena that determine the way we think and act. As you need to know how the economic world surrounding the organisation works, you will learn about important economic concepts and methods through economic analysis.

Topics dealing with law and tax regulations are also a crucial part of the programme, seeing they can have a major impact on business.

In addition to advancing your managerial skills, you will also sharpen your analytical skills. You will master the necessary mathematical and statistical techniques to analyse business problems and work out optimal solutions (e.g. staff planning, organisation of a production process, sales predictions for the next quarter, measuring the impact of an advertising campaign). Considering information is more important than ever, you will also acquire a solid background in ICT skills and information management. As a business engineer, you need to know how companies can manage and analyse information. After an introduction to natural and applied sciences, you will understand critical technological processes and are able to assess the impact of innovation on companies, their environment and sustainability.

The combination of business economics, quantitative methods and technology offers you the opportunity to develop a unique multi-disciplinary approach towards business, which makes the Business Engineering programme extremely relevant in today's world. Moreover, the integration of all these disciplines is a priority in many companies, both in production environments and in the service sector (e.g. consultancy or ICT). After all, many solutions to complex business problems require input from a variety of disciplines.

The BBEEng programme has also a strong international focus. Students can participate in exchange programmes with numerous partners both within and outside Europe.

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

○ EKULB1320	Marketing		EN [q1] [52h] [6 Credits]	X		
○ EINGE1110	Financial Accounting A		EN [q1] [26h+12h] [3 Credits]	X		
○ EINGE1111	Financial Accounting B		EN [q2] [26h+12h] [3 Credits]	X		
○ BECGE1116	Introduction to financial markets	Anouk Claes	EN [q2] [30h+15h] [4 Credits]	X		
○ EINGE1210	Financial Statement Analysis		EN [q1] [26h] [3 Credits]		X	
○ BECGE1216	Human Resource Management	Ralf Caers	EN [q2] [30h] [5 Credits]		X	
○ EINGE1211	Corporate Law and Accounting		EN [q2] [26h] [3 Credits]		X	
○ EINGE1212	Production and Logistics Management		EN [q2] [52h] [6 Credits]		X	
○ BECGE1328	Management and strategy	Frank Janssen	EN [q1] [30h] [5 Credits]			X
○ EINGE1315	Business Project		EN [q2] [52h] [6 Credits]			X
○ EINGE1316	Management Accounting		EN [q2] [26h] [3 Credits]			X
○ BECGE1327	Corporate Finance	Anouk Claes	EN [q2] [45h] [5 Credits]			X

o Law

○ EINGE1120	Introduction to Law		EN [q2] [52h] [6 Credits]	X		
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o Computer Science and Quantitative Methods

○ EINGE1133	Mathematics for Business Engineers I		EN [q1] [52h+26h] [6 Credits]	X		
○ EINGE1134	Mathematics for Business Engineers II		EN [q2] [52h+26h] [6 Credits]	X		
○ BINGE1135	Foundations of Business Information Management	Wim Laurier	EN [q2] [30h+15h] [4 Credits]	X		
○ EINGE1234	Probability Theory and Descriptive Statistics		EN [q1] [26h+12h] [3 Credits]		X	
○ EINGE1236	Software Development		EN [q1] [26h] [3 Credits]		X	
○ EINGE1233	Linear Optimisation		EN [q1] [26h] [3 Credits]		X	
○ EINGE1235	Statistics for Data Science		EN [q2] [52h+18h] [6 Credits]		X	
○ EINGE1332	Business Information Systems		EN [q1] [52h] [6 Credits]			X
○ EINGE1333	Econometrics		EN [q1] [26h] [3 Credits]			X
○ EINGE1331	Operations research		EN [q2] [52h] [6 Credits]			X

o Science and Technology

○ BINGE1243	Conceptual Physics with technical Applications	Sébastien Toussaint	EN [q1] [60h] [6 Credits]			X
○ BINGE1244	electronic circuits, system and data processing	Sébastien Toussaint	EN [q2] [45h] [5 Credits]			X
○ EINGE1342	Materials: Properties, Selection and Sustainability		EN [q2] [39h] [5 Credits]			X

o Other Human and Social Sciences

○ BINGE1160	Global Economic History	Robrecht Declercq	EN [q1] [30h] [5 Credits]	X		
○ BESPO1164	Geopolitics	Jeroen Joly	EN [q2] [30h] [5 Credits]			X
○ BESPO1360	Ethics and the economy	Yannick Vanderborght	EN [q1] [30h] [5 Credits]			X

o Languages

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

o One course to be chosen from among :

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

○ One course to be chosen from among :

⊗ EINGE1251	Spanish 2		EN [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		EN [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		FR [q1] [52h] [3 Credits]			X

○ Elective Courses

Students must choose elective courses totalling 8 credits.

⊗ BECGE1317	European Economics	Caroline Buts (compensates Jean-Christophe Defraigne)	EN [q2] [30h] [5 Credits]			X
⊗ BECGE1314	International Economics	Jean-François Fagnart	EN [q2] [30h] [5 Credits]			X
⊗ BECGE1341	Public policy seminar	Gilles Grandjean (coord.) Hélène Latzer	EN [q2] [30h] [5 Credits]			X
⊗ BECGE1215	Public economics	Tom Truyts	EN [q2] [45h+7.5h] [5 Credits]			X
⊗ BCOMU1213	Intercultural communication	Claude Bernard	EN [q2] [30h] [5 Credits]			X
⊗ BCOMU1313	International communications	Georgios Terzis	EN [q2] [30h] [5 Credits]			X
⊗ EINGE1360	Elective Course (KU Leuven)		EN [q1+q2] [] [3 Credits]			X
⊗ EINGE1361	Elective Course (KU Leuven)		EN [q1+q2] [] [5 Credits]			X
⊗ BECGE1340	Economic history	Jean Lacroix Kim Oosterlinck	EN [q1] [30h] [5 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](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](#)

EINGE1236	"Software Development" has prerequisite(s) BINGE1135 • BINGE1135 - Foundations of Business Information Management
EINGE1314	"Macroeconomics" has prerequisite(s) BINGE1113 • BINGE1113 - Economics II
EINGE1316	"Management Accounting" has prerequisite(s) EINGE1110 ET EINGE1111 • EINGE1110 - Financial Accounting A • EINGE1111 - Financial Accounting B
EINGE1331	"Operations research" has prerequisite(s) EINGE1233 ET EINGE1234 • EINGE1233 - Linear Optimisation • EINGE1234 - Probability Theory and Descriptive Statistics
EINGE1332	"Business Information Systems" has prerequisite(s) BINGE1135 • BINGE1135 - Foundations of Business Information Management
EINGE1333	"Econometrics" has prerequisite(s) EINGE1235 • EINGE1235 - Statistics for Data Science
EINGE1342	"Materials: Properties, Selection and Sustainability" has prerequisite(s) BINGE1243 ET EINGE1133 ET EINGE1134 • BINGE1243 - Conceptual Physics with technical Applications • EINGE1133 - Mathematics for Business Engineers I • EINGE1134 - Mathematics for Business Engineers II
EINGE1350	"Spanish 3" has prerequisite(s) EINGE1251 • EINGE1251 - Spanish 2
EINGE1351	"German 3" has prerequisite(s) EINGE1252 • EINGE1252 - German 2
EINGE1352	"Dutch 3" has prerequisite(s) EINGE1253 • EINGE1253 - Dutch 2
EINGE1353	"French 3" has prerequisite(s) EINGE1254 • EINGE1254 - French 2

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 graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

Detailed programme per annual block

BBEB1BA - 1ST 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

● BECGE1113	Economics I	Koen Declercq	ES [q1] [45h] +15h] [5 Credits] ⊕
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○ BINGE1113	Economics II	Hélène Latzer	EN [q2] [45h] +30h] [6 Credits]
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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]
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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	Global Economic History	Robrecht Declercq	EN [q1] [30h] [5 Credits]
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o Languages

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

BBEB1BA - 2ND 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**

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

○ EINGE1210	Financial Statement Analysis ■		EN [q1] [26h] [3 Credits] 🌐
○ BECGE1216	Human Resource Management	Ralf Caers	EN [q2] [30h] [5 Credits] 🌐
○ EINGE1211	Corporate Law and Accounting ■		EN [q2] [26h] [3 Credits] 🌐
○ EINGE1212	Production and Logistics Management ■		EN [q2] [52h] [6 Credits] 🌐

o Computer Science and Quantitative Methods

○ EINGE1234	Probability Theory and Descriptive Statistics ■		EN [q1] [26h] +12h [3 Credits] 🌐
○ EINGE1236	Software Development ■		EN [q1] [26h] [3 Credits] 🌐
○ EINGE1233	Linear Optimisation ■		EN [q1] [26h] [3 Credits] 🌐
○ EINGE1235	Statistics for Data Science ■		EN [q2] [52h] +18h [6 Credits] 🌐

o Science and Technology

○ BINGE1243	Conceptual Physics with technical Applications ■	Sébastien Toussaint	EN [q1] [60h] [6 Credits] 🌐
○ BINGE1244	electronic circuits, system and data processing	Sébastien Toussaint	EN [q2] [45h] [5 Credits] 🌐

o Other Human and Social Sciences

○ BESPO1164	Geopolitics	Jeroen Joly	EN [q2] [30h] [5 Credits] 🌐
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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]
⌘ EINGE1252	German 2		DE [q2] [26h] [3 Credits]
⌘ EINGE1253	Dutch 2		NL [q2] [26h] [3 Credits]
⌘ EINGE1254	French 2		FR [q2] [52h] [3 Credits]

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 ■		EN [q1] [39h] [5] Credits 🌐
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o Management

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

o Computer Science and Quantitative Methods

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

o Science and Technology

○ EINGE1342	Materials: Properties, Selection and Sustainability ■		EN [q2] [39h] [5] Credits 🌐
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o Other Human and Social Sciences

○ BESPO1360	Ethics and the economy ■	Yannick Vanderborght	EN [q1] [30h] [5] Credits 🌐
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o Languages**o One course to be chosen from among :**

⊗ EINGE1350	Spanish 3 ■		EN [q1] [26h] [3] Credits 🌐
⊗ EINGE1351	German 3 ■		DE [q1] [26h] [3] Credits 🌐

⌘ EINGE1352	Dutch 3 🇳🇱		EN [q1] [26h] [3 Credits] 🌐
⌘ EINGE1353	French 3 🇫🇷		FR [q1] [52h] [3 Credits] 🌐

o Elective Courses

Students must choose elective courses totalling 8 credits.

⌘ BECGE1317	European Economics 🇪🇺	Caroline Buts (compensates Jean- Christophe Defraigne)	EN [q2] [30h] [5 Credits] 🌐
⌘ 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 Truyts	EN [q2] [45h +7.5h] [5 Credits] 🌐
⌘ BCOMU1213	Intercultural communication	Claude Bernard	EN [q2] [30h] [5 Credits] 🌐
⌘ BCOMU1313	International communications	Georgios Terzis	EN [q2] [30h] [5 Credits] 🌐
⌘ EINGE1360	Elective Course (KU Leuven)		EN [q1+q2] [] [3 Credits] 🌐
⌘ EINGE1361	Elective Course (KU Leuven)		EN [q1+q2] [] [5 Credits] 🌐
⌘ BECGE1340	Economic history 🇪🇺	Jean Lacroix Kim Oosterlinck	EN [q1] [30h] [5 Credits] 🌐

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>).

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

Denomination

Sector

Acronym

Postal address

SSH/ESPB

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

Human Sciences (SSH)

ESPB

Boulevard du Jardin Botanique 43 - bte
1000 Bruxelles

Mandate(s)

- Dean : Abraham Franssen

Academic supervisor: Xavier Wauthy

Useful Contact(s)

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

