

INGB1BA - Introduction

Introduction

Introduction

The Saint-Louis - Bruxelles campus offers a 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.

Your profile

The bachelor's degree in business engineering is for you if...

- you have a solid general education (mathematics, sciences and languages)
- you have taken advanced mathematics during the last two years of secondary education
- you are interested in management, economics and technology
- you are looking for an extensive programme which leads to several different opportunities

Your future job

Year

				1	2	3
○ BECGE1311	Industrial Economy 🇯🇵	Gilles Grandjean	PK [q2] [45h] [5 Credits] 🌐			x

○ Management

○ BECGE1112	Basis of accounting	Oscar Bernal Diaz
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o Languages

<p>o BANGL1191</p>	<p>English I</p>	<p>Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Milena Fontana Julie George Garkov Priscilla Hemeleers David Leisterh Françoise Longrée (coord.) Isabelle Lukau Erwin Ochsenmeier (coord.) Melissa Uzumcuoglu</p>	<p>EN [q1+q2] [0h+30h] [4 Credits]</p>	<p>x</p>
<p>o BNEER1181</p>	<p>Dutch I <i>Will benefit from a course unit of Dutch for Beginners or Spanish in first year: 1) The student who has had less than two hours of Dutch per week throughout the year in one of the last four years of high school; 2) The student who have completed high school in 2019-2020 or earlier and who has not been trained in Dutch between the end of high school and its registration in St. Louis. Additional informations and forms to fill out are available at the Faculty secretariat.</i></p>	<p>Astrid De Munter (coord.)</p>	<p>NL [q1+q2] [0h+30h] [4 Credits]</p>	<p>x</p>
<p>o BANGL1291</p>	<p>English II</p>	<p>Julie George Garkov Priscilla Hemeleers Françoise Longrée (coord.) Isabelle Lukau Erwin Ochsenmeier (coord.) Madeline Riordan</p>	<p>EN [q1+q2] [0h+60h] [5 Credits]</p>	<p>x</p>
<p>o BNEER1281</p>	<p>Dutch II <i>Student who replaced the course unit of Dutch I the First Year by Dutch for Beginners I or Spanish I should follow the Second Year, the same course unit, higher level (Dutch for Beginners II or Spanish informations are available at the Faculty</i></p>	<p>Isolde Boutsen (coord.) Astrid De Munter (coord.) Guy Sirjacobs</p>	<p>NL [q1+q2] [0h+60h] [5 Credits]</p>	<p>x</p>

Year

1 2 3

✂ Choose one course among the following :

✂ BECGE1212	Public economics 🟡	Gilles Grandjean	FR [q2] [45h+15h] [5 Credits] 🌐			X
✂ BECGE1215	Public economics 🟡	Tom Truyts	EN [q2] [45h+15h] [5 Credits] 🌐			X
✂ BECGE1218	Public economics 🟡	Tom Truyts	NL [q2] [45h+15h] [5 Credits] 🌐			X
✂ BECGE1313	Environmental Economics 🟡	Bertrand Hamaide	FR [q1] [30h] [5 Credits] 🌐			X
✂ BECGE1233	Game theory 🟡	Ana Mauleon	EN [q1] [30h+15h] [5 Credits] 🌐			X
✂ BDROI1272	Special questions of economic law 🟡	Alain Strowel Xavier Wauthy	FR [q2] [30h] [5 Credits] 🌐			X
✂ BDURA1000	Environmental Challenges and Issues	Christine Frison	FR [q2] [30h] [5 Credits] 🌐			X
✂ BECGE1340	Seminar in Economic History 🟡	Jean Lacroix Kim Oosterlinck	EN [q1] [30h] [5 Credits] 🌐			X
✂ BECGE1341	Public policy seminar 🟡	Gilles Grandjean (coord.) Hélène Latzer	EN [q2] [30h] [5 Credits] 🌐			X
✂ BECGE1314	International Economics 🟡	Jean-François Fagnart	EN [q2] [30h] [5 Credits] 🌐			X
✂ BECGE1317	European Economics 🟡	Caroline Buts (compensates Jean- Christophe Defraigne)	EN [q2] [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](#).

Prerequisites list

BANGL1291 "English II" has prerequisite(s) BANGL1191

- BANGL1191 - [English I](#)

BANGL1391 "English III" has prerequisite(s) BANGL1291

- BANGL1291 - [English II](#)

BDROI1272 "Special questions of economic law " has prerequisite(s) BECGE1110 AND BECGE1111

- BECGE1110 - [Economics I](#)
- BECGE1111 - [Economics II](#)

BECGE1210 "Microeconomics" has prerequisite(s) BECGE1110

- BECGE1110 - [Economics I](#)

BECGE1211

- BECGE1213 - [Financial Statement Analysis](#)
 - BECGE1115 - [Introduction to financial markets](#)
- BECGE1329** "[Firm's management - simulation game](#)" has prerequisite(s) BECGE1213 AND BECGE1322 AND BECGE1115
- BECGE1213 - [Financial Statement Analysis](#)
 - BECGE1322 - [Marketing](#)
 - BECGE1115 - [Introduction to financial markets](#)
- BECGE1340** "[Seminar in Economic History](#)" has prerequisite(s) BECGE1110 AND BECGE1211 AND BINGE1131
- BECGE1110 - [Economics I](#)
 - BECGE1211 - [Macroeconomics](#)
 - BINGE1131 - [Probability](#)
- BECGE1341** "[Public policy seminar](#)" has prerequisite(s) BECGE1210 AND BECGE1211
- BECGE1210 - [Microeconomics](#)
 - BECGE1211 - [Macroeconomics](#)
- BINGE1231** "[In depth Statistics](#)" has prerequisite(s) BINGE1131
- BINGE1131 - [Probability](#)
- BINGE1232** "[Mathematics for business engineers III](#)" has prerequisite(s) BINGE1132
- BINGE1132 - [Mathematics for business engineers II](#)
- BINGE1310** "[Operations management](#)" has prerequisite(s) BINGE1232
- BINGE1232 - [Mathematics for business engineers III](#)
- BINGE1311** "[Analysis and Design of Information Systems](#)" has prerequisite(s) BECGE1230
- BECGE1230 - [Foundations of business information systems](#)
- BINGE1314** "[Multivariate Statistics and Econometrics](#)" has prerequisite(s) BINGE1231
- BINGE1231 - [In depth Statistics](#)
- BINGE1341** "[Sciences and technologies IV](#)" has prerequisite(s) BINGE1242
- BINGE1242 - [Sciences and technologies III](#)
- BNEER1281** "[Dutch II](#)" has prerequisite(s) BNEER1181
- BNEER1181 - [Dutch I](#)
- BNEER1381** "[Dutch III](#)" has prerequisite(s) BNEER1281
- BNEER1281 - [Dutch II](#)

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

INGB1BA - 1ST 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

o BECGE1110	Economics I	Hélène Latzer	FB [q1] [45h +15h] [5 Credits]
o BECGE1111	Economics II	Jean-François Fagnart	FB [q2] [45h +22.5h] [6 Credits]

o Management

o BECGE1112	Basis of accounting	Oscar Bernal Diaz (compensates Alexandre Girard)	FB [q1] [45h +15h] [5 Credits]
o BECGE1115	Introduction to financial markets	Alexandre Girard	FB [q2] [30h +15h] [4 Credits]

o Law

o BESPO1176	Law	Thibaut Slingeneyer de Goeswin (compensates Diane Bernard)	FB [q1] [45h +15h] [5 Credits]
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o Other Human and Social Sciences

o BINGE1161	Global Economic History		FB [q2] [30h] [4 Credits]
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o Computer Science and Quantitative Methods

o BINGE1130	Mathematics for business engineers I	Thierry Lavendhomme	FB [q1] [30h +15h] [4 Credits]
o BINGE1132	Mathematics for business engineers II	Thierry Lavendhomme	FB [q2] [45h +22.5h] [5 Credits]
o BINGE1131	Probability	Nathan Uyttendaele (compensates Cédric Heuchenne)	FB [q2] [30h +22.5h] [4 Credits]

o Science and Technology

o BINGE1140	Sciences and technologies I	Thomas Gathy	FB [q1] [45h +22.5h] [5 Credits]
o BINGE1141	Sciences and technologies II	Arnaud Delcorte Sébastien Toussaint	FB [q2] [45h +22.5h] [5 Credits]


o Languages

<p>o BANGL1191</p>	<p>English I</p>	<p>Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Milena Fontana Julie George Garkov Priscilla Hemeleers David Leisterh Françoise Longrée (coord.) Isabelle Lukau Erwin Ochsenmeier (coord.) Melissa Uzumcuoglu</p>	<p>EN [q1+q2] [0h +30h] [4 Credits] ⓘ</p>
<p>o BNEER1181</p>	<p>Dutch I <i>Will benefit from a course unit of Dutch for Beginners or Spanish in first year: 1) The student who has had less than two hours of Dutch per week throughout the year in one of the last four years of high school; 2) The student who have completed high school in 2019-2020 or earlier and who has not been trained in Dutch between the end of high school and its registration in St. Louis. Additional informations and forms to fill out are avief49ol and</i></p>		

o Science and Technology

o BINGE1242	Sciences and technologies III	Thomas Gathy Massimo Marotta Sébastien Toussaint	100 [q2] [45h +30h] [5 Credits] 
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o Languages

o BANGL1291	English II 	Julie George Garkov	
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INGB1BA - 3RD ANNUAL UNIT

- Mandatory
 - ✘ Optional
 - △
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○ BNEER1381

Dutch III 🇳🇱

Student who replaced the course unit of Dutch I and II the First

- 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](#).

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 \(non-residents\)](#).

- 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 \(non-residents\)](#).

- 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 \(non-residents\)](#).

- 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 \(non-residents\)](#).

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 \(fr\)](#).

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

Office: Ommegang 6 - 2nd floor - office 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: [Wim Laurier](#)

Jury

- president: [Xavier Wauthy](#)
- secretary: [Tom Truyts](#)
- Third member: [Alexandre Girard](#)

