UCLouvain

INAB1BA

2023 - 2024

Bachelor : Business Engineering (French-English)

At Bruxelles Saint-Louis - 180 credits - 3 years - Day schedule - In French
Dissertation/Graduation Project : **NO** - Internship : **NO**
Activities in English: **YES** - Activities in other languages : **optional**
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: **INAB1BA** - Francophone Certification Framework: 6

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INAB1BA - Introduction

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Introduction

Introduction

Completing a bachelor's degree in business engineering in a bilingual French-English programme is an asset in a globalised professional world. It allows students to take part of their bachelor's degree in English. 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 good command of English
- 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.

There is no selection process for multilingual programmes.

- However, a written language test is held at the beginning of the year. It is used as a guide to assess language skills and to recommend or advise against a bilingual or trilingual programme.
- In the event of difficulties, there is the option to return to the unilingual programme in French, with language courses.

Your future job

The business engineering programme is divided into two cycles: the three-year bachelor's degree and the one- or two-year master's degree. After completing a master's degree in business engineering, there are many and varied career opportunities. Graduates have access to management positions in areas such as:

- the private sector (industry and services): organisation and production management, financial management, marketing, human resources management
- consultancy firms
- public and private, national and international banks and financial institutions
- private institutions, public administration and public companies
- education and academic research

Your programme

The programme is made up of courses which can be divided into seven categories:

1. Economics
2. Management
3. Law
4. Computer science and quantitative methods
5. Humanities and social sciences
6. Science and technology
7. Languages

The proportion of the programme devoted to management increases gradually each year.

Proficiency in several languages is essential for a successful career in management. In addition to the compulsory language courses included in the bachelor's programme, the Faculty of Economics, Social and Political Sciences and Communication Saint-Louis in Brussels offers multilingual programmes which allow students to practise a second language actively. Students take part of their programme in a language other than French, which amounts to three course units per year for the bilingual French/English programme.

Pursuing a dual bachelor's degree

Our dual bachelor's degrees are one of the special features of UCLouvain Saint-Louis - Bruxelles.

Students can take a second bachelor's degree, in tandem with their main bachelor's degree. This means that they complete their main programme with a minimum of 60 and a maximum of 125 additional credits spread over several years. The additional bachelor's

degree can be completed after the main bachelor's degree. A series of courses taken as part of the main programme count towards the additional bachelor's degree and are therefore no longer subject to assessment.

The additional bachelor's degree has the same value as the main bachelor's degree and provides immediate access to the corresponding master's degree.

The following second degrees are available:

- Bachelor in Law [Dual Bachelor's degree for the holder of a Bachelor in Business Engineering]
- Bachelor in Philosophy [Dual Bachelor's degree for the holder of a Bachelor in Business Engineering]

For further information, please contact the faculty administration: espo-slb@uclouvain.be.

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INAB1BA - Teaching profile

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Learning outcomes

Specific learning outcomes of students in the bilingual programme:

- The ability to take a course and the oral or written exam in English
- Knowledge of the cultural environment, particularities and ways of thinking associated with the English-speaking world
- The ability to conduct research in the field of economics and write a substantial academic paper in English

General learning outcomes

By the end of their bachelor's degree in business engineering, students will have acquired:

I. The disciplinary and methodological foundations of economics and management

- **A practical command of the fundamental concepts and models of economics and management**
- **The basic methodological tools needed for an academic approach to economics and management**

    - The ability to model economic phenomena
    - A command of the foundational fields of management

    All economics and management CUs in years 1 and 2
- **The ability to analyse real economic and management issues**

  Seminar courses in year 2 and year 3, advanced courses in economics and management in year 3
- **An in-depth understanding of the ethical and political dimensions of economic analysis**

  In particular, the reflective and interdisciplinary dimensions of year 3 courses in economics
- **The ability to use mathematics and computer models to support analytical reasoning**
- **The ability to apply mathematical modelling to economic and social issues**
- **The ability to use mathematical and statistical tools to solve economic and management problems**

  All CUs in mathematics and statistics
- **The ability to produce abstract reasoning using a formalised language and adopt a critical distance with respect to this process**

  All CUs in quantitative methods; series of CUs in information technology

II. A grounding in areas which are complementary to economics and management

- **A practical command of core knowledge in the human, legal and social sciences which are essential for the analysis of economic and management issues**
- **A knowledge of the major areas of thought underlying the social sciences and humanities**

  List of CUs in philosophy, sociology, political science, etc. CUs in law
- **The ability to see the connections between the different disciplinary skills and identify their complementarities**

  Introductory interdisciplinary CUs: Ethics and the economy, Economic history, Economics: interdisciplinary perspectives

III.   A grounding in science

- **An understanding of the scientific underpinnings of technological processes and information management and their respective implications in a management perspective**

    - An understanding of the fundamental concepts in chemistry and physics
    - Knowledge of basic technologies in the fields of chemistry and physics
    - Experience with the complexity of the processes of industrial chemistry and physics and the ability to discuss these with specialists in the field who are active in a business context

      CUs in chemistry and physics; CUs in technology
    - The ability to use computer software and model problems in algorithmic form

      Series of CUs in the area of information technology

IV. A grounding in the scientific method

- **The ability to demonstrate intellectual rigour in their academic work and analytical skills**
- **The ability to critically compare theoretical insights with real situations**
- **The ability to use the knowledge resources available at university, notably by acquiring expertise in the use of the methods and tools of documentary research**

    - The ability to make use of the models presented in lectures to solve real problems

      LO of the practical work associated with CUs in economics, management and econometrics
    - The ability to manipulate and present quantitative data to illustrate economic and social phenomena

      LO of the practical work in statistics, LO of the practical work in Economics II
    - The ability to maintain a critical distance with respect to theory and to critically review and analyse academic texts

V. High-level written and oral communication skills

- **The ability to demonstrate written and oral communication skills in two languages in addition to French, while defending a scholarly argument or presenting a piece of research in accordance with academic ethics**

  - The ability to produce intellectually rigorous personal reasoning, and to defend it both in written and oral forms
  - The ability to carry out university-level research work, notably through the use of statistical data
  - The ability to write a report in accordance with the standards of academic writing

    LO for the practical work for all economics and management courses; Company management simulation
  - Oral and written (passive and active) communication skills in English and Dutch, and more specifically, the ability to converse in both everyday and specialised language (in the social sciences and humanities) in these two languages
  - The ability to understand, examine and reproduce a theoretical concept learnt in class in these two languages

    All CUs in NL and EN in years 1, 2 and 3
  - A familiarisation with an environment in a language other than their own (stays abroad)

    ERASMUS exchanges in year 3

Programme structure

Bilingual programme

In addition to the compulsory language courses in the bachelor's programme, Saint-Louis offers bilingual programmes which allow students to practise a second language actively.

Students take part of their programme in a language other than French, which amounts to three course units per year for the bilingual French/English programme.

A first-cycle programme

The bachelor's degree in business engineering is a first-cycle programme (a 'transition' bachelor's degree), consisting of 180 credits spread over three years (60 credits per year). It prepares students for the master's degree programme in the second cycle.

The programme includes courses in science and technology, as well as in-depth courses in mathematics and statistics. However, the programme is designed to meet the minimum requirements of the common courses in the Faculty of Economics, Social and Political Sciences and Communication Saint-Louis in each subject, and thus – through a recognition of the equivalence of credits – allow the same easy reorientation possibilities as the other bachelor's degree programmes in the faculty.

INAB1BA Programme

Detailed programme by subject

- O 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

o *Content:*

o Economics

				Year 1	2	3
O BECGE1113	Economics I	Koen Declercq	[EN] [q1] [45h+15h] [5 Credits] ⊕	x		
O BECGE1114	Economics II	Dominique Chariot (compensates Bertrand Hamaide)	[EN] [q2] [45h+30h] [6 Credits] ⊕	x		
O BECGE1217	Microeconomics 🟨	Koen Declercq	[EN] [q1] [45h+15h] [6 Credits] ⊕		x	

					Year		
					1	2	3
O BECGE1211	Macroeconomics 📒	Jean-François Fagnart	FR	[q2] [45h+15h] [6 Credits] 🌐		x	

⚙ Management

					1	2	3
O BECGE1112	Basis of accounting	Oscar Bernal Diaz (compensates Alexandre Girard)	FR	[q1] [45h+15h] [5 Credits] 🌐	x		
O BECGE1116	Introduction to financial markets	Anouk Claes	EN	[q2] [30h+15h] [4 Credits] 🌐	x		
O BECGE1213	Financial Statement Analysis 📒	Yves De Rongé	FR	[q1] [30h+15h] [4 Credits] 🌐		x	
O EKULB1320	Marketing		EN	[q1] [52h] [5 Credits] 🌐		x	
O BINGE1310	Operations management 📒	Bertrand Verlaine (compensates Wim Laurier)	FR	[q1] [30h+15h] [5 Credits] 🌐			x
O BECGE1328	Management and strategy 📒	Frank Janssen	EN	[q1] [30h] [5 Credits] 🌐			x
O BECGE1329	Firm's management - simulation game 📒	Alexandre Girard	FR	[q2] [45h] [6 Credits] 🌐			x
O BECGE1327	Corporate Finance 📒	Anouk Claes	EN	[q2] [45h] [5 Credits] 🌐			x

⚙ Law

					1	2	3
O BESPO1176	Law	Diane Bernard	FR	[q1] [45h+15h] [5 Credits] 🌐	x		
O BECGE1220	Commercial law	Gabriela de Pierpont (compensates Pierre Jadoul) Yannick Ninane Yannick Ninane (compensates Pierre Jadoul)	FR	[q1] [45h] [5 Credits] 🌐		x	

⚙ Other Human and Social Sciences

⚙ Choose one course among the following :

					1	2	3
⚇ BESPO1165	Political Science	Emmanuel Klimis	EN	[q1] [30h] [5 Credits] 🌐		x	
⚇ BPOLS1114	Communication science	Thomas Jacobs	EN	[q1] [30h+15h] [5 Credits] 🌐		x	
⚇ BESPO1164	Geopolitics	Jeroen Joly	EN	[q2] [30h] [5 Credits] 🌐		x	
O BESPO1360	Ethics and the economy 📒	Yannick Vanderborght	EN	[q1] [30h] [5 Credits] 🌐			x
O BECGE1318	Critical analysis of organizations and markets 📒	Joseph Amougou Matthieu de Nanteuil	FR	[q1] [30h] [5 Credits] 🌐			x

⚙ Computer Science and Quantitative Methods

					1	2	3
O BINGE1130	Mathematics for business engineers I	Thierry Lavendhomme	FR	[q1] [30h+15h] [4 Credits] 🌐	x		
O BINGE1132	Mathematics for business engineers II	Thierry Lavendhomme	FR	[q2] [45h+22.5h] [5 Credits] 🌐	x		
O BINGE1131	Probability	Nathan Uyttendaele (compensates Cédric Heuchenne)	FR	[q2] [30h+22.5h] [4 Credits] 🌐	x		
O BECGE1133	Computer science I	Wim Laurier	FR	[q2] [30h] [4 Credits] 🌐	x		
O BINGE1231	In depth Statistics 📒	Cédric Heuchenne	FR	[q1] [45h+22.5h] [5 Credits] 🌐		x	
O BINGE1232	Mathematics for business engineers III 📒	Thierry Lavendhomme	FR	[q2] [45h+15h] [5 Credits] 🌐		x	
O BECGE1230	Computer science II	Wim Laurier	FR	[q2] [30h+30h] [4 Credits] 🌐		x	
O BECGE1330	Econometrics 📒	Anouk Claes	FR	[q1] [45h+15h] [6 Credits] 🌐			x
O BINGE1311	Computer science III 📒	Wim Laurier	FR	[q2] [30h+15h] [5 Credits] 🌐			x

⚙ Science and Technology

					1	2	3
O BINGE1140	Sciences and technologies I	Thomas Gathy	FR	[q1] [45h+22.5h] [5 Credits] 🌐	x		
O BINGE1141	Sciences and technologies II	Arnaud Delcorte Sébastien Toussaint	FR	[q2] [45h+22.5h] [5 Credits] 🌐	x		

					Year 1	2	3
O BINGE1242	Sciences and technologies III		Thomas Gathy Massimo Marotta Sébastien Toussaint	FR [q2] [45h+30h] [5 Credits] ⊕		x	
O BINGE1341	Sciences and technologies IV 🔲		Paul Fisette Xavier Marichal Massimo Marotta	FR [q1] [45h] [5 Credits] ⊕			x

o Languages

					Year 1	2	3
O BANGL1191	English I		Marleen Cré Sebastiano Ferrari Julie George Garkov Françoise Longrée (coord.) Tanja Temmerman (coord.)	EN [q1+q2] [0h+30h] [4 Credits] ⊕	x		
O BNEER1181	Dutch 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.*		Astrid De Munter (coord.) Luc De Pauw Nadine Kayobotsi Arzu Tatli	NL [q1+q2] [0h+30h] [4 Credits] ⊕	x		
O BANGL1291	English II 🔲		Milena Fontana Julie George Garkov Françoise Longrée (coord.) Erwin Ochsenmeier Madeline Riordan Tanja Temmerman (coord.)	EN [q1+q2] [0h+60h] [5 Credits] ⊕		x	
O BNEER1281	Dutch II 🔲 *Student who replaced the course unit of Dutch I the Fisrt 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 II). Additional informations are available at the Faculty secretariat.*		Astrid De Munter (coord.) Guy Sirjacobs	NL [q1+q2] [0h+60h] [5 Credits] ⊕		x	
O BANGL1391	English III 🔲		Gerlanda Cipolla Marleen Cré Sebastiano Ferrari Julie George Garkov Françoise Longrée (coord.) Erwin Ochsenmeier	EN [q2] [0h+30h] [4 Credits] ⊕			x
O BNEER1381	Dutch III 🔲 *Student who replaced the course unit of Dutch I and II the Fisrt Year and the Second Year by Dutch for Beginners I and II or Spanish I and II should follow the Third Year, the same course unit, higher level (Dutch for Beginners III or Spanish III). Additional informations are available at the Faculty secretariat.*		Astrid De Munter Barbara Fraipont	NL [q2] [0h+30h] [4 Credits] ⊕			x

o Optional Courses

Students must choose optional course totalling 5 credits.

					Year 1	2	3
⌘ BECGE1340	Economic history 🔲		Jean Lacroix Kim Oosterlinck	EN [q1] [30h] [5 Credits] ⊕			x
⌘ BECGE1233	Game theory 🔲		Ana Mauleon	FR [q1] [30h+15h] [5 Credits] ⊕			x
⌘ BECGE1313	Environmental Economics 🔲		Bertrand Hamaide	FR [q1] [30h] [5 Credits] ⊕			x
⌘ EKULB1331	European institutions 🔲			NL [q1] [26h] [3 Credits] ⊕			x
⌘ EKULB1332	International Business 🔲			EN [q1] [26h] [3 Credits] ⊕			x

⌘ Optional choice of one course unit among :

					Year 1	2	3
⌘ BECGE1321	Organisational studies 🔲		Karine Dejean	FR [q1] [30h] [5 Credits] ⊕			x

				Year		
				1	2	3
✵ BECGE1326	Humans and organization 🔲	Ludo Struyven	NL [q1] [30h] [5 Credits] ⊕			x

✵ **Choix éventuel d'une unité d'enseignement parmi :**

✵ EKULB1329	ICT Management 🔲		NL [q2] [52h] [5 Credits] ⊕			x
✵ EKULB1328	ICT Management 🔲		EN [q2] [52h] [5 Credits] ⊕			x
✵ 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
✵ BDROI1272	Special questions of economic law 🔲	Alain Strowel Alain Strowel (compensates Xavier Wauthy)	FR [q2] [30h] [5 Credits] ⊕			x
✵ BECGE1341	Public policy seminar 🔲	Gilles Grandjean (coord.) Hélène Latzer	EN [q2] [30h] [5 Credits] ⊕			x

✵ **Choose one course among the following :**

✵ BECGE1212	Public economics 🔲	Gilles Grandjean	FR [q2] [45h+7.5h] [5 Credits] ⊕			x
✵ BECGE1215	Public economics 🔲	Tom Truyts	EN [q2] [45h+7.5h] [5 Credits] ⊕			x
✵ BECGE1218	Public economics 🔲	Tom Truyts	NL [q2] [45h+7.5h] [5 Credits] ⊕			x

✵ **Choose one course among the following :**

✵ BECGE1214	Human management	Laurent Taskin	FR [q2] [30h+7.5h] [5 Credits] ⊕			x
✵ BECGE1216	Human Resource Management	Ralf Caers	EN [q2] [30h] [5 Credits] ⊕			x
✵ BDURA1000	Environmental Challenges and Issues	Christine Frison	FR [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 pupuses 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.

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Prerequisities list

BANGL1291 "Anglais II" has prerequisite(s) BANGL1191

- BANGL1191 - English I

BANGL1391 "Anglais III" has prerequisite(s) BANGL1291

- BANGL1291 - English II

BDROI1272 "Questions spéciales de droit économique" has prerequisite(s) BECGE1113 ET BECGE1114

- BECGE1113 - Economics I
- BECGE1114 - Economics II

BECGE1211 "Macroéconomie" has prerequisite(s) BECGE1114

- BECGE1114 - Economics II

BECGE1212 "Economie publique" has prerequisite(s) BECGE1113

- BECGE1113 - Economics I

BECGE1213 "Analyse des états financiers" has prerequisite(s) BECGE1112

- BECGE1112 - Basis of accounting

BECGE1215 "Public economics" has prerequisite(s) BECGE1113

- BECGE1113 - Economics I

BECGE1217 "Microeconomics" has prerequisite(s) BECGE1113

- BECGE1113 - Economics I

BECGE1218 "Publieke economie" has prerequisite(s) BECGE1113

- BECGE1113 - Economics I

BECGE1233 "Théorie des jeux" has prerequisite(s) BINGE1232

- BINGE1232 - Mathematics for business engineers III

BECGE1313 "Economie de l'environnement" has prerequisite(s) BECGE1217

- BECGE1217 - Microeconomics

BECGE1314 "International Economics" has prerequisite(s) BECGE1217 ET BECGE1211

- BECGE1217 - Microeconomics
- BECGE1211 - Macroeconomics

BECGE1317 "European Economics" has prerequisite(s) BECGE1113 ET BECGE1114

- BECGE1113 - Economics I
- BECGE1114 - Economics II

BECGE1318 "Analyse critique des organisations et des marchés" has prerequisite(s) BECGE1211

- BECGE1211 - Macroeconomics

BECGE1321 "Théorie des organisations" has prerequisite(s) BESPO1164 OU BESPO1165 OU BPOLS1114

- BESPO1164 - Geopolitics
- BESPO1165 - Political Science
- BPOLS1114 - Communication science

BECGE1326 "Mens en organisatie" has prerequisite(s) BESPO1164 OU BESPO1165 OU BPOLS1114

- BESPO1164 - Geopolitics
- BESPO1165 - Political Science
- BPOLS1114 - Communication science

BECGE1327 "Corporate Finance" has prerequisite(s) BECGE1213 ET BECGE1116

- BECGE1213 - Financial Statement Analysis
- BECGE1116 - Introduction to financial markets

BECGE1328 "Management and strategy" has prerequisite(s) EKULB1320

- EKULB1320 - Marketing

BECGE1329   "Simulation de gestion - jeu d'entreprise"   has prerequisite(s) BECGE1213 ET EKULB1320 ET BECGE1116

- BECGE1213 - Financial Statement Analysis
- EKULB1320 - Marketing
- BECGE1116 - Introduction to financial markets

BECGE1330   "Econométrie"   has prerequisite(s) BINGE1231

- BINGE1231 - In depth Statistics

BECGE1340   "Economic history"   has prerequisite(s) BECGE1113 ET BECGE1211 ET BINGE1131

- BECGE1113 - Economics I
- BECGE1211 - Macroeconomics
- BINGE1131 - Probability

BECGE1341   "Public policy seminar"   has prerequisite(s) BECGE1217 ET BECGE1211

- BECGE1217 - Microeconomics
- BECGE1211 - Macroeconomics

BESPO1360   "Ethics and the economy"   has prerequisite(s) BECGE1113 ET BECGE1114

- BECGE1113 - Economics I
- BECGE1114 - Economics II

BINGE1231   "Statistique approfondie"   has prerequisite(s) BINGE1131

- BINGE1131 - Probability

BINGE1232   "Mathématiques pour ingénieur de gestion III"   has prerequisite(s) BINGE1132

- BINGE1132 - Mathematics for business engineers II

BINGE1310   "Gestion des opérations"   has prerequisite(s) BINGE1232

- BINGE1232 - Mathematics for business engineers III

BINGE1311   "Informatique III"   has prerequisite(s) BECGE1230

- BECGE1230 - Computer science II

BINGE1341   "Sciences et technologies IV"   has prerequisite(s) BINGE1242

- BINGE1242 - Sciences and technologies III

BNEER1281   "Néerlandais II"   has prerequisite(s) BNEER1181

- BNEER1181 - Dutch I

BNEER1381   "Néerlandais III"   has prerequisite(s) BNEER1281

- BNEER1281 - Dutch II

EKULB1328   "ICT Management"   has prerequisite(s) EKULB1320

- EKULB1320 - Marketing

EKULB1329   "ICT Management"   has prerequisite(s) EKULB1320

- EKULB1320 - Marketing

EKULB1331   "Europese Instellingen"   has prerequisite(s) BECGE1217

- BECGE1217 - Microeconomics

EKULB1332   "International Business"   has prerequisite(s) BECGE1217

- BECGE1217 - Microeconomics

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

INAB1BA - 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...)

○ *Content:*

○ Economics

○ BECGE1113	Economics I	Koen Declercq	[EN] [q1] [45h +15h] [5 Credits] 🌐
○ BECGE1114	Economics II	Dominique Chariot (compensates Bertrand Hamaide)	[EN] [q2] [45h +30h] [6 Credits] 🌐

○ Management

○ BECGE1112	Basis of accounting	Oscar Bernal Diaz (compensates Alexandre Girard)	[EN] [q1] [45h +15h] [5 Credits] 🌐
○ BECGE1116	Introduction to financial markets	Anouk Claes	[EN] [q2] [30h +15h] [4 Credits] 🌐

○ Law

○ BESPO1176	Law	Diane Bernard	[FR] [q1] [45h +15h] [5 Credits] 🌐

○ Computer Science and Quantitative Methods

○ BINGE1130	Mathematics for business engineers I	Thierry Lavendhomme	[FR] [q1] [30h +15h] [4 Credits] 🌐
○ BINGE1132	Mathematics for business engineers II	Thierry Lavendhomme	[FR] [q2] [45h +22.5h] [5 Credits] 🌐
○ BINGE1131	Probability	Nathan Uyttendaele (compensates Cédric Heuchenne)	[FR] [q2] [30h +22.5h] [4 Credits] 🌐
○ BECGE1133	Computer science I	Wim Laurier	[FR] [q2] [30h] [4 Credits] 🌐

○ Science and Technology

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

⊙ Languages

⊙ BANGL1191	English I		Marleen Cré Sebastiano Ferrari Julie George Garkov Françoise Longrée (coord.) Tanja Temmerman (coord.)	EN [q1+q2] [0h +30h] [4 Credits] ⊕
⊙ BNEER1181	Dutch 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.*		Astrid De Munter (coord.) Luc De Pauw Nadine Kayobotsi Arzu Tatli	NL [q1+q2] [0h +30h] [4 Credits] ⊕

⊙ Languages

⊙ BANGL1191	English I		Marleen Cré	EN [q1+q2] [0h +30h] [4 Credits] ⊕

INAB1BA - 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...)

○ *Content:*

○ Economics

○ BECGE1217	Microeconomics 🟨	Koen Declercq	EN [q1] [45h +15h] [6 Credits] 🌐
○ BECGE1211	Macroeconomics 🟨	Jean-François Fagnart	FR [q2] [45h +15h] [6 Credits] 🌐

○ Management

○ BECGE1213	Financial Statement Analysis 🟨	Yves De Rongé	FR [q1] [30h +15h] [4 Credits] 🌐
○ EKULB1320	Marketing		EN [q1] [52h] [5 Credits] 🌐

○ Law

○ BECGE1220	Commercial law	Gabriela de Pierpont (compensates Pierre Jadoul) Yannick Ninane Yannick Ninane (compensates Pierre Jadoul)	FR [q1] [45h] [5 Credits] 🌐

○ Other Human and Social Sciences

○ Choose one course among the following :

⊗ BESPO1165	Political Science	Emmanuel Klimis	EN [q1] [30h] [5 Credits] 🌐
⊗ BPOLS1114	Communication science	Thomas Jacobs	EN [q1] [30h +15h] [5 Credits] 🌐
⊗ BESPO1164	Geopolitics	Jeroen Joly	EN [q2] [30h] [5 Credits] 🌐

○ Computer Science and Quantitative Methods

○ BINGE1231	In depth Statistics 🟨	Cédric Heuchenne	FR [q1] [45h +22.5h] [5 Credits] 🌐
○ BINGE1232	Mathematics for business engineers III 🟨	Thierry Lavendhomme	FR [q2] [45h +15h] [5 Credits] 🌐

O BECGE1230	Computer science II	Wim Laurier	FR [q2] [30h +30h] [4 Credits] ⊕

o Science and Technology

O BINGE1242	Sciences and technologies III	Thomas Gathy Massimo Marotta Sébastien Toussaint	FR [q2] [45h +30h] [5 Credits] ⊕

o Languages

O BANGL1291	English II 📒	Milena Fontana Julie George Garkov Françoise Longrée (coord.) Erwin Ochsenmeier Madeline Riordan Tanja Temmerman (coord.)	EN [q1+q2] [0h +60h] [5 Credits] ⊕
O BNEER1281	Dutch II 📒 *Student who replaced the course unit of Dutch I the Fisrt 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 II). Additional informations are available at the Faculty secretariat.*	Astrid De Munter (coord.) Guy Sirjacobs	NL [q1+q2] [0h +60h] [5 Credits] ⊕

INAB1BA - 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...)

○ *Content:*

○ Management

○ BINGE1310	Operations management 🟨	Bertrand Verlaine (compensates Wim Laurier)	[EN] [q1] [30h +15h] [5 Credits] ⊕
○ BECGE1328	Management and strategy 🟨	Frank Janssen	[EN] [q1] [30h] [5 Credits] ⊕
○ BECGE1329	Firm's management - simulation game 🟨	Alexandre Girard	[EN] [q2] [45h] [6 Credits] ⊕
○ BECGE1327	Corporate Finance 🟨	Anouk Claes	[EN] [q2] [45h] [5 Credits] ⊕

○ Other Human and Social Sciences

○ BESPO1360	Ethics and the economy 🟨	Yannick Vanderborght	[EN] [q1] [30h] [5 Credits] ⊕
○ BECGE1318	Critical analysis of organizations and markets 🟨	Joseph Amougou, Matthieu de Nanteuil	[EN] [q1] [30h] [5 Credits] ⊕

○ Computer Science and Quantitative Methods

○ BECGE1330	Econometrics 🟨	Anouk Claes	[EN] [q1] [45h +15h] [6 Credits] ⊕
○ BINGE1311	Computer science III 🟨	Wim Laurier	[EN] [q2] [30h +15h] [5 Credits] ⊕

○ Science and Technology

○ BINGE1341	Sciences and technologies IV 🟨	Paul Fisette, Xavier Marichal, Massimo Marotta	[EN] [q1] [45h] [5 Credits] ⊛

○ Languages

○ BANGL1391	English III 🟨	Gerlanda Cipolla, Marleen Cré, Sebastiano Ferrari, Julie George Garkov, Françoise Longrée (coord.), Erwin Ochsenmeier	[EN] [q2] [0h +30h] [4 Credits] ⊕

| O BNEER1381 | Dutch III 📙
Student who replaced the course unit of Dutch I and II the Fisrt Year and the Second Year by Dutch for Beginners I and II or Spanish I and II should follow the Third Year, the same course unit, higher level (Dutch for Beginners III or Spanish III). Additional informations are available at the Faculty secretariat. | Astrid De Munter
Barbara Fraipont | NL [q2]
[0h +30h] [4 Credits] 🌐 |

o Optional Courses

Students must choose optional course totalling 5 credits.

⚒ BECGE1340	Economic history 📙	Jean Lacroix Kim Oosterlinck	EN [q1] [30h] [5 Credits] 🌐
⚒ BECGE1233	Game theory 📙	Ana Mauleon	EN [q1] [30h +15h] [5 Credits] 🌐
⚒ BECGE1313	Environmental Economics 📙	Bertrand Hamaide	EN [q1] [30h] [5 Credits] 🌐
⚒ EKULB1331	European institutions 📙		NL [q1] [26h] [3 Credits] 🌐
⚒ EKULB1332	International Business 📙		EN [q1] [26h] [3 Credits] 🌐

⚒ Optional choice of one course unit among :

| ⚒ BECGE1321 | Organisational studies 📙 | Karine Dejean | EN [q1]
[30h] [5 Credits] 🌐 |
| ⚒ BECGE1326 | Humans and organization 📙 | Ludo Struyven | NL [q1]
[30h] [5 Credits] 🌐 |

⚒ Choix éventuel d'une unité d'enseignement parmi :

⚒ EKULB1329	ICT Management 📙		NL [q2] [52h] [5 Credits] 🌐
⚒ EKULB1328	ICT Management 📙		EN [q2] [52h] [5 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] 🌐
⚒ BDROI1272	Special questions of economic law 📙	Alain Strowel Alain Strowel (compensates Xavier Wauthy)	EN [q2] [30h] [5 Credits] 🌐
⚒ BECGE1341	Public policy seminar 📙	Gilles Grandjean (coord.) Hélène Latzer	EN [q2] [30h] [5 Credits] 🌐

⚒ Choose one course among the following :

⚒ BECGE1212	Public economics 📙	Gilles Grandjean	FR [q2] [45h +7.5h] [5 Credits] 🌐
⚒ BECGE1215	Public economics 📙	Tom Truyts	EN [q2] [45h +7.5h] [5 Credits] 🌐
⚒ BECGE1218	Public economics 📙	Tom Truyts	NL [q2] [45h +7.5h] [5 Credits] 🌐

⚒ Choose one course among the following :

⚔ BECGE1214	Human management	Laurent Taskin	[q2] [30h +7.5h] [5 Credits] 🌐
⚔ BECGE1216	Human Resource Management	Ralf Caers	[q2] [30h] [5 Credits] 🌐
⚔ BDURA1000	Environmental Challenges and Issues	Christine Frison	[q2] [30h] [5 Credits] 🌐

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INAB1BA - Information

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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 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.

  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 medecine 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).

Teaching method

At Saint-Louis, lectures are given in moderate-sized auditoriums. This allows students to have close contact with their lecturers.

Course units in economics and quantitative methods are accompanied by practical work sessions in small groups.

In the first term, the English and law course units are accompanied by remedial classes for students experiencing difficulties in these subjects. Remedial classes in economics and mathematics are offered in the second term to students who did not pass these exams during the January exam session.

Methodological assistance

The faculty places great importance on educational support for all bachelor's programmes. The Academic Guidance Service (AGS) offers a range of activities and is available to meet students who wish to do so.

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".

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

Three examination sessions are organised during the academic year, in January, June and August/September. First-year students who do not achieve passing grades in the January session have two opportunities to retake specific examinations, in June and September.

Formative assessments take place during the academic year in the form of practical work to be prepared. For some course units, a continuous assessment system is used in addition to the exam.

Mobility and/or Internationalisation outlook

Exchange programmes

UCLouvain Saint-Louis - Bruxelles has exchange agreements with universities outside the Fédération Wallonie-Bruxelles. These agreements allow students to take part of their bachelor's degree programme at a partner university while remaining enrolled at UCLouvain Saint-Louis - Bruxelles. Students in business engineering can take part in an ERASMUS exchange in the second term of year 3. The exchange programme is equivalent to approximately 30 credits.

Three types of exchange are available:

- **Erasmus exchanges** with universities in European Union countries
- **Erasmus Belgica exchanges** with Dutch-language Belgian universities
- **exchanges with universities outside Europe**, on the basis of bilateral agreements

Find out more about the destinations.

Language study grants

The faculty awards grants to students for language courses in various destinations during the summer. The selection of candidates is based on their results and motivation.

Possible trainings at the end of the programme

The bachelor's degree in business engineering gives direct access to master's degrees in business engineering, management, economics, human resources management and European studies organised under the Fédération Wallonie-Bruxelles.

With their solid training in English, graduates of the bilingual programme are prepared for a master's degree abroad.

Master's degrees available at UCLouvain

Direct access

- Master [120] : Business Engineering (Louvain-la-Neuve) et Master [120] : Business Engineering (Mons)
- Master [120] in Management (Louvain-la-Neuve) et Master [120] in Management (Mons)
- Master [60] in Management (Louvain-la-Neuve) et Master [60] in Management (Mons)
- Master [120] in Economics: General (Louvain-la-Neuve) et Master [60] in Economics : General (Louvain-la-Neuve)
- Master [120] in Human Resources Management (Louvain-la-Neuve)
- Master [120] in Data Science : Statistic (Louvain-la-Neuve)
- Master [120] in Actuarial Science (Louvain-la-Neuve)

Other programmes available

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	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: Wim Laurier

Jury

- president: Xavier Wauthy
- secretary: Tom Truyts
- Third member: Alexandre Girard