

INGE1BA - Teaching profile

Learning outcomes

AAS5.2 S'exercer à développer un regard argumenté et critique, en adoptant une posture d'acteur socialement responsable, vis-à-vis de l'évolution des phénomènes socio-économiques, technologiques et environnementaux contemporains (entre autres, les impacts de processus de gestion, de production, technologiques, ainsi que d'innovation).

AAS5.3. Appréhender de manière critique les enjeux du 21^e siècle, notamment les interrelations entre crises écologiques, sociales et économiques.

Programme structure

The programme is organised in the form of one single line of studies of 180 credits, into which are integrated 26 credits in Sciences and Technology.

The programme comprises courses in Sciences and Technology, and an intensive course in Mathematics and Statistics. Nevertheless, the programme is still conceived in such a way as to satisfy the minimum demands of each of the subjects within the pool of subjects common to the ESPO. This thus allows for the same possibilities of re-orientation as the other ESPO bachelor programmes, thanks to the recognition of the equivalence of the credits.

In addition, those students admitted - after the selection process - to the "Creating a Company" orientation, must add one extra course to their programme for (a maximum of) 9 credits. This "Creating a Company" orientation is spread over the third year of the Bachelor's and over the two years of the master's of Business Engineering.

INGE1BA Programme

Detailed programme by subject

- 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...)

Year

1 2 3

Content:

Formation pluridisciplinaire en sciences humaines (18 credits)

● LESPO1113	Sociology and Anthropology of the Contemporary Worlds	Joseph Amougou Elisabeth Defreyne Hugues Draelants	[FR] [q1 or q2] [40h] [5 Credits] 🌐	X		
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Cours au choix (5 credits)

1 parmi

✘ LESPO1114	Political Science	Jehan Bottin (compensates Pierre Baudewyns Min Reuchamps	[EN] [q1 or q2] [30h] [5 Credits] 🌐	X		
✘ LCOPS1124	Philosophy	Sylvain Camilleri Nathalie Frogneux Yoann Malinge	[FR] [q2] [30h] [5 Credits] 🌐	X		
✘ LCOPS1125	Psychology and Social Psychology	Coralie Buxant Olivier Corneille Karl-Andrew Wolfin	[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 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.

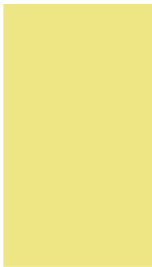
In addition, when the jury validates a student's individual programme at the beginning of the year, it ensures its coherence, meaning that it may:

- 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

LALLE1332	"Deutsch Mittelstufe II" has prerequisite(s) LALLE1230 <ul style="list-style-type: none"> • LALLE1230 - Deutsch Mittelstufe I
LANGL1332	"Anglais des affaires" has prerequisite(s) LANGL1330 <ul style="list-style-type: none"> • LANGL1330 - English intermediate level - 1st part
LECGE1212	"Macroéconomie" has prerequisite(s) LINGE1114 <ul style="list-style-type: none"> • LINGE1114 - Mathematics I: analysis
LECGE1222	"Microéconomie" has prerequisite(s) LINGE1114 <ul style="list-style-type: none"> • LINGE1114 - Mathematics I: analysis
LECGE1330	"Industrial organization" has prerequisite(s) LANGL1330 ET LINGE1114 <ul style="list-style-type: none"> • LANGL1330 - English intermediate level - 1st part • LINGE1114 - Mathematics I: analysis
LESPA1332	"Espagnol pour Sciences économiques, deuxième partie (B1.1 - B1.2)" has prerequisite(s) LESPA1230 <ul style="list-style-type: none"> • LESPA1230 - General Spanish for Economics (1st part)
LESPO1321	"Economic, Political and Social Ethics" has prerequisite(s) LANGL1330 <ul style="list-style-type: none"> • LANGL1330 - English intermediate level - 1st part
LINGE1213	"Physique II" has prerequisite(s) LINGE1114 <ul style="list-style-type: none"> • LINGE1114 - Mathematics I: analysis
LINGE1214	"Statistique approfondie" has prerequisite(s) LINGE1113 <ul style="list-style-type: none"> • LINGE1113 - Probability
LINGE1216	"Management sciences : modèles déterministes" has prerequisite(s) LINGE1114 <ul style="list-style-type: none"> • LINGE1114 - Mathematics I: analysis
LINGE1221	"Econométrie" has prerequisite(s) LINGE1113 <ul style="list-style-type: none"> • LINGE1113 - Probability
LINGE1222	"Analyse statistique multivariée" has prerequisite(s) LINGE1113 <ul style="list-style-type: none"> • LINGE1113 - Probability
LINGE1316	"Production and Operations management" has prerequisite(s) LANGL1330 ET LINGE1114 <ul style="list-style-type: none"> • LANGL1330 - English intermediate level - 1st part • LINGE1114 - Mathematics I: analysis
LINGE1317	"Recherche et développement technologique : énergie, électronique et télécommunications" has prerequisite(s) LINGE1115 ET LINGE1122 <ul style="list-style-type: none"> • LINGE1115 - Chemistry (Part 1) • LINGE1122 - Physics 1
LINGE1327	"Recherche et développement technologique : mécanique, procédés chimiques et matériaux" has prerequisite(s) LINGE1115 ET LINGE1122 <ul style="list-style-type: none"> • LINGE1115 - Chemistry (Part 1) • LINGE1122 - Physics 1
LNEER1332	"Algemeen en economisch Nederlands - Intermediair niveau deel 2" has prerequisite(s) LNEER1230 <ul style="list-style-type: none"> • LNEER1230 - General Dutch - Intermediate level - part 1



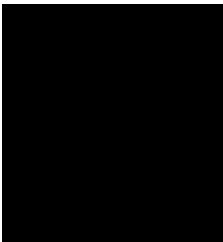
INGE1BA - 2ND ANNUAL UNIT

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Content:**o Economie**

● LECGE1212	Macroeconomics ■	Fabio Mariani Francesca Monti	(FR) [q1 or q2] [45h +15h] [5 Credits] 🌐
● LECGE1222	Microeconomics ■	Arastou Khatibi Arastou Khatibi (compensates)	




conomic Law and Taxation

Patrick De Wolf
Michel De Wolf

50 [q1]
[60h] [5
Credits] 

LANGL1332

Business English 

INGE1BA - 3RD 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 Formation pluridisciplinaire en sciences humaines**

○ LESPO1321	Economic, Political and Social Ethics ■	Pierre André	EN [q2] [30h] [3 Credits] 🌐
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o Economie

○ LECGE1330	Industrial organization ■	Paul Belleflamme	EN [q1] [30h +15h] [5 Credits] 🌐
○ LINGE1221	Econometrics ■	Sébastien Van Bellegem	EN [q2] [30h +15h] [5 Credits] 🌐

o Gestion

○ LINGE1321	Marketing	Vincenzo Verardi	EN [q2] [30h +15h] [5 Credits] 🌐
○ LINGE1315	Finance	Philippe Grégoire Prabal Shrestha (compensates Philippe Grégoire)	EN [q1] [30h +15h] [5 Credits] 🌐
○ LINGE1224	Human Management	Edina Dóci	EN [q2] [30h +15h] [5 Credits] 🌐 > French- friendly
○ LINGE1316	Production and Operations management ■		



INGE1BA - 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](#) 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 2024-2025, you must have obtained your diploma during the academic years 2021-2022, 2022-2023 ou 2023-2024. In the French Community of Belgium, the academic year runs from September 14 to September 13
 - not already hold an undergraduate degree
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- 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 \(fr\)](#).

- Access to **Bachelor of Science in Business Engineering**

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.

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".

Ongoing evaluation : exercises and personal pieces of work

Written and oral exams

Possible trainings at the end of the programme

Positioning of the programme within the University cursus

The bachelor's degree entitles direct access to the master's of Business Engineering, as well as to the [Master \[120\] in Human Resources Management](#), the [Master \[120\] in Data Science : Statistic](#), the [Master \[120\] in Actuarial Science](#), the [Master \[120\] in Statistics: General](#) et the [Master \[120\] in Business Management](#) co-graduated with ICHEC.

To be able to access the master's of Business Engineering, the student needs to have completed an "initiation to labour employment", and to have drafted an analytical report on the subject. This initiation comprises one week of mainly manual work experience in an entrepreneurial or associative environment (outside of the programme).

Other studies available upon completion of the programme

The bachelor's degree in Business Engineering entitles access to the master's organised by the other departments of the Faculty of Economics, Social and Political Sciences or by other Faculties, subject to respect of the conditions and prerequisites specified by the bodies responsible for organising the programme in question. In the case of lacking credits, these may be made up either by being added to the master's programme (if the number of lacking credits does not surpass 15), or by the completion of a complementary/preparatory programme before embarking on the master's.

Contacts

Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

SSH/ESPO/SESP

(SESP)

Faculty of Economic, Social and Political Sciences and Communication (ESPO)

Human Sciences (SSH)

SESP

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1348 Louvain-la-Neuve

Tel: +32 (0) 10 47 41 16 - Fax: +32 (0) 10 47 45 61

Academic supervisor: [Philippe Grégoire](#)

Jury

- Président du jury: [Sébastien Van Bellegem](#)
- Secrétaire du jury: [Philippe Grégoire](#)

Useful Contact(s)

- Conseillère aux études: [Géraldine Carette](#)

