

INGE1BA

2014 - 2015

Bachelor in Business Engineering

At Louvain-la-Neuve - 180 credits - 3 years - Day schedule - In frenchDissertation/Graduation Project : **NO** - Internship : **NO**Activities in English: **YES** - Activities in other languages : **NO**Activities on other sites : **NO**Organized by: **Faculté des sciences économiques, sociales, politiques et de communication (ESPO)**Programme code: **inge1ba** - European Qualifications Framework (EQF): 6**Table of contents**

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INGE1BA - Introduction

Introduction

INGE1BA - Teaching profile

Learning outcomes

Students enrolled on the Bachelor in Business Engineering programme are readying themselves to tackle the Master in Business Engineering so that, on completion of the Master's programme, they can **"become socially responsible and enterprising management experts, having mastered the technological and industrial aspects as well as innovation"**.

The Bachelor in Business Engineering programme enables the students to gradually acquire the knowledge and skills required to take on the role of decision-maker within an organisation/company, including the ability to communicate and liaise between management positions and science and technology-related roles.

To this end, the Bachelor in Business Engineering programme enables graduates to acquire a broad base of knowledge and skills in the field of management sciences, as well as in quantitative methods, science and technology, and economic, human & social sciences. The Bachelor graduates will have developed their skills in critical analysis and thinking and in the use of decision-making tools, with a solid grounding in economic, social and organisational reality through active teaching based on the study of real-life problems. This also includes the development of independent working and teamwork abilities, as well as specific communication and creativity skills.

In addition, on successful completion of a Bachelor's course in the Faculty of Economic, Social and Political Sciences and Communication (ESPO), graduates will have developed:

- a multidisciplinary approach enabling them to question, in a substantiated and precise manner, a phenomenon or issue related to the field of human sciences;
- an academic approach based on scientific research and a robust and critical methodology;
- their communication skills in French and two other languages;
- a way of thinking that is respectful of ethical and civic values.

During the three-year Bachelor course, students will have demonstrated growing independence. They will have developed their training projects and, on completion of the Bachelor programme, will continue their training in a specific Master's course, with a view to building their personal and professional projects.

On successful completion of this programme, each student is able to :

On completion of this programme, graduates, like all Bachelors of the Faculty of Economic, Social and Political Sciences and Communication, will be able to:

AAC1. Demonstrate a command of and apply the fundamental know-how (knowledge, models, theories, concepts) of the discipline(s) at the heart of their course and its areas of application in order to understand human beings in society and all of the relationships, organisations and institutions in which they are involved.

AAC1.1. Demonstrate the acquisition and a critical understanding of an in-depth knowledge base (knowledge, models, theories, concepts) in the discipline (s) for their course (referred to as the "major" at the Louvain-la-Neuve campus) and its areas of application.

AAC1.2. Understand, explain and analyse, in a critical manner and using the discipline's knowledge base, various issues related to their studies.

AAC2. Master and implement the fundamentals of an academic (based on scientific research and rigorous methodology) and epistemological approach to examine in greater detail issues/phenomena related to the discipline(s) involved in their studies.

- **Analyse all the knowledge acquired in epistemological terms (AAC2.1. and AAC2.2.).**
- **Demonstrate command of the fundamentals of a scientific and methodological approach based on rigorous research (AAC2.3. to AAC2.6.).**

AAC2.1. Adopt an attitude of critical detachment with regard to knowledge, knowledge-building processes and practices related to the field of their course of study.

AAC2.2. Put up for discussion various paradigms (or conceptual approaches) to approach, interpret and analyse (debate) a phenomenon/issue related to the discipline of their course of studies.

AAC2.3. Identify and select the most appropriate publications and methods (questioning their validity and pertinence) to analyse an issue relating to the discipline(s) of their course of studies.

AAC2.4. Develop a critical and reflective analysis of the information and publications (in French and English) the students will encounter during their time at the university and create a pertinent summary in accordance with the basic rules of scientific communication with regard to the issue studied.

AAC2.5. Display a command of and robustly apply the main qualitative and quantitative methods relating to the discipline(s) of their course of studies.

AAC2.6. Conduct an independent personal study: develop an informed analysis, a logically presented argument and a well-founded personal view.

AAC3. Develop a personal discussion paper drawing on input (theories, concepts, approaches, etc.) from different disciplines to question and discuss in a robust and open manner a phenomenon/issue relating to the field of human sciences.

AAC3.1. Demonstrate knowledge and a critical understanding of the concepts and theories of the main disciplines related to human and social sciences (including: economics, philosophy, law, history, social anthropology, political science and management).

AAC3.2. Approach, question and discuss a phenomenon/issue related to the field of human sciences from multidisciplinary analytical perspectives, adopting a critical and discerning attitude with regard to the limitations of each discipline and their interrelations.

AAC3.3. Demonstrate a command and critical understanding of comprehensive knowledge in discipline(s) other than those related to their course of studies (discipline(s) related to the choice of minor subjects for programmes at Louvain-la-Neuve).

AAC4. Communicate and collaborate, verbally and in writing in French and two other languages, adapting their approach to suit the audience and the context so as to integrate into an international context.

AAC4.1. Communicate verbally and in writing on complex subjects (information, thoughts and conclusions, as well as the underlying knowledge and principles) in a clear, structured and well-argued manner according to the communication standards specific to the context, adapting the presentation to suit the target audience and intended purpose.

AAC4.2. For 2 languages other than French* (English and Dutch or German or Spanish): communicate verbally and in writing in a clear, coherent, fluent and well-argued manner on general topics or on issues related to the field of studies; identify the differences and similarities between the target culture (related to the language in question) and the original culture, and use appropriate strategies to communicate with representatives of the target culture.

* For English (all language competencies), Level B2 of the Common European Framework of Reference.

For Dutch, Spanish or German: some language skills at Level B1 and some at Level B2 of the European Common Framework of Reference.

AAC4.3. Work as part of a team: interact, collaborate and organise themselves efficiently within a team and manage group relationships.

AAC4.4. Communicate effectively and respectfully while tailoring the communication method to the audience (peers, teachers, administrative staff, socio-professional representatives), demonstrating empathy, assertiveness and the listening skills.

AAC5. Act independently as critical and responsible stakeholders observing ethical and civic values, having created their training projects with a view to continuing their personal and professional development.

AAC5.1. Demonstrate independence throughout their training: manage their work independently (define priorities, anticipate and plan their activities in good time), demonstrate critical detachment with regard to their own knowledge, learning methods and achievements and incorporate new knowledge and skills independently according to the situations that arise.

AAC5.2. Apply the acquired knowledge in a critical manner so as to adopt a stance and act responsibly while observing ethical and civic values.

AAC5.3. Develop a training project and move towards an "informed/enlightened" professional project: plan for a Master's course consistent with the discipline of their course of studies (or if necessary with a logical change of major), having identified the fields in which they intend to pursue their professional careers.

More specifically, as Bachelors of Business Engineering, the students will be able to:

AAS1. Display an active command of a knowledge base in the different disciplines (economic sciences, management sciences, quantitative methods, science and technology, human sciences and law) essential for the analysis of issues in the different fields of management.

AAS1.1. Display a command of the fundamental concepts and basic theories in each of the management fields (finance, marketing, operational research, human resources, strategy, etc).

AAS1.2. Display command of a knowledge base in the field of human sciences, and more specifically in economic sciences.

AAS1.3. Display command of a knowledge base in the fields of mathematics, quantitative methods in economics and management, and information technology/algorithms.

AAS1.4. Display command of a knowledge base in the field of law, and more specifically the legislative rules governing all economic activities.

AAS1.5. Display command of a knowledge base in the field of science and technology (chemistry, physics and technological applications).

AAS1.6. Combine knowledge from different disciplines to resolve a basic real-life management problem or analyse a socio-economic phenomenon.

AAS2. Adopt a scientific approach, developing a robust argument and using specific analytical skills to analyse management problems and situations.

AAS2.1. Use robust, clear and structured analytical judgment in applying conceptual frameworks and scientifically well-founded models to describe and analyse a problem, using a relevant paradigm.

AAS2.2. Collect, select and analyse pertinent information using proven statistical processing methods.

AAS2.3. Model a real-life situation using scientifically valid models in a robust and reflective manner, analysing the validation theories.

AAS2.4. Analyse and interpret results or proposals to produce a well-argued critique of an issue related to economics or management.

AAS2.5. Demonstrate analytical ability (validity and pertinence) in the collecting of information sources and accuracy in referencing them.

AAS2.6. Communicate their analyses and results in a professional manner: prepare and deliver oral presentations and professional reports using specialist software and creating relevant charts and graphs, complying with scientific and technical standards, in line with the messages to be communicated.

AAS2.7. Demonstrate diligence at each stage of the scientific process.

AAS3. Compare different rationales and logics of action to understand and analyse a real situation in an organisation/business.

AAS3.1. Understand the internal functioning of an organisation/business of limited size and complexity.

AAS3.2. Position and understand this operation within its socio-economic context and identify the interdisciplinary issues.

AAS3.3. Use interdisciplinary knowledge (combine the concepts of different fields and compare different action rationales), including technologies and quantitative knowledge, to understand and model a real-life problem of a business or organisation of limited size and complexity.

AAS3.4. Use specialist software from different fields to resolve a management problem.

AAS3.5. Experience the reality of working in a business or organisation through a work placement.

AAS4. Organise and complete a joint project taking account of predefined objectives and constraints.

AAS4.1. Organise the process: as part of a group and according to predefined objectives, plan and develop all stages of a project and work together after dividing up the tasks.

AAS4.2. Contribute to the progress of the project and the success of the team by sharing information and expertise in order to achieve the intended objective.

AAS4.3. Recognise and take into account the diverse viewpoints of team members.

AAS4.4. Become part of a dynamic of change and demonstrate creativity in proposing original and useful ideas.

AAS5. Develop a personal and socially responsible viewpoint by taking a well-argued and critical personal position on contemporary socio-economic, technological and environmental issues.

AAS5.1. Situate debates and schools of thought related to economics and management in a historical perspective.

AAS5.2. Develop a well-argued and analytical approach, adopting a socially responsible attitude, to the development of contemporary socio-economic, technological and environmental issues (including the impact of management, production, technological and innovation processes).

AAS5.3. Have a critical understanding of 21st century issues, particularly the interrelations between ecological, social and economic crises.

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 Detailed programme

Programme by subject

o Formation pluridisciplinaire en sciences humaines (20 crédits)

o LESPO1113	Sociology and Anthropology of the Contemporary Worlds <i>au Q1 chez H. Draelants</i>	Jean De Munck, Matthieu de Nanteuil, Hugues Draelants, Grégoire Lits (compensates Jean De Munck)	40h	5 Credits	1 ou 2q	x			
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o Cours au choix (5 crédits)

1 parmi

o LCOPS1125	Psychology and Social Psychology <i>au Q2 chez G. Lories</i>	Coralie Buxant (compensates Olivier Corneille), Olivier Corneille, Guy Lories, Gordy Pleyers	30h	5 Credits	2q	x			
o LCOPS1124	Philosophy <i>au Q2 chez D. Lories</i>	Nathalie Frogneux, Danielle Lories, Stéphane Mercier (compensates Danielle Lories), Christophe Perrin	30h	5 Credits	1 ou 2q	x			
o LESPO1114	Political Science <i>au Q2 chez V. Legrand</i>	Pierre Baudewyns, Vincent Legrand, Gaëlle Pellon, Min Reuchamps	30h	5 Credits	1 ou 2q	x			
o LINGE1125	Study Skills Seminar in management	Evelyne Léonard, Silvia Mostaccio, Laurent Taskin (compensates Evelyne Léonard)	30h+15h	5 Credits	1 + 2q	x			
o LESPO1321	Economic, Political and Social Ethics	Philippe Van Parijs	20h+10h	3 Credits	1q				x

o Sciences religieuses (2 crédits)

1 parmi

o LTECO2201	Questions of religious sciences: biblical readings	Hans Ausloos	15h	2 Credits	2q		x		
o LTECO2202	Questions of religious sciences: reflections about christian faith	Benoît Bourguine	15h	2 Credits	1q		x		
o LTECO2203	Questions of religious sciences: questions about ethics	Serge Maucq	15h	2 Credits	2q		x		

o Droit (10 crédits)

o LESPO1122	Foundations of Law <i>au Q2 chez C. Bruls</i>	Diane Bernard, Nicolas Bonbled, Céline Romainville, Thibaut Slingeneyer	40h	5 Credits	1 ou 2q	x			
o LECGE1221	Commercial law and taxation	Patrick De Wolf, Michel De Wolf	60h	5 Credits	2q		x		

o Economie (25 crédits)

o LECGE1115	Political Economics <i>au Q1 chez P. Dehez</i>	Paul Belleflamme, Pierre Dehez, Jean Hindriks, Mélanie Lefèvre (compensates Paul Belleflamme), Rigas Oikonomou	45h+15h	5 Credits	1q	x			
o LECGE1222	Microeconomics	François Maniquet, Eve Ramaekers	45h+15h	5 Credits	1q		x		

o Cours au choix (5 crédits)

1 parmi

o LECGE1331	European Economy	Arastou Khatibi	30h+15h	5 Credits	2q		x		
o LECGE1212	Macroeconomics	Fabio Mariani	45h+15h	5 Credits	1q		x		

						Year		
						1	2	3
○ LECGE1330	Industrial organization	Paul Belleflamme	30h+15h	5 Credits	1q			x
○ LINGE1221	Econometrics	Christian Hafner	30h+15h	5 Credits	2q			x

o Gestion (38 credits)

○ LECGE1113	Accounting I	Karine Cerrada Cristia, Yves De Rongé, Michel De Wolf	45h+15h	5 Credits	1q	x		
○ LECGE1317	Organisational Theory	Matthieu de Nanteuil	30h	4 Credits	1q		x	
○ LECGE1219	Accounting II and analysis of financial statements	Yves De Rongé (coord.), Michel De Wolf	45h+15h	5 Credits	2q		x	
○ LINGE1321	Marketing	Chantal de Moerloose	30h+15h	5 Credits	2q			x
○ LINGE1315	Finance	Philippe Grégoire	30h+15h	5 Credits	1q			x
○ LINGE1224	Human Management	Laurent Taskin	30h+15h	5 Credits	2q			x
○ LINGE1316	Production and Operations management	Per Joakim Agrell, Pierre Semal	30h+15h	5 Credits	1q			x
○ LECGE1315	Business Strategy <i>au Q1 chez A. Vas</i>	Vincent Meurisse, Nicolas Neysen, Alain Vas	20h+10h	4 Credits	1 ou 2q			x

o Sciences et technologie (25 credits)

○ LINGE1122	Physics 1	Giacomo Bruno	40h+20h	5 Credits	2q	x		
○ LINGE1115	Chemistry (Part 1)	Bernard Tinant	50h+10h	5 Credits	1q	x		
○ LINGE1213	Physics	Laurent Francis, Piotr Sobieski	30h+30h	4 Credits	1q		x	
○ LINGE1223	Chemistry	Agnès Gnagnarella, Bernard Tinant	20h+10h	3 Credits	2q		x	
○ LINGE1317	Research and technological development: energy, electronics and telecommunications	Hervé Jeanmart (coord.), Benoît Macq	32.5h +7.5h	4 Credits	1q			x
○ LINGE1327	Research and technological development: mechanical, chemical and materials	Paul Fisette, Bernard Nysten	32.5h +7.5h	4 Credits	2q			x

o Méthodes quantitatives (36 credits)

○ LINGE1113	Probability	Johan Segers	30h+15h	4 Credits	2q	x		
○ LINGE1114	Mathematics I: analysis	Cécile Coyette	30h+30h	5 Credits	1q	x		
○ LINGE1121	Mathematics II: algebra and matrix calculus	Tom Claeys	30h+30h	5 Credits	2q	x		
○ LINGE1214	Further Statistics	Christian Hafner	30h+15h	4 Credits	1q		x	
○ LINGE1222	Multivariate Statistical Analysis	Johan Segers	30h+15h	4 Credits	2q		x	
○ LINGE1216	Management Science: Deterministic models	Philippe Chevalier, Mathieu Van Vyve	30h+15h	5 Credits	2q		x	
○ LINGE1225	Algorithms and Programming in Economics and Management	Marco Saerens	22.5h +22.5h	4 Credits	1q		x	
○ LINGE1322	Computer science: Analysis and Design of Information Systems	Jean Vanderdonckt	30h+15h	5 Credits	2q			x

o **Languages (26 credits)**

o LANGL1330	English intermediate level - 1st part au Q1	Catherine Avery (compensates Charlotte Peters), Timothy Byrne, Estelle Dagneaux, Eléonore de broux, Aurélié Deneumoustier, Fanny Desterbecq, Marie Duelz, Dominique François, Marielle Henriët, Carlo Lefevre, Sandrine Mulkers (coord.), Charlotte Peters, Marc Piwnik (coord.), Nevin Serbest, Colleen Starrs, Anne-Julie Toubeau, Albert Verhaegen	30h	3 Credits	1 ou 2q	x		
o LANGL1332	Business English	Ahmed Adriouèche, Aurélié Deneumoustier, Fanny Desterbecq, Sandrine Meirlaen, Sandrine Mulkers, Adrien Pham (coord.), Marc Piwnik, Albert Verhaegen (coord.)	60h	5 Credits	1 + 2q		x	
o LANGL1532	English for Business Students (Upper-Intermediate level)	Catherine Avery (compensates Charlotte Peters), Stéphanie Brabant, Nicholas Gibbs (compensates Katherine Opello), Marielle Henriët (coord.), Sandrine Meirlaen, Philippe Neyt, Katherine Opello, Charlotte Peters, Françoise Stas	60h	5 Credits	1 + 2q			x

o **Deuxième langue étrangère**

L'étudiant choisit et garde la même langue tout au long de son programme de bachelier

⊗ LALLE1230	Deutsch Mittelstufe I	Caroline Klein, Ann Rinder	30h	3 Credits	2q	x		
⊗ LESPA1230	Spanish - Intermediate level (1st part)	Oswaldo Serey Mendoza (coord.)	30h	3 Credits	2q	x		
⊗ LNEER1230	General Dutch - Intermediate level - part 1 au Q2	Hilde Bosmans, Hilde Bufkens, Valérie Dachy (coord.), Katrien De Rycke, Isabelle Demeulenaere, Sara Jonkers, Caroline Klein, Marie- Laurence Lambrecht, An Neven, Chloé Reuliaux, Lutgarde Schrijvers, Mariken Smit, Marie-Paule Vanelderden, Marianne Verhaert	30h	3 Credits	1 ou 2q	x		
⊗ LALLE1331	German Intermediate II	Ann Rinder	60h	5 Credits	1 + 2q		x	
⊗ LESPA1332	Spanish for Economics - Intermediate level (part2)	Oswaldo Serey Mendoza	60h	5 Credits	1 + 2q		x	

							Year		
							1	2	3
⌘ LNEER1332	Intermediate Dutch for business studies	Hilde Bosmans (coord.), Hilde Bufkens, Valérie Dachy, Katrien De Rycke, Isabelle Demeulenaere, Jolien Evers (compensates An Neven), Sara Jonkers (compensates Isabelle Demeulenaere), Marie-Laurence Lambrecht, An Neven, Mariken Smit	60h	5 Credits	1 + 2q		x		
⌘ LALLE1532	Business German - B2 Level	Virginie Godin	60h	5 Credits	1 + 2q			x	
⌘ LESPA1532	Spanish - Advanced level	Osvaldo Serey Mendoza (coord.)	60h	5 Credits	1 + 2q			x	
⌘ LNEER1532	Interactive economic Dutch - higher intermediate level	Hilde Bosmans, Katrien De Rycke, Marie Van Reet, Marianne Verhaert (coord.)	60h	5 Credits	1 + 2q			x	

Programme type

INGE1BA - 1ST ANNUAL UNIT

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Formation pluridisciplinaire en sciences humaines

○ LESPO1113	Sociology and Anthropology of the Contemporary Worlds <i>au Q1 chez H. Draelants</i>	Jean De Munck, Matthieu de Nanteuil, Hugues Draelants, Grégoire Lits (compensates Jean De Munck)	40h	5 Credits	1 ou 2q
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o Cours au choix

1 parmi

⊗ LCOPS1125	Psychology and Social Psychology <i>au Q2 chez G. Lories</i>	Coralie Buxant (compensates Olivier Corneille), Olivier Corneille, Guy Lories, Gordy Pleyers	30h	5 Credits	2q
⊗ LCOPS1124	Philosophy <i>au Q2 chez D. Lories</i>	Nathalie Frogneux, Danielle Lories, Stéphane Mercier (compensates Danielle Lories), Christophe Perrin	30h	5 Credits	1 ou 2q
⊗ LESPO1114	Political Science <i>au Q2 chez V. Legrand</i>	Pierre Baudewyns, Vincent Legrand, Gaëlle Pellon, Min Reuchamps	30h	5 Credits	1 ou 2q
○ LINGE1125	Study Skills Seminar in management	Evelyne Léonard, Silvia Mostaccio, Laurent Taskin (compensates Evelyne Léonard)	30h+15h	5 Credits	1 + 2q

o Droit

○ LESPO1122	Foundations of Law <i>au Q2 chez C. Bruls</i>	Diane Bernard, Nicolas Bonbled, Céline Romainville, Thibaut Slingeneyer	40h	5 Credits	1 ou 2q
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o Economie

○ LECGE1115	Political Economics <i>au Q1 chez P. Dehez</i>	Paul Belleflamme, Pierre Dehez, Jean Hindriks, Mélanie Lefèvre (compensates Paul Belleflamme), Rigas Oikonomou	45h+15h	5 Credits	1q
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o Gestion

○ LECGE1113	Accounting I	Karine Cerrada Cristia, Yves De Rongé, Michel De Wolf	45h+15h	5 Credits	1q
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o Sciences et technologie

○ LINGE1122	Physics 1	Giacomo Bruno	40h+20h	5 Credits	2q
○ LINGE1115	Chemistry (Part 1)	Bernard Tinant	50h+10h	5 Credits	1q

o Méthodes quantitatives

○ LINGE1113	Probability	Johan Segers	30h+15h	4 Credits	2q
○ LINGE1114	Mathematics I: analysis	Cécile Coyette	30h+30h	5 Credits	1q
○ LINGE1121	Mathematics II: algebra and matrix calculus	Tom Claeys	30h+30h	5 Credits	2q

o Langues

○ LANGL1330	English intermediate level - 1st part au Q1	Catherine Avery (compensates Charlotte Peters), Timothy Byrne, Estelle Dagneaux, Eléonore de broux, Aurélie Deneumoustier, Fanny Desterbecq, Marie Duelz, Dominique François, Marielle Henriet, Carlo Lefevre, Sandrine Mulkers (coord.), Charlotte Peters, Marc Piwnik (coord.), Nevin Serbest, Colleen Starrs, Anne-Julie Toubeau, Albert Verhaegen	30h	3 Credits	1 ou 2q
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o Deuxième langue étrangère

L'étudiant choisit et garde la même langue tout au long de son programme de bachelier

⊗ LALLE1230	Deutsch Mittelstufe I	Caroline Klein, Ann Rinder	30h	3 Credits	2q
⊗ LESPA1230	Spanish - Intermediate level (1st part)	Osvaldo Serey Mendoza (coord.)	30h	3 Credits	2q
⊗ LNEER1230	General Dutch - Intermediate level - part 1 au Q2	Hilde Bosmans, Hilde Bufkens, Valérie Dachy (coord.), Katrien De Rycke, Isabelle Demeulenaere, Sara Jonkers, Caroline Klein, Marie- Laurence Lambrecht, An Neven, Chloé Reuliaux, Lutgarde Schrijvers, Mariken Smit, Marie-Paule Vanelderden, Marianne Verhaert	30h	3 Credits	1 ou 2q

INGE1BA - 2ND ANNUAL UNIT

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Formation pluridisciplinaire en sciences humaines**o Sciences religieuses**

1 parmi

⊗ LTECO2201	Questions of religious sciences: biblical readings	Hans Ausloos	15h	2 Credits	2q
⊗ LTECO2202	Questions of religious sciences: reflections about christian faith	Benoît Bourguine	15h	2 Credits	1q
⊗ LTECO2203	Questions of religious sciences: questions about ethics	Serge Maucq	15h	2 Credits	2q

o Droit

○ LECGE1221	Commercial law and taxation	Patrick De Wolf, Michel De Wolf	60h	5 Credits	2q
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o Economie

○ LECGE1222	Microeconomics	François Maniquet, Eve Ramaekers	45h+15h	5 Credits	1q
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o Cours au choix

1 parmi

⊗ LECGE1331	European Economy	Arastou Khatibi	30h+15h	5 Credits	2q
⊗ LECGE1212	Macroeconomics	Fabio Mariani	45h+15h	5 Credits	1q

o Gestion

○ LECGE1317	Organisational Theory	Mathieu de Nanteuil	30h	4 Credits	1q
○ LECGE1219	Accounting II and analysis of financial statements	Yves De Rongé (coord.), Michel De Wolf	45h+15h	5 Credits	2q

o Sciences et technologie

○ LINGE1213	Physics	Laurent Francis, Piotr Sobieski	30h+30h	4 Credits	1q
○ LINGE1223	Chemistry	Agnès Gnagnarella, Bernard Tinant	20h+10h	3 Credits	2q

o Méthodes quantitatives

○ LINGE1214	Further Statistics	Christian Hafner	30h+15h	4 Credits	1q
○ LINGE1222	Multivariate Statistical Analysis	Johan Segers	30h+15h	4 Credits	2q
○ LINGE1216	Management Science: Deterministic models	Philippe Chevalier, Mathieu Van Vyve	30h+15h	5 Credits	2q
○ LINGE1225	Algorithms and Programming in Economics and Management	Marco Saerens	22.5h +22.5h	4 Credits	1q

o Langues

o LANGL1332	Business English	Ahmed Adriouèche, Aurélie Deneumoustier, Fanny Desterbecq, Sandrine Meirlaen, Sandrine Mulkers, Adrien Pham (coord.), Marc Pivnik, Albert Verhaegen (coord.)	60h	5 Credits	1 + 2q
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o Deuxième langue étrangère

L'étudiant choisit et garde la même langue tout au long de son programme de bachelier

⊗ LALLE1331	German Intermediate II	Ann Rinder	60h	5 Credits	1 + 2q
⊗ LESPA1332	Spanish for Economics - Intermediate level (part2)	Osvaldo Serey Mendoza	60h	5 Credits	1 + 2q
⊗ LNEER1332	Intermediate Dutch for business studies	Hilde Bosmans (coord.), Hilde Bufkens, Valérie Dachy, Katrien De Rycke, Isabelle Demeulenaere, Jolien Evers (compensates An Neven), Sara Jonkers (compensates Isabelle Demeulenaere), Marie- Laurence Lambrecht, An Neven, Mariken Smit	60h	5 Credits	1 + 2q

INGE1BA - 3RD ANNUAL UNIT

○ Mandatory

△ Courses not taught during 2014-2015

⊕ Periodic courses taught during 2014-2015

⊗ Optional

⊖ Periodic courses not taught during 2014-2015

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

○ Formation pluridisciplinaire en sciences humaines

○ LESPO1321	Economic, Political and Social Ethics	Philippe Van Parijs	20h+10h	3 Credits	1q
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○ Economie

○ LECGE1330	Industrial organization	Paul Belleflamme	30h+15h	5 Credits	1q
○ LINGE1221	Econometrics	Christian Hafner	30h+15h	5 Credits	2q

○ Gestion

○ LINGE1321	Marketing	Chantal de Moerloose	30h+15h	5 Credits	2q
○ LINGE1315	Finance	Philippe Grégoire	30h+15h	5 Credits	1q
○ LINGE1224	Human Management	Laurent Taskin	30h+15h	5 Credits	2q
○ LINGE1316	Production and Operations management	Per Joakim Agrell, Pierre Semal	30h+15h	5 Credits	1q
○ LECGE1315	Business Strategy <i>au Q1 chez A. Vas</i>	Vincent Meurisse, Nicolas Neysen, Alain Vas	20h+10h	4 Credits	1 ou 2q

○ Sciences et technologie

○ LINGE1317	Research and technological development: energy, electronics and telecommunications	Hervé Jeanmart (coord.), Benôit Macq	32.5h +7.5h	4 Credits	1q
○ LINGE1327	Research and technological development: mechanical, chemical and materials	Paul Fiset, Bernard Nysten	32.5h +7.5h	4 Credits	2q

○ Méthodes quantitatives

○ LINGE1322	Computer science: Analysis and Design of Information Systems	Jean Vanderdonck	30h+15h	5 Credits	2q
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○ Langues

○ LANGL1532	English for Business Students (Upper-Intermediate level)	Catherine Avery (compensates Charlotte Peters), Stéphanie Brabant, Nicholas Gibbs (compensates Katherine Opello), Marielle Henriët (coord.), Sandrine Meirlaen, Philippe Neyt, Katherine Opello, Charlotte Peters, Françoise Stas	60h	5 Credits	1 + 2q
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○ Deuxième langue étrangère*L'étudiant choisit et garde la même langue tout au long de son programme de bachelier*

⊗ LALLE1532	Business German - B2 Level	Virginie Godin	60h	5 Credits	1 + 2q
⊗ LESPA1532	Spanish - Advanced level	Oswaldo Serey Mendoza (coord.)	60h	5 Credits	1 + 2q

⊗ LNEER1532	Interactive economic Dutch - higher intermediate level	Hilde Bosmans, Katrien De Rycke, Marie Van Reet, Marianne Verhaert (coord.)	60h	5 Credits	1 + 2q
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INGE1BA - Information

Admission

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

- > [General requirements](#)
- > [Specific requirements](#)
- > [Knowledge of the French language exam](#)
- > [Special requirements](#)

General 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 (this qualification does not grant exemption from the [French language proficiency examination](#)), 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 no later than 14 July 2014 to the Equivalence department ([Service des équivalences](#)) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium.

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.

These two qualifications do not, however, provide automatic exemption from the [French language proficiency examination](#).

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 requirements

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.

Exam of knowledge of the French language

Anyone not demonstrating sufficient [French language proficiency](#) will not be admitted to the first-year undergraduate examinations.

Special requirements

- 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 must first sit an aptitude test.

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".

Continuous assessment: exercises and individual assignments

Written and oral examinations

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 any general master's in Economics or Business Economics.

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

Entite de la structure SESP

Acronyme	SESP
Dénomination	Bureau du premier cycle
Adresse	Place Montesquieu, 1 bte L2.08.08 1348 Louvain-la-Neuve Tél 010 47 41 16 - Fax 010 47 45 61
Secteur	Secteur des sciences humaines (SSH)
Faculté	Faculté des sciences économiques, sociales, politiques et de communication (ESPO)
Commission de programme	Bureau du premier cycle (SESP)

Academic Supervisor : [Marco Saerens](#)

Jury

Président du Jury de la 1^{ère} année : **Matthieu de Nanteuil**

Secrétaire du Jury de la 1^{ère} année : **Marie-Paule Kestemont**

Président du Jury des 2^{ème} et 3^{ème} années : **Jean Vanderdonckt**

Secrétaire du Jury des 2^{ème} et 3^{ème} années : **Philippe Chevalier**

Usefull Contacts

Conseillère aux études : **Cécile Delannay**

