

KU LEUVEN

FACULTY OF ECONOMICS AND BUSINESS

Leuven, Brussels Campus and Antwerp Campus, Belgium



**DEGREE PROGRAMMES
IN ECONOMICS AND BUSINESS
2023-2024**

KU Leuven. Inspiring the outstanding.

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WHY THE FACULTY OF ECONOMICS AND BUSINESS?

KU Leuven is a comprehensive university, ranked top 50 worldwide (Times Higher Education), and four years in a row topping Reuters ranking of Europe's most innovative universities.

The Faculty of Economics and Business is the largest of KU Leuven's 15 faculties with campuses in Leuven, Brussels, Antwerp and Kortrijk. The faculty prepares students for successful careers in the corporate world, in research and in national and international public policy-making bodies. It combines scientific rigour with professional competences to ensure high employability while also supporting students in their professional development.

In addition, the faculty acknowledges the importance of interdisciplinarity, combining a core in (business) economics with the domains of sciences and engineering, social sciences and law in its research and programme portfolio. Very few schools of economics and business have the faculty's breadth and quality of interdisciplinary activities.

Truly international

The faculty attracts students and scholars from across the globe. It has numerous agreements with leading universities and business schools both in Europe and overseas. Semester exchanges are possible in the bachelors, in the two-year master programmes and on top of the Master of Economics, Business Economics and Business Administration. Some programmes offer a double degree as well.

Do business in the heart of Europe

The faculty aims for excellence by offering research-based education in economics and business while staying in touch with the corporate world and government circles. The faculty interfaces with business via a Corporate Council and a wide network of fellows from the corporate world. It regularly organises workshops and discussion platforms with leaders of industry and government, including the European Commission.

YOUR EDUCATION, YOUR JOURNEY

Our extensive portfolio of programmes offers a breadth of choice and a depth of knowledge to match your talent, ambition and interests.

Undergraduate programmes

The faculty offers two English-language academic bachelor programmes: Bachelor of Business Administration and Bachelor of Business Engineering.

Graduate programmes

The faculty's range of eight English-language master's programmes and one advanced master's programme offers excellent, innovative teaching in a stimulating learning environment, with individual support and a strong international outlook. During your master's programme you can opt for a specialisation, an international experience and/or an internship.

We recommend that incoming students give careful consideration to the exact specifics of their study trajectory. However, if you have an academic degree, you should be able to find a match amongst our English-language master's programmes. We organise them in three clusters: Business Economics, Economics and Engineering for Business (p.6). Whatever your entry point, your chosen programme will kick-start your career and help you to achieve your ambitions, equipping you with the critical and integrative thinking needed for success in the contemporary business environment.

Bridging and preparatory programmes

If your academic degree does not guarantee direct admission to the master's programmes, you may be able to start the programme via a bridging programme or a preparatory programme (p. 17).

PROGRAMME OVERVIEW

Undergraduate programmes

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

→ BRUSSELS

DURATION

- 3 years (full-time), 180 ECTS

PROFILE

As a student of the Bachelor of Business Administration, you are interested in the world of business and you are looking for a well-rounded programme that provides you with academic knowledge as well as hands-on expertise. You share a strong interest in international business environments and economic developments. You also share a preference for a management-oriented approach that is science-based. Your interest in improving communication skills and foreign languages is considered an asset.

PROGRAMME

The Business Administration Bachelor's programme offers a wide range of subjects that covers management and its relevant subdisciplines (including management, marketing, finance, accounting, HRM, ICT). Business orientation is the leitmotiv in the programme, in which you develop skills that are important to business professionals: entrepreneurship, interdisciplinary thinking, management skills, languages, business contents and academic skills.

The Business Administration Bachelor's programme is taught in English, offers a range of tools to help you develop your mathematical skills and has a strong international focus. It is both hands-on and academic: it follows a practice-as-orientation and science-as-foundation approach. Furthermore, you are taught by researchers as well as business managers.

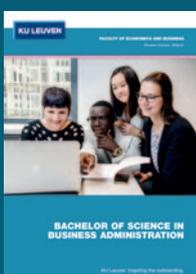


CAREER PERSPECTIVES

The majority of students continue their education in KU Leuven's Master of Business Administration programme in Antwerp or Brussels. Although many undergraduates go on to graduate-level studies, your degree certainly has value in its own right in today's job market. Graduates of the Bachelor of Business Administration hold various positions in areas that include financial management, accounting, consultancy, sales, human resources management, ICT and internet, logistics and distribution, and marketing and communications immediately after graduation. Graduates join (international) SMEs, (multinational) corporations, government departments, nonprofit and social profit organisations. Their responsibilities include analysing, implementing and monitoring business processes, leading to expert or leadership roles within an organisation.



More information
on our website



More detailed information is available online and in our bachelor brochure:
www.kuleuven.be/brochures/assets/businessadmin_brussel

BACHELOR OF SCIENCE IN BUSINESS ENGINEERING

→ BRUSSELS together with Campus Université Saint-Louis - Bruxelles

DURATION

- 3 years (full-time), 180 ECTS

PROFILE

As a business engineer, you are taught to analyse and solve business-related problems from a quantitative and managerial perspective. You will learn how companies function and how business activities should be organised in order to obtain optimal results. You will gain insight into the roles various business domains (including accountancy, financial management, marketing, operations management, human resources management, strategic management) play in organisations. The focus on management is combined with the continuous development of analytical and ICT skills, as well as a clear understanding of business processes. You will also acquire a business perspective on science and engineering (e.g. physics, electricity and electronics, materials science), to, for example, assess the impact of innovative technologies, or deal with energy consumption in a cost-effective manner. As a “global manager”, you are fascinated with the international and intercultural dimensions of business. The unique combination of business economics, science and technology will offer you the opportunity to cultivate a much sought after multidisciplinary approach towards business.

PROGRAMME

The Bachelor of Business Engineering focuses on managing and optimising business processes. You will become acquainted with business economics as well as the different functional domains in companies. You will learn how a company operates on a daily basis and how its processes are organised. Designing business processes is often at the core of the business engineer’s activities, e.g. in companies looking to launch or optimise a new production process, or make their service process run more efficiently. In doing so, you will pay attention to human behaviour and the social phenomena that determine the way we think and act. As you need to know how the economic world surrounding the organisation works, you will learn about important economic concepts and methods through economic analysis. Topics dealing with law and tax regulations are also part of the programme, given their impact on business processes.

In addition to advancing your managerial skills, you will also sharpen your analytical skills. You will master the necessary mathematical and statistical techniques to analyse business problems and work out optimal solutions (e.g. staff planning, organisation of a production process, sales predictions for the next quarter). You will also acquire a solid background in ICT skills and information management. As a business engineer, you need to know how companies can manage and analyse information. After an introduction to natural and applied sciences, you will understand critical technological processes and will be able to assess the impact of innovation on companies, their environment and sustainability. The combination of business economics, quantitative methods and technology offers you the opportunity to develop a unique multidisciplinary approach towards business, which makes the programme extremely relevant in today’s world. Moreover, the integration of all these disciplines is a priority in many companies. After all, many solutions to complex business problems require input from a variety of disciplines.

CAREER PERSPECTIVES

After obtaining the Bachelor’s degree in Business Engineering, you can continue your studies in this field by completing the Master’s degree in Business Engineering on the Leuven Campus. However, you are also prepared for many other Master’s degrees in Economics and Business with a strong quantitative focus. A degree in Business Engineering opens many doors in a wide range of sectors. Generally speaking, business engineers take up managerial functions in various business domains. They usually start their careers taking on expert positions within companies (e.g. banking and insurance, ICT, telecom, logistics), in research or in consulting services, and move up to executive functions. With a degree in Business Engineering, you are fit to join management in any department of a company or organisation. Moreover, a business engineer’s unique profile is very much appreciated by companies both in Belgium and abroad. Thanks to language courses and many opportunities to train your language skills at a foreign partner institution, you will be prepared to embark on an international career.



UCLouvain
SAINT-LOUIS BRUXELLES

More information
on our website



More detailed information is available online and in our bachelor brochure:
www.kuleuven.be/brochures/assets/businessengineering_brussel

Graduate programmes: choose the right master's programme

PROGRAMMES ARE GROUPED IN 3 SPECIALIST SUBJECT CLUSTERS:

CLUSTER 1: BUSINESS ECONOMICS

Business economics oriented master's programmes

YOUR PROFILE (1)

Academic degree in the field of economics or business

YOUR OPTIONS

- **MSc in Business Administration**
1 year (full-time), 60 ECTS
- **MSc in Business Economics**
1 year (full-time), 60 ECTS
- **MSc in Information Management**
1 year (full-time), 60 ECTS

YOUR PROFILE (2)

Academic degree in a field different from economics or business

YOUR OPTIONS

- **MSc in International Business Economics and Management**
1 year (full-time), 60 ECTS
- **MSc in Information Management**
1 year (full-time), 60 ECTS

CLUSTER 2: ECONOMICS

Economics oriented master's programmes

YOUR PROFILE

Academic degree in the field of economics

YOUR OPTIONS

- **MSc in Economics**
1 year (full-time), 60 ECTS
- **MSc in Advanced Studies in Economics**
1 year (full-time), 60 ECTS

CLUSTER 3: ENGINEERING FOR BUSINESS

Business Technology & Engineering master's programmes

YOUR PROFILE (1)

Academic degree (background in (business) economics, quantitative methods/technology/sciences and ICT)

YOUR OPTIONS

- **MSc in Business Engineering**
2 years (full-time), 120 ECTS
- **MSc in Business and Information Systems Engineering**
2 years (full-time), 120 ECTS

YOUR PROFILE (2)

Academic degree (strong background in mathematics and statistics and basic knowledge of economics and ICT)

YOUR OPTIONS

- **MSc in Actuarial and Financial Engineering**
2 year (full-time), 120 ECTS

Graduate programmes

CLUSTER 1 - BUSINESS ECONOMICS

For holders of an academic degree in the field of economics or business

MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

→ BRUSSELS, ANTWERP

DURATION

- 1 year (full-time), 60 ECTS
- optional third semester abroad

Students who do not have an applicable undergraduate degree are required to do the preparatory or bridging programme prior to the master's programme (p.17).

PROFILE

As a student of the Master of Business Administration, you have already obtained a general business background and are looking for a well-rounded master that allows you to tailor your programme to your personal interest and leverage your management skills. One year in a multicultural and truly international environment will benefit your personal development, will strengthen your international network and will offer you a head start in your career.

PROGRAMME

The Master of Business Administration allows students to tailor their programme according to their individual needs and career goals. The programme builds on solid academic knowledge as well as on hands-on experience. The programme's core courses focus on the development of leadership skills and the ethical, sustainability and corporate responsibility aspects of the business world. The track modules offer students the ability to focus on one specific management domain or develop their knowledge and skills in one general management track. The optional courses allow students to further deepen their knowledge within their track or to expand their knowledge base by choosing courses in other fields. The master's thesis and business research methods develop the student's research and analytical skills. The programme offers an optional internship and allows students to participate in business projects.

CAREER PERSPECTIVES

Graduates of the Master of Business Administration are well prepared to take up a management position in a wide range of national and international companies and sectors. A Master of Business Administration degree will give access to leading positions in purchasing, sales, marketing, production control, planning and budgeting, financial management, ICT, innovation, bank and insurance and civil service (including European institutions). Some graduates also become self-employed and launch their own companies, or take over the reins of a family business.

PROGRAMME

COURSES	ECTS
CORE COURSES	12
<ul style="list-style-type: none"> • Leadership and Behavioral Decision-Making • Ethics, Responsibility and Sustainability 	
MASTER'S THESIS	18
<ul style="list-style-type: none"> • Business Research Methods • Master's Thesis 	
TRACK MODULE	18*
Students choose one General Management or one Specialisation track.	
General Management Tracks*	
<ul style="list-style-type: none"> • Leadership and Change Management (B) • Sustainability Management (B) • Strategic Business Management (A) • Strategy, Innovation and Entrepreneurship (B) • International Business (A) • European and International Relations (B) • European Public Policy and Management (B) 	
Specialisation Tracks*	
<ul style="list-style-type: none"> • Accounting (B) • Business Information Management (B) • Corporate Finance (A) • International and Sustainable Finance (B) • International Marketing Management (A) • Strategic Marketing Management (B) • Global Logistics and Port Management (A) 	
ELECTIVES	12
Students choose 12 ECTS from elective courses or a business project or internship.	
* (A) = Antwerp / (B) = Brussels	

General Management Tracks*

Specialisation Tracks*

For detailed descriptions of the courses and for the course timetable, please consult

Antwerp Campus: www.kuleuven.be/ma/mbaa/programme

Brussels Campus: www.kuleuven.be/ma/mbabx/programme

More information
on our website



Graduate programmes

CLUSTER 1 - BUSINESS ECONOMICS

For holders of an academic degree in the field of economics or business

MASTER OF SCIENCE IN BUSINESS ECONOMICS

→ LEUVEN

DURATION

- 1 year (full-time), 60 ECTS
- optional third semester abroad

PROFILE

As a student in the Master of Business Economics, you have an entrepreneurial personality and a broad socio-economic interest. You have a solid background in macro- and microeconomics, mathematics and statistics. You have acquired the basic conceptual frameworks in the areas of management and business and you have a sufficiently broad view on the general economic and social contexts in which business operates and on the human networks within these organisations.

PROGRAMME

The Business Economics programme emphasises the acquisition of fundamental knowledge and skills in the selected specialisation, such as international business, strategy and innovation, entrepreneurship, accounting and financial management, financial economics and marketing. The programme is structured around the choice of a major and minor discipline, which allows you to fine-tune your personal graduation profile and to apply research and evidence-based management practices and tools in various domains.

CAREER PERSPECTIVES

Graduates of the Master of Business Economics have expertise in selecting best practices in management in today's volatile, complex and ambiguous business environments. They can pursue a career as auditor, entrepreneur, consultant, financial analyst, financial manager, project manager, sales manager, stockbroker or marketer. Graduates generally take up managerial and/or research positions in business, national and international institutions or universities. They are also well placed for entrepreneurship and start-up management. Given the variety of skills acquired, graduates will be highly sought after by a wide range of companies – from start-ups and small firms to multinational corporations – for a variety of positions and sectors in Belgium or abroad.

PROGRAMME

COURSES	ECTS
CORE COURSE	6
• Strategic Management	
MASTER'S THESIS	15
MAJORS	24
• Major 1: International Business, Strategy and Innovation	
International Business Strategy / International Management / Competitive Analysis and Strategy / Political Business Strategy / Economics of Global Innovation / Innovation Management and Strategy	
• Major 2: Entrepreneurship	
Entrepreneurship and New Business Development / The Foundations of Entrepreneurship / Organising for Entrepreneurship / Entrepreneurial Finance / Strategic IP Management / Intrapreneurship	
• Major 3: Financial Economics	
Credit and Banking / Business Finance / Macro-Finance / Investments	
• Major 4: Marketing	
Global, B2B & Service Marketing / Marketing Strategy Modelling / Digital Marketing / Brand Management / Socially Responsible Marketing	
• Major 5: Accounting and Financial Management	
International Accounting / Management Control and Cost Management / Introduction to Auditing and International Auditing Standards / International Business Finance / Financial Statement Analysis and Security Valuation / Strategic Financial Management	
MINORS	12
• Strategy and Innovation / International Business / Entrepreneurship / Marketing / Business Research / Production and Logistics / Economics / Informatics for Business Economics / Personnel and Organisation / Accounting and Financial Management	
ELECTIVE	3 or 6
Choose one elective course / internship / research project / social profit project	

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mbel/programme



More information
on our website

Graduate programmes

CLUSTER 1 - BUSINESS ECONOMICS

For holders of an academic degree in the field of economics or business

MASTER OF SCIENCE IN INFORMATION MANAGEMENT

→ LEUVEN

DURATION

- 1 year (full-time), 60 ECTS

PROFILE

As a student of the Master of Information Management, you are familiar with and interested in the basics of computer science and its business applications. Background knowledge of business economics is useful but not strictly necessary. In the programme you will acquire basic knowledge of business information systems, will learn to evaluate an information system, assess its economic merits and make appropriate technological choices. This enables you to develop an information strategy aligned with an organisation's corporate strategy.

PROGRAMME

The Information Management programme offers you advanced, non-technical training in information management. The multi-disciplinary programme provides basic training in technology as well as in-depth insights into specific management issues. The focus lies on analysing information needs, designing and managing information systems. This leads to conceptualising an IT-strategy that fits in with the overall business strategy, and ultimately in an effective information system serving the needs of the company.

CAREER PERSPECTIVES

Graduates of the Information Management programme are trained to gain leverage within a company through the strategic use of technology. The analysis and management of information, knowledge, processes and systems, in line with an overall business strategy, plays a bridging role between computer science and business. Qualities such as strong communication skills, teamwork and group management are therefore more essential than mere technological expertise. Graduates pursue careers as information analysts, project leaders and information technology strategists.

PROGRAMME

COURSES	ECTS
CORE COURSES	36
<ul style="list-style-type: none"> • Business Analysis • ICT Service Management • Architecture and Modelling of Management Information Systems • Data Science for Business • Business Information Systems • Principles of Database Management 	
MASTER'S THESIS	15
ELECTIVES	9
You supplement your programme with electives from the following modules:	
<ul style="list-style-type: none"> • Data Science • Software Engineering • Management 	

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mimel/programme

More information
on our website



Graduate programmes

CLUSTER 1 - BUSINESS ECONOMICS

For holders of an academic degree in a field different from business economics or management

MASTER OF SCIENCE IN INTERNATIONAL BUSINESS ECONOMICS AND MANAGEMENT

→ BRUSSEL

DURATION

- 1 year (full-time), 60 ECTS

Students who do not have direct access to the master's programme are required to do the preparatory programme (max. 24 ECTS) (p.17).

PROFILE

As a student of the Master of International Business Economics and Management, you hold at least an academic bachelor's or master's degree in a field other than business economics or management. You have a strong motivation to work in an international environment and you want to develop/pursue an international career. You aspire to a management position in an international company or organisation that is built on your prior background.

PROGRAMME

The International Business Economics and Management offers insight into all major disciplines related to the international business world, such as international economics, international business strategy, international strategic marketing, change management, international HRM, international corporate finance and management accounting. The focus is on critical thinking and problem-based learning in a multicultural and multidisciplinary environment. Moreover, through a range of testimonials from international managers, the opportunity for an internship and your participation in an international study visit, you will gain a good insight into the strategy and operations of multinational companies and organisations.

Our programme has joined forces with the University of Toulouse Capitole (Toulouse School of Management) in France to develop a double degree programme. Students in this programme study two semesters in Brussels and two semesters in Toulouse. Graduates of the double degree programme will be awarded a diploma from both universities, which gives them an edge in the increasingly integrated European labour market.

CAREER PERSPECTIVES

Graduates of the Master of International Business Economics and Management start their career in a variety of positions at international companies and organisations across a wide range of sectors. By combining their initial academic programme with this master's degree, graduates increase their chances on the labour market and their opportunities to advance to management positions in (inter)national companies and organisations.

PROGRAMME

COURSES	ECTS
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PREPARATORY PROGRAMME

Students without direct access are first introduced to the basics of business economics and management in an **intensive preparatory programme (max. 24 ECTS)** with a strong theoretical foundation. The programme is tailored to the individual student's background and exemptions are possible. Courses from the preparatory programme may be followed simultaneously with master's courses.

CORE COURSES	24
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- Principles of Managerial Economics
- Macro-economics and Economic Policy
- Introduction to Management
- Introduction to Financial Reporting
- Marketing
- Business Research Methods

MASTER OF SCIENCE IN INTERNATIONAL BUSINESS ECONOMICS AND MANAGEMENT

CORE COURSES	39
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- International Economics
- Corporate Social Responsibility
- International Business Strategy
- Managerial Accounting: a Multinational Perspective
- International Corporate Finance
- Leading Multinational Enterprises (Change Management and Leadership, International HRM)
- International Strategic Marketing

MASTER'S THESIS	15
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- Literature Review
- Research Project International Business

ELECTIVES	6
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Students choose 6 ECTS from the elective courses and/or an internship.

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mibem/programme

More information
on our website



Graduate programmes

CLUSTER 1 - BUSINESS ECONOMICS

For holders of an academic degree in a field different from economics or business

MASTER OF SCIENCE IN INFORMATION MANAGEMENT

→ LEUVEN

DURATION

- 1 year (full-time), 60 ECTS

PROFILE

As a student of the Master of Information Management, you are familiar with and interested in the basics of computer science and its business applications. Background knowledge of business economics is useful but not strictly necessary. In the programme you will acquire basic knowledge of business information systems, will learn to evaluate an information system, assess its economic merits and make appropriate technological choices. This enables you to develop an information strategy aligned with an organisation's corporate strategy.

PROGRAMME

The Information Management programme offers you advanced, non-technical training in information management. The multi-disciplinary programme provides basic training in technology as well as in-depth insights into specific management issues. The focus lies on analysing information needs, designing and managing information systems. This leads to conceptualising an IT-strategy that fits in the overall business strategy, and ultimately in an effective information system serving the needs of the company.

CAREER PERSPECTIVES

Graduates of the Information Management programme are trained to gain leverage within a company through the strategic use of technology. The analysis and management of information, knowledge, processes, and systems, in line with an overall business strategy, plays a bridging role between computer science and business. Qualities such as strong communication skills, teamwork, and group management are therefore more essential than mere technological expertise. Graduates pursue careers as information analysts, project leaders and information technology strategists.

PROGRAMME

COURSES	ECTS
CORE COURSES	36
<ul style="list-style-type: none"> • Business Analysis • ICT Service Management • Architecture and Modelling of Management Information Systems • Data Science for Business • Business Information Systems • Principles of Database Management 	
MASTER'S THESIS	15
ELECTIVES	9
You supplement your programme with electives from the following modules:	
<ul style="list-style-type: none"> • Data Science • Software Engineering • Management 	

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mimel/programme



More information
on our website

Graduate programmes

CLUSTER 2 - ECONOMICS

For holders of an academic degree in the field of economics

MASTER OF SCIENCE IN ECONOMICS

→ LEUVEN

DURATION

- 1 year (full-time), 60 ECTS
- optional third semester abroad

PROFILE

As a student in the Master of Economics you have a solid academic background in economics or business economics, including macro- and microeconomics as well as mathematics, statistics and economics. Moreover, you have a strong interest in socio-economic problems, and you are able to relate evolutions in the broader historical, juridical, political, ethical, and institutional context at the national and international level. Therefore, you should have a sufficiently broad view on the general economic, social and institutional context of economic interactions.

PROGRAMME

The Master of Economics programme offers you an in-depth training in economic theory, econometrics and applied economics, which allows you to (autonomously) formulate answers to challenges that our society faces. The programme teaches students how to carry out an academic analysis of economic problems by means of economic research methods and techniques. Students can broaden and/or deepen their knowledge and skills by choosing electives from different economic fields. Choosing advanced core courses will prepare you for entrance into the Master of Advanced Studies in Economics.

CAREER PERSPECTIVES

Graduates of the Master of Economics have a very informed perspective on economics and society as a whole. Moreover, they are equipped to address socio-economic problems in a research-based way. This expertise and flexibility qualifies them for employment in a variety of fields. More concretely, graduates work in sectors in which decision making is highly dependent on the external economic context (e.g. government research centres, professional associations, large enterprises and international organisations) or in managerial positions (e.g. government departments, public institutions, international organisations, consultancy, financial services). If you wish to pursue a career in research, you should obtain at least distinction to enter the Master of Advanced Studies in Economics.

PROGRAMME

COURSES	ECTS
CORE COURSES	18
<ul style="list-style-type: none"> • Macroeconomics or Advanced Macroeconomics I • Microeconomics or Advanced Microeconomics I • Econometric Methods and Models or Advanced Econometrics 	
MASTER'S THESIS	18
ELECTIVES	24
<ul style="list-style-type: none"> • Economics fields Economics Aspects of European Integration / Environmental and Transportation Economics / Global Value Chains / Incentives and Behavior / Network Industries and the Digital Economy / Macro-Finance / Economics of Financial Intermediation / Health Economics / Welfare Economics / Inequality and Poverty / Development Economics / Industrial Economics • Electives out of FEB Master's programmes • Projects and summer schools 	

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/meconl/programme



More information
on our website

Graduate programmes

CLUSTER 2 - ECONOMICS

For holders of an academic degree in the field of economics

MASTER OF ADVANCED STUDIES IN ECONOMICS

→ LEUVEN

DURATION

- 1 year (full-time), 60 ECTS

PROFILE

As a student of the Master of Advanced Studies in Economics, you have an adequate background in economics and a keen interest in recent analytical developments in the field. You have sufficiently strong quantitative skills and analytical abilities, with an interest in recent scientific developments, broader social developments and policy issues. You need to have a master's degree to enter this programme. Your academic performance should be above average. The goal of the programme is to enable you to find a promising research topic and to stimulate you to develop your own research on this topic. This research leads to the Master of Advanced Studies in Economics thesis, which can eventually become the first chapter of your doctoral dissertation, if you pursue a PhD.

PROGRAMME

The Master of Advanced Studies in Economics programme offers a deeper knowledge in economic theory, provides you with advanced theoretical and empirical tools to analyse actual economic problems and familiarises you with current research practices in economics. These research practices make use of formal and quantitative techniques. This is reflected in a mix of economic and quantitative, research oriented, courses.

CAREER PERSPECTIVES

Graduates of the programme have a deep insight into the most recent developments in economic theory and an active knowledge of the analytical techniques used by economists for the study of economic problems. They are able to translate general and specific questions into operational problems. This includes formulating a specific research or policy question, collecting and analysing the relevant information, choosing an adequate methodology for analysing the problem, reporting the results, and formulating policy advice. Graduates in the MASE aim to pursue a PhD in Economics or a research career in universities or international institutions.

PROGRAMME

COURSES	ECTS
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CORE COURSES	36
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The compulsory courses can only be taken once. If you have already completed some of them, you have to select additional electives.

- Advanced Microeconomics I
- Advanced Microeconomics II
- Advanced Macroeconomics I
- Advanced Macroeconomics II
- Advanced Econometrics
- Dynamic Methods

MASTER'S THESIS	18
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ELECTIVES	6
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You supplement your programme with electives to reach a minimum of 60 ECTS.

- Advanced Topics in Industrial Organization
- Advanced Topics in Labor and Public Economics
- Advanced Topics in International Economics and Development
- Advanced Applied Econometrics
- Advanced Time Series Analysis

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mnmasel/programme

More information
on our website



Graduate programmes

CLUSTER 3 - ENGINEERING FOR BUSINESS

For holders of an academic degree background in (business) economics, quantitative methods/technology/sciences and ICT

MASTER OF SCIENCE IN BUSINESS ENGINEERING

→ LEUVEN

DURATION

- 2 years (full-time), 120 ECTS

PROFILE

A student of the Business Engineering programme wants to become an interdisciplinary manager with an extended problem-solving toolbox and a holistic view on modern companies in today's economic, legal and social context. You have a solid academic background in (business) economics, quantitative methods, technology, sciences and ICT. You have a strong analytic mindset, management and communication skills and an eye for sustainable opportunities. This way, you are able to shape the future of companies and organisations.

PROGRAMME

The Business Engineering programme offers an advanced quantitative and science-based training in business economics and its various business disciplines. The managerial focus is combined with developing strong analytical skills and a profound understanding of how business and (technological) innovation processes work. The programme has strong foundations in engineering sciences, but also has tight connections to humanities. This integration of disciplines is highly relevant to production environments as well as to service companies (e.g. consultancy or ICT). Furthermore, an exchange during the second master's year is possible.

CAREER PERSPECTIVES

Graduates of the Master of Business Engineering usually start their careers in expert positions within interdisciplinary management teams or in consulting services. They are typically hired to optimise production processes, to develop quantitative models in financial institutions or to market technological innovations. Business Engineers are also able to take up more traditional management tasks, armed with the ability to support key decisions using quantitative analyses. They quickly move up to executive functions in various management domains in companies and organisations. Given the variety of skills acquired, they are highly sought after by a wide range of companies – from start-ups and small firms to multinational corporations – for various positions in Belgium and abroad.

PROGRAMME

COURSES	ECTS
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CORE COURSE	42
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- Business Analysis
- Applications of Statistics
- Applications of Operations Research
- Energy Technology and Energy Economy
- Management Control and Cost Management
- Operations Strategy in Manufacturing and Services
- Strategic Management
- Philosophy and Ethics

MASTER'S THESIS	24
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MAJORS	24
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Students choose one major and select courses for 24 ECTS within that major.

- Accounting and Financial Management / Risk and Finance / Marketing / Production and Logistics / Quantitative Methods for Decision Making / Industry, Global Value Chains and New Technologies / Technology and Entrepreneurship

MINORS	24
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Students choose one minor (different from the chosen major) and select courses for 24 ECTS within that minor.

- Accounting and Financial Management / Finance / Actuarial and Financial Engineering / Marketing / Production and Logistics / Quantitative Methods for Decision Making / Industry, Global Value Chains and New Technologies / Economics / Technology and Entrepreneurship / International Business, Strategy and Innovation / Business Informatics for Business Engineers / Corporate Sustainability* / European Affairs Management* / Exchange

ELECTIVES	6
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Students choose 6 ECTS from elective courses.

* These minors are offered at the Campus in Brussels.

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mbenl/programme



More information
on our website

Graduate programmes

CLUSTER 3 - ENGINEERING FOR BUSINESS

For holders of an academic degree background in (business) economics, quantitative methods/technology/sciences and strong background in ICT

MASTER OF SCIENCE IN BUSINESS AND INFORMATION SYSTEMS ENGINEERING

→ LEUVEN

DURATION

- 2 years (full-time), 120 ECTS

PROFILE

As a Business and Information Systems Engineering student, you are a future manager with an 'innovative engineer' mindset. The programme seeks to train multidisciplinary, forward-looking managers who can use information and communication technology to organise, optimise and lead businesses in a rapidly globalising world. These managers of the future will be able to rely on a sound quantitative training in business economics, with business and information systems engineering as a key spearhead, and firmly grounded in the humanities as well as in engineering science. This enables graduates of the Master of Business and Information Systems Engineering to support the management of organisations and to fully exploit available opportunities in the business world.

PROGRAMME

The Business and Information Systems Engineering programme offers an advanced quantitative and science-based training in business economics and its various business disciplines. It is analytically underpinned by insights from engineering science, but also inspired by insights from the humanities as the basis for a unique interdisciplinary approach to business management. A thorough study of business economics is combined with a training in information and communication technology. The programme focuses on the creation, integration, management and use of information in a business context to support business management in a digital world. Furthermore, an exchange during the second master's year is possible.

CAREER PERSPECTIVES

Graduates of the Master of Business and Information Systems Engineering usually start their career in business and/or ICT-consulting. They are also able to take up more traditional management tasks, armed with the ability to design, manage and improve business processes, services and decisions in a digital world. Given the variety of skills acquired, business and information systems engineers are highly sought after by a wide range of companies for a variety of positions and sectors in Belgium and abroad. Typical job titles are: business analyst, analytics specialist, business intelligence analyst, big data specialist, operations manager, fintech specialist, customer intelligence director, fraud expert, compliance officer, ICT manager, chief information officer.

PROGRAMME

COURSES	ECTS
CORE COURSE	66
<ul style="list-style-type: none"> • Advanced Database Management and Content Management • Software Architectures for Collaborative Systems • Simulation Theory and Applications • Architecture and Modelling of Management Information Systems • Advanced Analytics in a Big Data World • Applications of Statistics • Applications of Operations Research • Energy Technology and Energy Economy • Management Control and Cost Management • Operations Strategy in Manufacturing and Services • Strategic Management • Philosophy and Ethics • Business Analysis 	
MASTER'S THESIS	24
SPECIALISATION PACKAGE	24
<ul style="list-style-type: none"> • Architecture, Infrastructure and Software / Data Science / Technology Entrepreneurship / Production - Logistics / Marketing / Accountancy - Finance - Risk / Exchange 	
ELECTIVES	6
Students choose 6 ECTS from elective courses.	

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mbiseel/programme

More information
on our website



Graduate programmes

CLUSTER 3 - ENGINEERING FOR BUSINESS

For holders of an academic degree (strong background in mathematics and statistics and basic knowledge of economics and ICT)

MASTER OF SCIENCE IN ACTUARIAL AND FINANCIAL ENGINEERING

→ LEUVEN

DURATION

- 2 years (full-time), 120 ECTS

PROFILE

As an Actuarial and Financial Engineering student, you apply tools and models from mathematics and statistics to real-world economic and financial problems. You want to learn more about data science and analytics and how these are used in insurance and finance. For this programme, a solid background in mathematics, probability theory and statistics and a basic knowledge in economics and ICT is required. Basic knowledge in economics can also be acquired via the preparatory programme (p.17).

PROGRAMME

The Actuarial and Financial Engineering programme offers advanced training in the business domain of insurance. Mathematical and statistical techniques are studied to be able to manage risks, model assets and liabilities and analyse timely topics in actuarial and financial engineering. These skills, combined with a foundation in regulation and professional skills, including reporting and ethics, result in a strong ability to optimise business processes.

The electives include courses offered by our partner institutions Université Catholique de Louvain and Université Libre de Bruxelles, from which students have to include at least 10 ECTS in their programme. As such, an exchange within Belgium while studying at KU Leuven can be realised. Furthermore, an exchange abroad during the second master's year is possible.

CAREER PERSPECTIVES

Graduates of the Master of Actuarial and Financial Engineering are employed within insurance companies, banks, pension funds, consultancy agencies or governmental institutions where they are involved in a variety of analytical tasks, including (but not limited to) product development and pricing, solvency calculations, risk management, employee benefit calculations, asset and liability management, and more. The diploma of Master of Actuarial and Financial Engineering allows to join the following professional associations: the IA|BE (Institute of Actuaries in Belgium) and (via IA|BE) the IAA (International Actuarial Association).

PROGRAMME

COURSES ECTS

PREPARATORY PROGRAMME

CORE COURSE 6

- Principles of Economics for Scientists

MASTER OF SCIENCE IN ACTUARIAL AND FINANCIAL ENGINEERING

CORE COURSES 64

- **Actuarial Engineering: Life, Health and Pensions**
Life Insurance Mathematics / Advanced Life Insurance Mathematics / Actuarial Mathematics for Pensions
- **Actuarial Engineering: Data Science Methods**
Data Science for Non-Life Insurance / Loss Models
- **Risk Engineering**
Risk Management in Financial Institutions / Statistical Tools for Quantitative Risk Management / Foundations of Quantitative Risk Measurement
- **Financial Engineering**
Fundamentals of Financial Mathematics / Financial Engineering
- **Regulation**
Solvency of Financial Institutions

You choose one of the following courses on regulation, worth at least 4 ECTS.

European Insurance Law / European Financial Regulation / Inleiding tot het verzekeringsrecht (taught in Dutch)

MASTER'S THESIS 24

ELECTIVES 32

- Actuarial Engineering: Life, Health and Pensions
- Actuarial Engineering: Data Science Methods
- Risk Engineering
- Financial Engineering
- Regulation and Reporting
- Internship, research and Short Mobility

For detailed descriptions of the courses and for the course timetable, please consult

www.kuleuven.be/ma/mafel/programme



More information
on our website

BRIDGING AND PREPARATORY PROGRAMMES

<p> YOUR PROFILE</p> <hr/> <p>Bachelor's degree from a professional or vocational programme in Business Management</p> <p> YOUR OPTIONS</p> <hr/> <p>→ Bridging programme leading to MSc in Business Administration 1 year (full-time) + master's degree 60 ECTS + 60 ECTS</p> <p> Brussels Campus</p>	<p> YOUR PROFILE</p> <hr/> <p>Academic bachelor's degree in the field of economics or business</p> <p> YOUR OPTIONS</p> <hr/> <p>→ Preparatory programme leading to MSc in Business Administration (duration depending on your academic background) + master's degree X ECTS + 60 ECTS</p> <p> Brussels Campus</p> <p> Antwerp Campus for a selection of courses</p>	<p> YOUR PROFILE</p> <hr/> <p>Academic degree in a field different from economics or business</p> <p> YOUR OPTIONS</p> <hr/> <p>→ Preparatory programme leading to MSc in International Business Economics & Management (duration depending on your academic background) + master's degree max. 24 ECTS + 60 ECTS</p> <p> Brussels Campus</p> <p>→ Preparatory programme leading to MSc in Actuarial and Financial Engineering 1 course (simultaneously) + master's degree 6 ECTS + 120 ECTS</p> <p> Leuven</p>
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Bridging programme leading to the Master of Business Administration

If you hold a bachelor's degree from a professional or vocational programme, the one-year bridging programme (60 ECTS) provides you with the necessary knowledge base for advancing on to the Master of Business Administration on our Antwerp or Brussels campus. The programme allows you to expand your previous education with academic knowledge and skills and familiarises you with important functional management domains.

www.feb.kuleuven.be/eng/bridging-mba

Preparatory programme leading to the Master of Business Administration

If your academic degree does not guarantee direct admission to the Master of Business Administration, in some cases a preparatory programme can be followed on the Brussels campus or the Antwerp campus (for a selection of courses). The duration of the programme depends on your academic background. It may be possible to take up the preparatory programme and the master's programme simultaneously.

Brussels Campus: www.feb.kuleuven.be/eng/prep-ba-brussels

Antwerp Campus: www.feb.kuleuven.be/eng/prep-ba-antwerp

Preparatory programme leading to the Master of International Business Economics and Management

If you hold an academic bachelor's or master's degree that is not directly related to business and economics, you will first have to enroll in a preparatory programme (max. 24 ECTS) which introduces you to the basics of business economics and management. Most of the preparatory courses are organized in the first weeks of the academic year and, depending on the number of exemptions in the preparatory programme, can be combined with the master's courses of the 1st semester.

www.feb.kuleuven.be/eng/prep-mibem

Preparatory programme leading to the Master of Actuarial and Financial Engineering

If you have a strong quantitative background but lack the economic background, the preparatory course in economics will enable you to be admitted to the Master of Actuarial and Financial Engineering.

www.feb.kuleuven.be/eng/prep-mafe

PRACTICAL INFORMATION

How to apply

APPLICATION DEADLINE

1 March (for non-EEA citizens)

1 June (for EEA-citizens) and for non-EEA citizens living in Belgium with a valid residence permit

* EEA = European Economic Area

APPLICATION PROCEDURE

KU Leuven uses an online application system. You can complete and submit your application via

www.kuleuven.be/application

Students with a Flemish degree can consult

www.kuleuven.be/inschrijven

ACADEMIC CALENDAR

1st semester: end of September → end of January (exams in January)

2nd semester: mid-February → July (exams in June)

www.kuleuven.be/about/calendars

TUITION FEES

Please consult the website for up-to-date information:

www.kuleuven.be/tuitionfees

Admission requirements

For admission to a bachelor's programme you must have access to higher education in your home country. In addition, you need to provide evidence of your proficiency in **mathematics** (see our webpage below for the accepted tests per programme) and of your proficiency in **English** by means of a satisfactory TOEFL or IELTS certificate. For the required scores as well as exemptions from the aforementioned requirements, please consult the webpage:

www.feb.kuleuven.be/eng/bachelors

For admission to a master's programme, you have to fulfill specific prior knowledge requirements which vary per programme. Furthermore, you need to provide evidence of your **quantitative and verbal reasoning skills** by means of a satisfactory GMAT or GRE and of your proficiency in **proficiency in English** by means of a satisfactory TOEFL or IELTS certificate. For the required scores as well as exemptions from the aforementioned requirements, please consult the webpage:

www.feb.kuleuven.be/eng/masters

Kick-start your career

During your studies you have the opportunity to tailor your own graduation profile: take part in a foreign experience or complete an internship, choose a specialisation or even set up your own company. Whichever you choose, kick-start your career with Career Corner, the online platform for career development. Explore our vacancies and take part in events and coaching & training opportunities, all specifically designed for our students.

www.feb.careercorner.be

Contact

For any question, you can contact our staff via

admissions.feb@kuleuven.be

Meet our ambassadors

Meet our international student and alumni ambassadors to help you understand what it means to be a student at the Faculty of Economics and Business at KU Leuven.

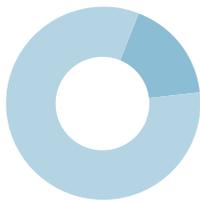
www.feb.kuleuven.be/eng/feb-ambassadors

FACTS AND FIGURES KU LEUVEN



Truly international

63,207 students



of which **14,155** international students, over 140 countries



The highest ranked Belgian University

1 In the Reuters ranking of most innovative universities in Europe

42 Times Higher Education World University Rankings

76 QS World University Rankings

49 BACHELOR'S PROGRAMMES (6 IN ENGLISH) 137 MASTER'S PROGRAMMES (73 IN ENGLISH) 43 ADVANCED MASTER'S PROGRAMMES (24 IN ENGLISH)

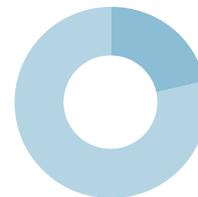
FACTS AND FIGURES FACULTY OF ECONOMICS AND BUSINESS

8 Master's programmes in English:

- Business Administration
- Business Economics
- Information Management
- International Business Economics and Management
- Economics
- Business Engineering
- Business and Information Systems Engineering
- Actuarial and Financial Engineering

83% of the faculty's students has a job within 3 months of graduating

9,714 students



including **2,131** international students, Study exchange agreements with more than 217 institutions in 47 countries

EQUIS accreditation

The EQUIS accreditation places our faculty amongst an international elite circle of accredited business schools and faculties



209 professors

2 BACHELOR'S PROGRAMMES IN ENGLISH: BUSINESS ADMINISTRATION • BUSINESS ENGINEERING 1 ADVANCED MASTER'S PROGRAMME IN ENGLISH: ADVANCED STUDIES IN ECONOMICS

LEUVEN

Hogenheuvelcollege (HOG)
Naamsestraat 69
3000 LEUVEN

Faculty of Economics and Business House of Students
College van Premonstreit (CPR)
Naamsestraat 61
3000 LEUVEN
tel. + 32 16 32 66 12
feb.kuleuven.be/febadvisor



Virtual Tour of our
Leuven Campus

BRUSSELS CAMPUS

Warmoesberg 26
1000 BRUSSEL
tel. + 32 2 210 12 11
feb.brussel@kuleuven.be



Virtual Tour of our
Brussels Campus

ANTWERP CAMPUS

Korte Nieuwstraat 33
2000 ANTWERPEN
tel. + 32 3 201 18 40
feb.antwerpen@kuleuven.be



Virtual Tour of our
Antwerp Campus

Links

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