



Faculty of Economics and Business

KU Leuven

COURSES OFFERED TO ERASMUS/EXCHANGE STUDENTS

ACADEMIC YEAR 2015 - 2016

- 1. COURSE DESCRIPTIONS**
- 2. COURSES FOR BACHELOR STUDENTS**
- 3. COURSES FOR MASTER STUDENTS**
- 4. COURSES IN DUTCH**

COURSE DESCRIPTIONS

HOW DO I LOOK UP THE DESCRIPTIONS OF THE COURSES I INTEND TO TAKE ?

There are two simple ways to look up the course descriptions for each of the courses via the faculty's website. Both start from the English language homepage of the Faculty of Economics and Business on www.feb.kuleuven.be/eng/leuven/

You can type in the code of the course in the search engine in the top right corner of the homepage, which should provide you with a weblink to the course you need details on.

Or you can follow these steps:

- Click on 'Exchange Students' in the left bar of FEB's homepage
- Select 'search for course descriptions'
- Type in the name or the code of the course and press 'zoeken' (search)
- Click on the result (a weblink to the course you need details on)

PLEASE NOTE :

- Some course descriptions will only be available from **mid July 2015** onwards.
- Each professor has the right to update his/her course description just till the start of the academic year.



The screenshot shows the homepage of the Faculty of Economics and Business at KU Leuven. The top navigation bar includes links for Contact, Who's who, Organisational chart, Libraries, and Intranet. A search bar is located in the top right corner, circled in red. Below the navigation bar, there is a main banner for 'FEB International Students' Reception' with a photo of a smiling woman holding a plate of waffles. The left sidebar contains navigation links for Home campus Leuven, Information on (Structure, Strategy, Education, Research, Sustainability), and Information for (Prospective Students, Current Students, Exchange Students, Doctoral Students, Alumni, Corporate Connections). The main content area features 'FEB Campus Leuven News' and 'FEB Campus Leuven Calendar' sections.

Education

Research

Sustainability

Information for:

Prospective Students

Current Students

Exchange Students

Doctoral Students

Alumni

Corporate Connections

Quick links:

Contact

Students' Help Desk

TOLEDO

Library

- ECTS-courses 2013-2014
- ECTS-courses 2014-2015
- Search for course descriptions (use Course number or Title course of the ECTS-courses document to fill the search bar (as highlighted in red on the screen shot) and press "Zoeken" right next to it)
- General information International Office KU Leuven


More information on:

[General structure of the Faculty](#)

[General description](#)

[Exam Schedule and Exam System](#)

[The KU Leuven grading scale and system](#)



EFMD The Faculty of Economics and Business is member of [The European Foundation for Management Development \(EFMD\)](#). EFMD is one of the key business schools networks in the world and being a part of the network will bring many opportunities for faculty and student exchanges, knowledge sharing and collaboration.

KU LEUVEN Contact Who's who Organisational chart Libraries Toledo Intranet KU Leuven Nederlands

EDUCATION RESEARCH ADMISSIONS LIVING IN LEUVEN ABOUT KU LEUVEN intranet


zoeken

Programmes by faculty

degree type location KU Leuven @ Reset

Academic Year 2014-2015	Faculty of Theology and Religious Studies	Faculty of Science
All programmes	Institute of Philosophy	Faculty of Engineering Science
English-language programmes of study	Faculty of Canon Law	Faculty of Bioscience Engineering
Programmes en français	Faculty of Law	Faculty of Engineering Technology
Programa en español	Faculty of Economics and Business (FEB)	Faculty of Architecture
Archive	Faculty of Social Sciences	Faculty of Medicine
	Faculty of Arts	Faculty of Pharmaceutical Sciences
	Faculty of Psychology and Educational Sciences	Faculty of Kinesiology and Rehabilitation Sciences

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 Realisatie: ICTS | Laatste wijziging: 15 juli 2014 Disclaimer

COURSES FOR BACHELOR STUDENTS

Bachelor students from a three-year programme can select courses from the following lists:

1. The list “Faculty of Economics and Business” below (English-taught Bachelor courses and possibly some Master courses).

The courses marked with (M) are Master courses, and are only open to students who have successfully finished 120 ECTS or an equivalent. Additional info (e.g. ‘statistics majors’) indicates that this course is not orientated towards the average student, even after completing 120 ECTS. Certain requirements need to be met.

2. The PECS Programme (Study Abroad Programme in European Culture and Society), also listed below.
3. All other Bachelor courses at FEB taught in Dutch, found at www.feb.kuleuven.be/leuven/toekomstigestudent/opleidingen

Bachelor students from a four-year program who have successfully finished 180 ECTS or an equivalent, can, in addition, select any course from the general master course list in the section “Courses for Master Students”. This list can be found below.

Please note that FEB courses in fields such as economics and finance tend to be very analytical. The pace of teaching is brisk. Thus, Bachelor students should be well versed in mathematics/statistics, and be comfortable with generalisations that complement examples and applications. For Master courses in which a major is mentioned as a requirement, the recommendation is that one should have taken several courses in that field.

Please make sure you meet these general prerequisites, plus any additional requirements listed in the course description.

Also note that proficiency in English is required. Be aware that your level of English must be **ADVANCED (level B2)**. You must be able to understand, speak, read and write both general and academic English fluently.

FACULTY OF ECONOMICS AND BUSINESS

The courses marked as (M) are actually master courses, and are open only to students that successfully finished 120 ICTS or equivalent. Any additional note like "statistics majors" indicates that this is course not recommended to the average student, even after 120 ICTS worth of courses.

First Semester

Course Number	Title Course	ECTS Credits
D0C09A	Econometric Methods and Models (M. Statistics majors)	6
D0C14A	Trading and Exchanges (M. econ. majors)	6
D0C15A	Macro-Finance (M. econ. Majors, math. & stat.)	6
D0E28A	Econometrics	6
D0E32A	Development Economics	6
D0H27A	Business Information Systems	6
D0H36A	Innovation Management and Strategy	6
D0I62A	Principles of Database Management	6
D0M09A	Economic Aspects of European Integration	6
D0M19B	International Business Strategy	6
D0M29A	The Economics of Financial Intermediation (M. Finance or econ. majors)	6
D0M36B	Environmental and Transportation Economics (M. Economics majors)	6
D0M57B	Managerial Aspects of European Integration	6
D0N35A	Reporting for Banks (M. Accounting majors)	3
D0N36A	Reporting for Insurance Companies (M. Accounting majors)	3
D0O37A	Entrepreneurship and New Business Development :(Semester 1+2 - only for students staying for the whole academic year)	6
D0O40A	The Foundations Entrepreneurship	6
D0O45A	Organising for Entrepreneurship	3
D0O46A	Entrepreneurial Finance	3
D0R05A	Strategic Financial Management (M. econ. majors)	6
D0R13A	Consumer Behaviour	6
D0R17A	Supply Chain Management	6
D0R18A	Project and Production Scheduling (M. OR/OM or Management Science majors)	6
D0R19A	Simulation Theory and Applications (M. OR/OM or Management Science majors)	6
D0R23A	Political Business Strategy	6
D0R36A	International Marketing	6
D0R42A	Brand Management	6
D0R50A	International Accounting (M. Accounting majors)	6
D0R80A	Behavioral Economics (M. Marketing majors)	6
D0R87A	Financial Statement Analysis and Security Valuation	6
D0S92A	Operations Strategy in Manufacturing and Services (M. Optimization)	6
D0T27A	Capital Investment Policy	6
D0T31A	Industrial Organization: Theory and Applications	6
D0T33A	Organizational Behaviour	6
D0T37A	English III: Interaction in the Business World (restricted admission and pretesting applies to this course)	3
I0D33A	Basics of Biological Chemistry	4

Second Semester

Course Number	Title Course	ECTS Credits
DOE35A	Labour Economics (<i>M. Economics majors</i>)	6
DOI69A	ICT Service Management	6
DOI71A	Architecture and Modelling of Management Information Systems	6
DOI74A	Knowledge Management and Business Intelligence (<i>M. IT majors</i>)	6
DOM23B	International Management	6
DOM24B	Cultural Issues in International Business	6
DOM32B	Security Pricing and Portfolio Selection (<i>M. econ.majors</i>)	6
DOM46B	Welfare, Inequality and Poverty	6
DOM47B	Advanced Industrial Economics	6
DOM75B	Asset Prices: Basic Models and Tests (<i>M. econ. majors</i>)	6
DOO43A	Strategic IP Management	3
DOO44A	Intrapreneurship	3
DOO51A	Social Marketing	6
DOR04A	Strategic Management	6
DOR16A	Marketing Strategy Modelling (<i>M. Statistics, marketing majors</i>)	6
DOR22A	Economics of Global Innovation	6
DOR43A	Competitive Analysis and Strategy	6
DOR51A	Risk Management and Control (<i>M. business econ. majors</i>)	6
DOR53C	International Auditing Standards / Special Topics in Accounting (<i>M. Accounting majors</i>)	6
DOT32A	The Economics of Innovation and Intellectual Property	6
DOT78A	English III: Interaction in the Business World (<i>restricted admission and pretesting applies to this course</i>)	3
SOB91A	Development Cooperation	4
WOEP8A	Political Philosophy and the Ethics of Globalisation	6

PECS PROGRAMME

The Study Abroad Programme in European Culture and Society offers a wide range of courses dealing with Europe.

First Semester

Course Number	Title Course	ECTS Credits
F0GA2A	Institutions and Policy of the European Union	6
F0VK2A	The Low Countries at the Crossroads of European History	6
F0VL6A	International Relations and European Integration Since World War II	6
F0VL7A	Literature, Religion and Art in Europe: An Interdisciplinary Approach	6

Second Semester

F0GA0A	Comparative European Literature	6
F0GA1A	Flemish Art and European Culture	6
F0GA3A	International Relations and European Integration Since World War II	6
F0GA4A	The Low Countries at the Crossroads of European History	6
F0VK6A	Historic Developments and Current Issues in European Institutions and Policies	6

COURSES FOR MASTER STUDENTS

Students can select courses from:

1. Master's Programmes
 - Master of Science in Economics
 - Master of Science in Business Economics
 - Master of Science in Information Management
2. Advanced Master's Programmes
 - Master of Science in Financial and Actuarial Engineering
 - Master of Science in Advanced Studies in Economics
3. Other Master courses
4. All other Master courses taught in Dutch

These programmes offer a broad spectrum of Master's/Advanced Master's courses for students with a Bachelor/Master degree who want to include highly specialised courses in Economics and Business Economics in their study programme.

IMPORTANT REMARK :

- Please make sure you meet the necessary prerequisites !
- **Proficiency in English is required.** Be aware that your level of English must be **ADVANCED (level B2)**. You must be able to understand, speak, read and write both general and academic English fluently.



KU Leuven University Sports Centre

FACULTY OF ECONOMICS AND BUSINESS

MASTER'S PROGRAMMES

MASTER OF SCIENCE IN ECONOMICS

Admission requirements: Students should hold a university Bachelor's degree in Economics or Business Economics considered equivalent to a Bachelor's degree in Economics; Applied Economics or Business Engineering from the Faculty of Economics and Business at KU Leuven.

A minimum of 180 ECTS credits is required.

First Semester

Course Number	Title Course	ECTS Credits
D0C07A	Advanced Macroeconomics I	6
D0C08A	Advanced Microeconomics I	6
D0C09A	Econometric Methods and Models	6
D0C12A	Advanced Public Economics	6
D0C14A	Trading and Exchanges	6
D0C15A	Macro-finance	6
D0C16A	Dynamic Methods	6
D0M09A	Economic Aspects of European Integration	6
D0M29B	The Economics of Financial Intermediation	6
D0M36B	Environmental and Transportation Economics	6
D0M44B	Welfare Economics	6
D0M61B	Advanced econometrics	6
D0M63B	Advanced Time Series Analysis	6
D0R05A	Strategic Financial Management	6
D0R23A	Political Business Strategy	6
D0R80A	Behavioral Economics	6
D0R87A	Financial Statement Analysis And Security Valuation	6

Second Semester

Course Number	Title Course	ECTS Credits
D0C23A	Advanced Health Economics	6
D0C38A	Advanced Labour Economics	6
D0M13A	Advanced Microeconomics II	6
D0M14A	Advanced Macroeconomics II	6
D0M32B	Security Pricing and Portfolio Selection	6
D0M42B	Advanced International trade Theory	6
D0M43B	Advanced Development Economics	6
D0M46B	Welfare, Inequality and Poverty	6
D0M47B	Advanced Industrial Economics	6
D0M75B	Asset Prices: Basic Models and Tests	6
D0R43A	Competitive Analysis and Strategy	6
D0S91A	Advanced applied econometrics	6

MASTER OF SCIENCE IN BUSINESS ECONOMICS

Admission requirements: Students should hold a university Bachelor's degree in Economics or Business Economics considered equivalent to a Bachelor's degree in Economics; Applied Economics or Business Engineering from the Faculty of Economics and Business at KU Leuven.

A minimum of 180 ECTS credits is required.

First Semester

Course Number	Title Course	ECTS Credits
D0C09A	Econometric Methods and Models	6
D0C14A	Trading and Exchanges	6
D0C15A	Macro-finance	6
D0H27A	Business Information Systems	6
D0H36A	Innovation Management and Strategy	6
D0I62A	Principles of Database Management	6
D0M09A	Economic Aspects of European Integration	6
D0M19B	International Business Strategy	6
D0M29B	The Economics of Financial Intermediation	6
D0M36A	Environmental and Transportation Economics	3
D0M57B	Managerial Aspects of European Integration	6
D0M59B	Applied Game Theory and Economics of Information	6
D0M61B	Advanced econometrics	6
D0M62C	Multivariate Statistics	6
D0N35A	Reporting for Banks	3
D0N36A	Reporting for Insurance Companies	3
D0O37A	Entrepreneurship and New Business Development:(Semester 1+2 - only for students staying for the whole academic year)	6
D0O40A	The Foundations of Entrepreneurship	6
D0O45A	Organising for Entrepreneurship	3
D0O46A	Entrepreneurial Finance	3
D0O52A	Credit and Banking	6
D0O53A	International Business Finance	6
D0R13A	Consumer Behaviour	6
D0R17A	Supply Chain Management	6
D0R18A	Project and production scheduling	6
D0R19A	Simulation Theory and Applications	6
D0R23A	Political Business Strategy	6
D0R26A	Performance Management	6
D0R36A	International Marketing	6
D0R42A	Brand Management	6
D0R50A	International accounting	6
D0R87A	Financial Statement Analysis and Security Valuation	6
D0S92A	Operations strategy in manufacturing and services	6

Second Semester

Course Number	Title Course	ECTS Credits
DOC38A	Advanced Labour Economics	6
DOE35A	Labour Economics	6
DOI74A	Knowledge Management and Business Intelligence	6
D0M23B	International Management	6
D0M24B	Organizing in an International Context	6
D0M32B	Security Pricing and Portfolio Selection	6
D0M47B	Advanced Industrial Economics	6
D0M57B	Managerial Asp of European Integration	6
D0M75B	Asset Prices: Basic Models and Tests	6
D0M90B	Optimization: special topics	6
D0N23B	Statistical Modelling	6
D0N77A	International Auditing Standards	6
D0O43A	Strategic IP Management	3
D0O44A	Intrapreneurship	3
D0O51A	Social Marketing	6
D0O54A	Business Finance	6
D0R04A	Strategic Management	6
D0R09A	Risk Management in Financial Institutions	6
D0R16A	Marketing strategy Modelling	6
D0R22A	Economics of Global Innovation	6
D0R43A	Competitive Analysis and Strategy	6
D0R51A	Risk Management and Control	6
D0R53C	International Auditing Standards and Special Topics in Accounting	6
H00N6A	Total Quality Management	3
SOC76A	Human-Computer Interaction	6
SOC78B	Usability Design	6



Faculty of Economics and Business

New building "Hogenheuvcollege" - College of the High Hill - Naamsestraat 69, Leuven

MASTER OF SCIENCE IN INFORMATION MANAGEMENT

Admission requirements: This Master programme is open to all students with a Bachelor or Master degree awarded by a university and providing a basic background in Information Technology (e.g. office applications, basics of database management, basics of computer hardware, basic knowledge of modeling, etc.) and a sound mathematical and statistical background.

A minimum of 180 ECTS credits is required.

First Semester

Course Number	Title Course	ECTS Credits
D0H27A	Business Information Systems	6
D0H36A	Innovation Management and Strategy	6
D0I62A	Principles of Database Management	6
D0I68A	Business Analysis	6
D0O37A	Entrepreneurship and New Business Development (Semester 1+2 - only for students staying for the whole academic year)	6
D0R19A	Simulation Theory and Applications	6

Second Semester

Course Number	Title Course	ECTS Credits
D0I69A	ICT Service Management	6
D0I71A	Architecture and modelling of management information systems	6
D0I74A	Knowledge Management and Business Intelligence	6
D0M23B	International Management	6
D0O43A	Strategic IP Management	3
D0R22A	Economics of Global Innovation	6
D0R43A	Competitive Analysis and Strategy	6
D0R78A	Introduction to Management and Strategy	4



Leuven town park - next to the Faculty of Economics and Business building

ADVANCED MASTER'S PROGRAMMES

MASTER OF SCIENCE IN FINANCIAL AND ACTUARIAL ENGINEERING

Admission requirements: This advanced programme is open to students with a Master's degree **equivalent to four or five years** in Insurance, Statistics, Mathematics, Physics, Economics, Business Economics or Business Engineering. At minimum of 240 ECTS credits is required.

Candidates are supposed to be thoroughly acquainted with the material discussed in :

- Bowers, N.L.; Gerber, H.U.; Hickman, J.C.; Jones, D.A.; Nesbitt, C.J., (1986). *Actuarial Mathematics*. The Society of Actuaries, Itasca, Illinois. Chapters 3,4,5,6,7.
- Ross, S.M. (2004). In Bowers, N.L.; Gerber, H.U.; Hickman, J.C.; Jones, D.A.; Nesbitt, C.J. (1986) *Actuarial Mathematics*. The Society of Actuaries, Itasca, Illinois. Chapters 3, 4, 5, 6, 7.
- Ross, S.M. (2004). *Introductory statistics*. Elsevier Academic Press. (Or a similar textbook appropriate for an undergraduate course in statistics).
- Ross, S.M. (2009). *A first course in probability* (8th edition). Prentice Hall. (Or a similar textbook appropriate for an undergraduate course in probability).

Students also need operational knowledge of differential and integral calculus for one and several variables, as well as linear algebra and matrix calculations.

First Semester

Course Number	Title Course	ECTS Credits
D0N55A	Advanced Non-life Insurance Mathematics	6
D0N57A	Actuarial and Financial Models	6
D0R57B	Foundations of Risk Measurement	6
G0P65C	Stochastic Models	6
G0Q20A	Fundamentals of Financial Mathematics	6
G0Q24A	Statistics for Finance and Insurance	6

Second Semester

Course Number	Title Course	ECTS Credits
D0N56A	Advanced Life Insurance Mathematics	6
G0Q22A	Financial Engineering	6



MASTER OF SCIENCE IN ADVANCED STUDIES IN ECONOMICS

Research Master

Admission requirements: This Master programme is open to students with a university Master's Degree in Economics; Business Economics or Business Engineering awarded by the Faculty of Economics and Business at KU Leuven or comparable to a Master's degree in Economics; Applied Economics or Business Engineering from the Faculty of Economics and Business at KU Leuven. Another university degree requiring at least four years of study with a solid background in mathematics and statistics (for example, a university Master's degree obtained at the Faculty of Engineering or at the Faculty of Bioscience engineering) and with a strong interest in economics.
A minimum of 240 ECTS credits is required.

First Semester

Course Number	Title Course	ECTS Credits
DOC16C	Dynamic Methods	6
D0M29B	The Economics of Financial Intermediation	6
D0M36B	Environmental and Transportation Economics	6
D0M44B	Welfare Economics	6
D0M61B	Advanced Econometrics	6
D0M62C	Multivariate Statistics	6
D0M63B	Advanced Time Series Analysis	6

Second Semester

Course Number	Title Course	ECTS Credits
DOC23A	Advanced Health Economics	6
DOC38A	Advanced Labour Economics	6
D0M13A	Advanced Microeconomics II	6
D0M14A	Advanced Macroeconomics II	6
D0M30B	Fixed Income Securities	6
D0M38B	Advanced International Monetary Economics	6
D0M40B	The Empirics of Financial Markets	6
D0M42B	Advanced International trade Theory	6
D0M43B	Advanced Development Economics	6
D0M46B	Welfare, Inequality and Poverty	6
D0M47B	Advanced Industrial Economics	6
D0M75B	Asset Prices: Basic Models and Tests	6
D0N23B	Statistical Modelling	6
D0S91A	Advanced applied econometrics	6

OTHER MASTER COURSES

Admission requirements: Courses are open to students with a Bachelor degree in Economics or Business Economics. A minimum of 180 ECTS credits is required.

First Semester

Course Number	Title Course	ECTS Credits
C00J0A	International and European Human Rights Law	6
C05B2A	International Taxation	6
C06B1A	Constitutional Law of the European Union	6
C08B3A	International Business Law	6
D0R14A	Market Response Models	6
D0R57B	Actuarial and financial models	6
D0R58B	Solvency of Financial Institutions	6
D0S99A	Applied Optimization	6
H02B1A	Natural Language Processing	4
H02B2A	Cognitive Science	4
S0C97A	Comparative European Industrial Relations	4
S0E06A	Interdisciplinary Perspectives on Development and Cultures	4

Second Semester

Course Number	Title Course	ECTS Credits
C00J1A	Substantive Law of the European Union	6
C01C0c	Economic Analysis of Law	4
C05B3A	European Taxation	6
C06B7A	European Competition Law	4
C06G0A	European Company Law	4
H02A5A	Computer Vision	4



COURSES IN DUTCH

Dutch course descriptions are not included in this brochure.

This information is available on:

www.feb.kuleuven.be/leuven/toekomstigestudent/opleidingen

Legally speaking, the faculty has the right to organise a course in another semester than originally planned. Although the faculty has the authority to make last minute alterations, this rarely is the case.



Faculty of Economics and Business