

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In EnglishDissertation/Graduation Project : **YES** - Internship : **NO**Activities in English: **YES** - Activities in other languages : **NO**Activities on other sites : **optional**Main study domain : **Sciences économiques et de gestion**Organized by: **Faculty of Economic, Social and Political Sciences and Communication (ESPO)**Programme acronym: **ETRI2M** - Francophone Certification Framework: 7**Table of contents**

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ETRI2M - Introduction

Introduction

Introduction

Organised in collaboration with the UNamur and the KU Leuven and equivalent to the MPhil programmes of foreign universities (UK, Netherlands, for example), the master in economic sciences, econometrics orientation is designed for students who envisage continuing their training with a third cycle (doctorate) and wish to receive in two years a training in research that will enable them to pursue a doctoral thesis project under ideal conditions. The courses are given in English by researchers who propose advanced questions in topics of pure economics.

THIS PROGRAMME IS GIVEN AND EVALUATED ENTIRELY IN ENGLISH.

Your profile

- You have good skills in mathematics and statistics and wish to contribute to the analysis of the most recent economic and social questions;
- you wish to do research and envisage continuing your education with a doctorate;
- you are interested in pure economics and wish to acquire an analytical expertise on economic matters.

Your future job

Our graduates will orient themselves both towards the private sector and towards the public or institutional sector, where they will hold analytical positions and participate in decision-making of all kinds: economic policy decisions or strategic corporate decisions.

Your programme

The master offers you

- the possibility of composing your programme à la carte to acquire expertise in a specialised area, as a function of your field of research;
- advanced training in the methodological tools of the economist; many personal works and research seminars on specialised issues;
- a preparation for writing scientific articles in your area of specialisation;
- an integration into international research teams for doing your thesis.

POSSIBILITY TO PARTICIPATE IN THE OUTSTANDING ERASMUS MUNDUS PROGRAMME

The QEM Models and Methods of Quantitative Economics is an Erasmus Mundus Joint Master Degree (**EMJMD**) that has been running since 2006. The newest edition called **QEM2018** is offered by the [Université Paris 1 Panthéon-Sorbonne](#) (France), the coordinating institution, [Université catholique de Louvain](https://uclouvain.be/en/) (<https://uclouvain.be/en/>) (Belgium), [Universitat Autònoma de Barcelona](#) (Spain), [Università Ca' Foscari Venezia](#) (Italy), and [Warsaw School of Economics](#) (Poland).

ETRI2M - Teaching profile

Learning outcomes

The second cycle training available at the Department of Economic Science is designed to train academics to understand and analyse the practical economic and social issues of their time, explain and communicate their analyses to a wide range of audiences, put their analyses in wider contexts and go on to work with specialists from other disciplines.

The precise objective of the 120 credit Master in economic sciences with econometrics is to provide the economist with advanced methodological tools and strong analytical skills. It is therefore centred on the research focus and designed for students who intend to move on to a doctorate. This two year programme will provide them with research skills so that they are as well equipped as possible to do a doctoral dissertation.

This programme corresponds to the MPhil of foreign universities (for example the UK and the Netherlands) which offers a two year second cycle research-led programme leading on to a doctorate.

From the outset, this programme requires a good level in mathematics and statistics for economists.

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

1. Compétences analytiques

Dans le cadre de l'analyse économique de questions concrètes et souvent complexes, l'étudiant sera capable de

- 1.1. identifier la ou les questions pertinentes, synthétiser avec discernement les éléments essentiels à leur compréhension,
- 1.2. identifier ce qui rend un modèle utile et dans quel contexte l'utiliser, notamment en identifiant le rôle des hypothèses,
- 1.3. Identifier, au-delà des spécificités et de la diversité de problèmes concrets, les méthodes d'analyse pertinentes,
- 1.4. mener un raisonnement analytique clair et rigoureux,
- 1.5. identifier les méthodes empiriques pertinentes pour évaluer des questions théoriques et/ou pratiques,
- 1.6. collecter et sélectionner les données pertinentes, en apprécier les limites, mener une analyse statistique appropriée,
- 1.7. interpréter les résultats de l'analyse statistique et expliquer les problèmes et limites statistiques sous-jacents.

2. Autonomie intellectuelle et méthodologique

Dans le cadre de l'analyse économique de questions concrètes et souvent complexes, l'étudiant sera capable de

- 2.1. prendre conscience des interactions entre les analyses économiques et les analyses d'autres sciences humaines et sociales; y exercer un regard critique,
- 2.2. distinguer les aspects positifs et normatifs de l'économie,
- 2.3. proposer une manière originale, ancrée dans le raisonnement économique, de penser et solutionner un problème économique et social,
- 2.4. faire preuve d'une capacité à utiliser les outils de l'économie de manière innovante.

3. Connaissance approfondie dans au moins trois domaines de l'économie

- 3.1. L'étudiant approfondira ses connaissances dans au moins trois domaines de l'économie: macroéconomie, finance, économie du développement, économie internationale, économie du travail, économie sociale, économie industrielle, économie publique....
- 3.2. En finalité approfondie, l'étudiant sera formé à devenir un chercheur universitaire.

4. Compétences communicationnelles et relationnelle.

L'étudiant sera capable de

- 4.1. exprimer par écrit dans un style scientifique le fruit de son analyse économique,
- 4.2. exprimer le résultat de ses travaux oralement à un public de spécialistes,
- 4.3. faire valoir ses arguments dans un langage technique,
- 4.4. faire valoir ses arguments dans un langage vulgarisé,
- 4.5. collaborer avec ses pairs sur des questions de recherche actuelles.

5. Agir dans un environnement professionnel et international

L'étudiant, au terme de sa formation, sera

- 5.1. apte à s'adapter et agir dans un monde professionnel exigeant et mouvant,
- 5.2. capable de s'intégrer dans une équipe de recherche de pointe en économie quantitative.

6. Agir dans un environnement professionnel international

Agir dans un environnement professionnel international en tant qu'économiste universitaire, selon une approche scientifiquement fondée et ancré dans l'économie quantitative, en acteur critique et responsable et en ayant intégré une logique de développement continu.

- 6.1. S'adapter à des contextes et situations divers et complexes et d'y agir avec pertinence, dans un monde professionnel exigeant et mouvant.
- 6.2. Evoluer dans un environnement international et multiculturel, dont l'anglais est la langue véhiculaire.
- 6.3. Mobiliser ses compétences d'économiste (spécialisé en économie quantitative) et s'engager, décider et agir de manière autonome et responsable pour entreprendre un projet de doctorat dans une équipe de recherche de pointe en économie quantitative ou d'assurer des postes stratégiques clés dans le secteur privé, public ou institutionnel.

6. 4. S'engager dans une pratique professionnelle selon une approche universitaire fondée (d'un point de vue théorique et méthodologique) caractérisée par une prise de distance critique et doté d'une réelle capacité à peser sur l'évolution de son environnement.

6.5. Intégrer une logique d'auto-évaluation, d'apprentissage et de développement continu indispensable pour évoluer positivement dans son environnement professionnel.

Programme structure

Structure

The 120 credit Master in Economic Sciences with Econometrics is centred on the research focus. The core subjects of the econometrics component is the same as the research focus of the general course. The 30 credits are therefore common to both the general course and the course with econometrics. In addition, the option "Advanced Economics I" is also common to these two orientations.

The 120 credit Master with econometrics comprises :

- core subjects of 75 credits ;
- a focus of 30 credits ;
- three courses to choose indifferently in the option "Advanced Economic I" or / and in the option "Advanced Economic II" (15 credits)

PLEASE NOTE THAT THIS PROGRAMME IS BOTH GIVEN AND ASSESSED IN ENGLISH

ETRI2M Programme

Detailed programme by subject

CORE COURSES [75.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2022-2023
- ⊙ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year
1 2

● Essay paper and Thesis (40 credits)

● LETRI2900	Thesis		EN [] [] [20 Credits] 🌐		X
● LETRI2800	Essay paper		EN [q1+q2] [] [15 Credits] 🌐	X	
● LETRI2910	Tutorial		EN [] [0h+6h] [5 Credits] 🌐		X

● Advanced Courses in Economics (15 credits)

3 courses out of the following will be offered every year. The student who wants to replace one of this courses by another one from the list Advanced Economic Analysis II will introduce a motivated request.

⊗ LECON2701	Advanced course in economics I	William Parienté	EN [q1+q2] [15h] [5 Credits] 🌐		X
⊗ LECON2702	Advanced course in economics II	Amma Panin	EN [q1+q2] [15h] [5 Credits] 🌐		X
⊗ LECON2703	Advanced course in economics III	Francesca Monti	EN [q1+q2] [15h] [5 Credits] 🌐		X
⊗ LECON2704	Advanced Course in Economics IV	Amma Panin	EN [q1+q2] [15h] [5 Credits] 🌐		X

Year

				1	2
⊗ LECON2705	Advanced Course in Economics V	Francesca Monti	EN [q1+q2] [15h] [5 Credits]		x

o Seminar (5 credits)

1 among :

⊗ LECON2163	Seminar : Econometrics		FR [q1+q2] [] [5 Credits]		x
⊗ LECON2165	Seminar : Economic Theory		FR [q1+q2] [] [5 Credits]		x
⊗ LECON2167	Séminaire économique de Louvain		FR [q1+q2] [] [5 Credits]		x

o Quantitative Methods (10 credits)

o LECON2600	Dynamical Methods in Economics	Rigas Oikonomou	EN [q1] [30h] [5 Credits]	x	
o LECON2500	Mathematics and Statistics for Economics	Rigas Oikonomou Sébastien Van Bellegem	EN [q1] [30h] [5 Credits]	x	

o Econometrics (5 credits)

Un parmi

⊗ LECON2601	Advanced Econometrics II - Time Series Econometrics	Sébastien Van Bellegem	EN [q2] [30h] [5 Credits]	x	
⊗ LECON2602	Advanced Econometrics II - Microeconometrics	William Parienté	EN [q2] [30h] [5 Credits]	x	

RESEARCH FOCUS [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2022-2023
- ⊙ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:**o Foundations in economics (25 credits)**

○ LECON2111	Advanced Microeconomics I: Individual Decision and General Equilibrium	Amma Panin	EN [q1] [30h+6h] [5 Credits] 🌐	X	
○ LECON2112	Advanced Microeconomics II: game theory and information economics	François Maniquet	EN [q2] [30h+6h] [5 Credits] 🌐	X	
○ LECON2121	Advanced Macroeconomics I : Intertemporal Behavior and Business Cycles	Luca Pensieroso	EN [q1] [30h+6h] [5 Credits] 🌐	X	
○ LECON2122	Advanced Macroeconomics II : Growth, Dynamics and Policy	Rigas Oikonomou	EN [q2] [30h+6h] [5 Credits] 🌐	X	
○ LECON2131	Advanced Econometrics	Sébastien Van Bellegem	EN [q2] [30h] [5 Credits] 🌐	X	

⊗ Research seminar I (5 credits)

1 among :

⊗ LECON2653	Research Seminar I : Microeconomics - UNamur Course taught at UNamur / UNamur course code ECONM653/ Description : https://directory.unamur.be/teaching/courses/ECONM653		EN [q2] [30h] [5 Credits] 🌐	X	
⊗ LECON2603	RS I: Econometrics Workshop	Ernesto San Martin Gutiérrez	EN [q2] [30h] [5 Credits] 🌐	X	
⊗ LECON2161	Advanced macroeconomics III	Thomas Baudin (compensates David De la Croix) David De la Croix	EN [q2] [30h] [5 Credits] 🌐	X	

OPTIONS [15.0]

The student chooses three courses (15 credits) among the list Advanced Economic I or among the list Advanced Economic II or among the two lists indifferently. In the first cases, the option will be specifically mentioned in the diploma supplement issued, with the three courses chosen; in the latter case, the three chosen courses will also be repeated, but without an option title.

- > **Advanced Economics I** [en-prog-2022-etri2m-letri220o]
 > **Advanced Economics II** [en-prog-2022-etri2m-letri210o]

ADVANCED ECONOMICS I

- Mandatory
- ✂ Optional
- △ Not offered in 2022-2023
- ⊙ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

The student chooses three courses (15 credits) among the list Advanced Economic I or among the list Advanced Economic II or among the two lists indifferently.

Year

1 2

Content:

Course Code	Course Title	Instructor	Language	Duration	Credits	Open to incoming exchange students	Not offered in 2022-2023	Not offered in 2022-2023 but offered the following year	Offered in 2022-2023 but not the following year	Not offered in 2022-2023 or the following year	Activity with requisites	Year 1	Year 2
LECON2603	RS I: Econometrics Workshop	Ernesto San Martin Gutiérrez	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2601	Advanced Econometrics II - Time Series Econometrics	Sébastien Van Belleghem	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2602	Advanced Econometrics II - Microeconometrics	William Parienté	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2604	Advanced International Trade	Joseph Gomes Gonzague Vannoorenberghe	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2605	Capital Markets Theory		EN	[q2] [30h]	[5 Credits]	🌐	△	⊕				X	X
LECON2607	Public Economics	Jean Hindriks	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2608	Advanced Labour Economics	Vincent Vandenberghe	EN	[q1] [30h]	[5 Credits]	🌐						X	X
LECON2610	Industrial Organization	Johannes Johnen	EN	[q1] [30h]	[5 Credits]	🌐						X	X
LECON2655	Population and Family Economics	Fabio Mariani	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2374	Firm-Level analysis of labour and related issues		EN	[q2] [30h]	[5 Credits]	🌐	△					X	X
LECON2065	History of Economic Thought	Luca Pensieroso	EN	[q1] [30h]	[5 Credits]	🌐						X	X
LECON2069	Ethics and Social Choice	François Maniquet	EN	[q1] [30h]	[5 Credits]	🌐						X	X
LECON2067	Critical Analysis of Market Economies		EN	[q1] [30h]	[5 Credits]	🌐	△	⊕				X	X
LECON2609	Game Theory	Vincent Vannetelbosch	EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2652	Advanced development Economics Course taught at UNamur / UNamur course code ECONM652/ Description : https://directory.unamur.be/teaching/courses/ECONM652		EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2654	Advanced Monetary Economics Course taught at UNamur / UNamur course code ECONM654/ Description : https://directory.unamur.be/teaching/courses/ECONM654		EN	[q2] [30h]	[5 Credits]	🌐						X	X
LECON2625	Fixed Income Securities - KU Leuven		FR	[] []	[5 Credits]	🌐						X	X
LECON2621	Advanced Industrial Economics - KU Leuven		FR	[] []	[5 Credits]	🌐						X	X
LECON2624	Current Development in European Integration - KU Leuven		FR	[] []	[5 Credits]	🌐						X	X
LECON2620	Advanced Environmental and Transportation - KU Leuven		FR	[] []	[5 Credits]	🌐						X	X
LECON2622	Advanced Intern Monetary Eco - KU Leuven		FR	[] []	[5 Credits]	🌐						X	X

ADVANCED ECONOMICS II

- Mandatory
- ⊗ Optional
- △ Not offered in 2022-2023
- ⊖ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

The student chooses three courses (15 credits) among the list Advanced Economic I or among the list Advanced Economic II or among the two lists indifferently.

Year

1 2

o Content:**⊗ Advanced Courses in Economics at UCLouvain**

⊗ LECON2701	Advanced course in economics I	William Parienté	EN [q1+q2] [15h] [5 Credits] 🌐	X	X
⊗ LECON2702	Advanced course in economics II	Amma Panin	EN [q1+q2] [15h] [5 Credits] 🌐	X	X
⊗ LECON2703	Advanced course in economics III	Francesca Monti	EN [q1+q2] [15h] [5 Credits] 🌐	X	X
⊗ LECON2704	Advanced Course in Economics IV	Amma Panin	EN [q1+q2] [15h] [5 Credits] 🌐	X	X
⊗ LECON2705	Advanced Course in Economics V	Francesca Monti	EN [q1+q2] [15h] [5 Credits] 🌐	X	X

⊗ Advanced Courses in Economics at UNamur**⊗ Advanced Courses in Economics at KU Leuven****⊗ Advanced Courses in Economics at USL-B (Bruxelles)****⊗ Advanced Courses in Economics at other Universities**

Alternatives

Erasmus Mundus Joint Master Degree QEM (EMJMD): Models and Methods of Quantitative Economics

The **QEM Models and Methods of Quantitative Economics** is a Master's programme

- with a duration of **two academic years** (120 ECTS credits).
- It is expected that the student carries out their entire course work **attending at least two universities of the QEM Consortium** : Université catholique de Louvain - Université Paris 1 Panthéon-Sorbonne - Universitat Autònoma de Barcelona - Università Ca'Foscari Venezia - SGH Warsaw School of Economics

Note: The mobility track and a joint curriculum are defined and fixed for each accepted candidate during the admission process.

Program structure

The QEM Master is divided into **four semesters of study**, with a mandatory mobility of at least one semester.

The **first year**

- focuses on core courses including Microeconomics, Macroeconomics, Econometrics and Mathematics (Probability, Statistics and Optimization).
- all students enrolled to the QEM program spend the first semester in the same university, with a turnover among institutions to manage this first semester.

For the academic year 2020-2021, the Fall Semester was organized in [Paris, France](#)

- The second semester(30 credits) is spent in any partner university (mobility track): [Barcelona](#) - [Paris](#) - [UCLouvain](#) (<https://uclouvain.be/en/faculties/espo/esl/first-year.html>) - [Venice](#) - [Warsaw](#).

The **second year**

- focuses on specialization and is spent in one of the five consortium universities: [Barcelona](#) - [Paris](#) - [UCLouvain](#) (<https://uclouvain.be/en/faculties/espo/esl/second-year-at-ucl.html>) - [Venice](#) - [Warsaw](#).
- There are several areas of specialization on offer, such as:

- Microeconomics
- Macroeconomics
- International Economics
- Finance
- Econometrics
- Mathematical Economics
- Game Theory
- Behavioral Economics
- Experimental Economics
- Public Economics
- Political Economy
- Insurance
- Finance

Application

Applications have to be submitted via the QEM Consortium ONLY. Please consult the direct link for further information :

<https://master-economics-qem.eu/application-practical>

Even if the application is done via the QEM platform, please keep UCLouvain informed of your application submission. (Send an email to Mrs. Catherine Maréchal catherine.marechal@uclouvain.be)

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.

- Mandatory
- ⊗ Optional
- △ Not offered in 2022-2023
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- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

⊗ Cours de base

⊗ En économie

en fonction des connaissances de départ, au moins un cours parmi :

⊗ LECGE1212	Macroeconomics	Vincent Bodart Etienne De Callatay Hélène Latzer (compensates Fabio Mariani)	FR [q1 or q2] [45h+15h] [5 Credits] 🌐
⊗ LECGE1222	Microeconomics	Johannes Johnen Arastou Khatibi François Maniquet	FR [q1 or q2] [45h+15h] [5 Credits] 🌐
⊗ LECGE1115	Political Economics au Q1 avec P. Dehez	Rigas Oikonomou Gonzague Vannoorenberghe	FR [q1] [45h+15h] [5 Credits] 🌐

⊗ En statistiques

en fonction des connaissances de départ tout ou partie de :

⊗ LECGE1224	Economics and Management Statistics	Cédric Heuchenne	FR [q2] [30h+15h] [5 Credits] 🌐
⊗ LECGE1316	Econometrics	Michel Beine (compensates Muriel Dejemepe)	FR [q1] [30h+15h] [5 Credits] 🌐
⊗ LECGE1335	Data Analysis : modélisation et outils d'analyse de données	Jean-François Maystadt	FR [q2] [30h+15h] [5 Credits] 🌐
⊗ LCOPS1114	Statistics and Bases of Probability Theory	Vincent Bremhorst (compensates Rainer von Sachs) Marie-Paule Kestemont	FR [q1] [30h+30h] [5 Credits] 🌐

⊗ En méthodes mathématiques

en fonction des connaissances de départ tout ou partie de :

⊗ LECGE1112	Mathematics in economy and management	Julien Federinov (compensates Mathieu Van Vyve) Pascal Lambrechts	FR [q1] [45h+30h] [6 Credits] 🌐
⊗ LECGE1230	Mathematics in Economics and Management II	Maria del Carmen Camacho Pérez Pieter Klaessens	FR [q1] [45h+30h] [6 Credits] 🌐
⊗ LECGE1333	Game theory and information in economics		EN [q2] [30h+10h] [5 Credits] △ 🌐

⊗ Cours spécifiques

en fonction des connaissances de départ, un, deux ou trois cours parmi :

⊗ LECGE1121	Economic and Social History au Q1 chez JM Yante	Emmanuel Debruyne	FR [q1] [30h] [4 Credits] 🌐
⊗ LECGE1216	Growth and Development	Mélanie Lefèvre (compensates David De la Croix)	FR [q1] [30h] [5 Credits] 🌐
⊗ LECGE1217	History of Economic Theories	Luca Pensieroso	EN [q2] [30h] [5 Credits] 🌐
⊗ LECGE1228	Regional Economics	Arastou Khatibi (compensates Joseph Gomes)	EN [q2] [30h+10h] [5 Credits] 🌐
⊗ LECGE1312	Public Economics	Jean Hindriks	FR [q2] [30h+15h] [5 Credits] 🌐
⊗ LECGE1330	Industrial organization	Paul Belleflamme	EN [q1] [30h+15h] [5 Credits] 🌐

⌘ LECGE1331	European Economy	François Courtoy	EN [q2] [30h+15h] [5 Credits] 🌐
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⌘ Séminaire

en fonction des connaissances de départ, un parmi :

⌘ LECGE1226	Séminaire : Problématiques du marché du travail	Muriel Dejemepe	EN [q2] [30h+10h] [5 Credits] 🌐
⌘ LECGE1227	Séminaire : Enjeux macroéconomiques européens	Vincent Bodart	EN [q2] [30h+10h] [5 Credits] 🌐
⌘ LECGE1323	Seminar-Workshop: Economics and Climate	Anaïs Perilleux	EN [q2] [30h+10h] [5 Credits] 🌐
⌘ LECGE1334	Seminar : International Trade and environment	Gonzague Vannoorenberghe	EN [q2] [30h+10h] [5 Credits] 🌐

Course prerequisites

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

ETRI2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

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- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Access based on validation of professional experience](#)
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Specific access requirements

Accès sur dossier :

- Le responsable académique du programme détermine sur base du dossier l'éventuel complément de formation que l'étudiant devra ajouter au programme du master.
- Les candidats doivent avoir un bon niveau d'anglais avant d'entamer le master 120 en sciences économiques, orientation économétrie.

Une preuve d'aptitude à suivre des cours en anglais DOIT IMPERATIVEMENT être jointe au dossier de la demande d'admission :

- soit un relevé de note universitaire prouvant que vous avez suivis au minimum 3 cours d'économie en anglais durant votre parcours universitaire antérieur;
- soit la preuve de la réussite d'un test d'anglais de niveau B2 du CECR : Cadre Européen Commun de Référence (Common European Framework).

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
		Direct access	
Tout bachelier	S'il a suivi la mineure en économie	Access based on application	In some cases, the UCLouvain Enrolment Office, after reviewing your online enrolment or re-enrolment application, will ask you to provide an enrolment authorisation from your faculty/ school.
Others Bachelors of the French speaking Community of Belgium			
		Access based on application	
Bachelors of the Dutch speaking Community of Belgium			
		Direct access	
Tout bachelier	S'il peut justifier des connaissances en économie et méthodes quantitatives	Access based on application	
Foreign Bachelors			
		Access based on application	

Non university Bachelors

> Find out more about [links](#) to the university

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
		Access based on application	
Masters			
		Access based on application	

Access based on validation of professional experience

> It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

Entry to all Masters (with the exception of Advanced Masters) can be gained through the special procedure for accrediting prior learning and experience known as VAE (validation des acquis de l'expérience).

Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

Les candidats doivent avoir un bon niveau d'anglais avant d'entamer le master 120 en sciences économiques, orientation économétrie. Une preuve d'aptitude à suivre des unités d'enseignement en anglais DOIT IMPERATIVEMENT être jointe au dossier de la demande d'admission :

- soit un relevé de note universitaire prouvant que vous avez suivis au minimum 3 cours d'économie en anglais durant votre parcours universitaire antérieur;
- soit la preuve de la réussite d'un test d'anglais de niveau B2 du CECR : Cadre Européen Commun de Référence (Common European Framework).

Admission and Enrolment Procedures for general registration

Teaching method

The programme is mainly designed as a training course for research into economics. The teaching methods vary according to objectives. The ex cathedra courses enable students to acquire basic tools for research into economics. Depending on the subject, there may also be additional practical work or reading tasks using relevant academic articles. Students learn how to communicate the results of their research orally through the dissertation seminars. The dissertation helps students to write academic articles. Finally, through Research seminars I and II, students learn how to understand and synthesize presentations which cover new research ground.

Evaluation

The evaluation methods comply with the regulations concerning studies and exams (<https://uclouvain.be/fr/decouvrir/rgee.html>). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Depending on the activity, different forms of assessment are used. The assessment of work for courses will usually take the form of an examination (written or oral) and/or a piece of individual work. The assessment of participation in seminars will be on the production and oral presentation of an individual piece of work or one done by a group. Final dissertations are assessed by a board of examiners, on the basis of a written document and its oral presentation, both at the intermediary and final stages.

To obtain a student's average, the grades awarded for each course unit are weighted by their respective credits.

Mobility and/or Internationalisation outlook

This programme, entirely in English and designed as training for research, is aimed at an international audience. Louvain has a long tradition and an outstanding reputation in this field. The majority of the students doing a doctorate are non-Belgian.

Cooperation with KU Leuven makes the programme more attractive since advanced level subjects (all in English) are available in a wide variety of key fields in economics.

Possible trainings at the end of the programme

- Advanced Masters : Master in International Economics and Development (University Development Commission - Commission universitaire au développement – CUD)
- Doctoral programme training : doctorate in Economic Sciences

Certificates

Students who decide only to take a part of the proposed programme may either move to the 60 credit general Master programme or, alternatively, receive a diploma.

Contacts

Curriculum Management

Entity	
Structure entity	SSH/ESPO/ECON
Denomination	(ECON)
Faculty	Faculty of Economic, Social and Political Sciences and Communication (ESPO)
Sector	Human Sciences (SSH)
Acronym	ECON
Postal address	Place Montesquieu 3 - bte L2.06.01 1348 Louvain-la-Neuve Tel: +32 (0) 10 47 39 53 - Fax: +32 (0) 10 47 32 90 http://www.uclouvain.be/econ.html
Website	http://www.uclouvain.be/econ.html

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Jury

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- François Maniquet

Useful Contact(s)

- Géraldine Carette

