



The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.

**At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In French**

Dissertation/Graduation Project : **YES** - Internship : **optional**

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: **ECON2M** - Francophone Certification Framework: 7

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## ECON2M - Introduction

### Introduction

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#### Introduction

The master focuses on the general, specific, personal and openness skills. The offer of specialisations is based on the areas of expertise of the Economics School of Louvain (ESL): growth and globalisation, development, finance, economy and society, economic policy, Firm strategy & Innovation, European Business, Research oriented.

#### Your profile

- You wish to benefit from a solid and versatile training that will enable you to master the foundations of economics;
- you envisage exploring certain more specialised questions relating to the economic world in greater depth;
- you wish to acquire skills that give access to high-level professional careers.

#### Your future job

Our graduates can be found in the following sectors: banking, public administrations, international institutions, auditing, departments of economic studies, industry. They hold positions in the field of finance, as expert consultants, in marketing, top management and strategy or as economists.

#### Your programme

This training will give you

- a chance to develop the skills necessary for « problem solvers » to understand and analyse today's concrete economic and social questions;
- a specialisation as a function of your professional objectives and personal tastes (specialised goal) or an advanced training in economics as preparation for research (in-depth goal);
- an interdisciplinary approach thanks to the wide range of options in disciplines complementary to economics;
- high-quality instruction within the Economics School of Louvain (ESL), which brings together the UCLouvain and the University of Namur (UNamur);
- the possibility to participate in one of our international masters, with a one-year stay at one of our partner universities (Geneva, Maastricht, Milan, Lisbon, Warsaw).

## ECON2M - Teaching profile

### Learning outcomes

The aim of this programme is to train academics to understand and analyse current practical economic and social questions, 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. Various components such as a dissertation, seminars, group work, study reports and work placement reports will enable students to acquire skills in writing and expression required to practise economics at a professional level. To make the link between theory and practice, work placements and outside study visits (especially in developing countries) are available. Exchanges and other kinds of collaboration with foreign universities offer students the chance of becoming familiar with another culture, improving their foreign language skills and experiencing different kinds of teaching methods.

The programme is centred on a foundation which is both solid and covers a variety of subjects. Starting from this common foundation, three different focuses are available. The research focus develops methods of analysis and research. The professional focus enables students to acquire skills in a special area depending on their chosen career. The teaching focus is mainly designed for students who are aiming for a teaching career in higher secondary education.

#### **Key Learning Outcomes common to all ESL Masters:**

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

#### **1. Analytical skills.**

When deploying and economic analysis of specific and often complex issues, the student will be able to

- 1.1. Identify the relevant issues, grasp the essential elements that are necessary to a proper understanding
- 1.2. Identify what makes an economic model useful, in which context it can be used, and be aware of the role of key assumptions underpinning that model
- 1.3 Identify, beyond the specific and diverse real-life problems, the general methods that are relevant to an economic analysis
- 1.4. Conduct a clear and rigorous analytical reasoning
- 1.5 Identify relevant empirical methods to evaluate theoretical and/or practical issues
- 1.6. Select and collect relevant data, assess their limitations, conduct appropriate statistical analysis,
- 1.7 Interpret the results of statistical/econometric analysis and explain the problems and limitations underlying these tools

#### **2. Intellectual and methodological autonomy:**

when pursuing an economic analysis of diverse and complex issues, the ESL student will

- 2.1 be aware of the interactions between economic analysis and those stemming from other human and social sciences; and be able to adopt a critical stance vis-à-vis economics in general
- 2.2 be capable to distinguish the positive and normative moments of economic reasoning
- 2.3 be able to propose an original way, grounded in economic reasoning, of solving real-life economic problems
- 2.4 demonstrate an ability to use the tools of economics in innovative ways.

#### **3. Depth knowledge in at least three areas of the economy**

- 3.1. The student will deepen their knowledge in at least three areas of economics: macroeconomics, finance, development economics, international economics, labor economics, social economics, industrial economics, public economics...
- 3.2. In the research focus, the student will be trained to become an academic researcher.
- 3.3. In the teaching focus, the student will be trained to become a teacher.

#### **4. Communication and relational skills.**

- 4.1 communicate effectively in written form,
- 4.2 communicate effectively in oral form,
- 4.3 express his view in a technical language,
- 4.4 express his view in everyday language,
- 4.5 develop collaborative skills and work in a team.

#### **5. Act in a professional and international environment.**

- 5.1. able to adapt and act in a demanding and dynamic professional world,
- 5.2. able to operate in an international and multicultural environment, where English is the lingua franca,
- 5.3. capable of leveraging their economist skills to advise, manage, or lead companies, associations, and public organizations,
- 5.4. versatile in their professional scope and possessing a genuine ability to influence the evolution of their environment.

1. Develop an economic line of reasoning.

Develop an economic line of reasoning: develop an accurate economic analysis of real-life and often complex problems/issues, implementing a robust scientific approach and using the necessary analytical skills.

FA.1. Master and critically mobilize specialized knowledge and skills in microeconomics.

FA.2. Master and critically mobilize specialized knowledge and skills in macroeconomics.

FA.3. Master and critically mobilize specialized knowledge and skills in econometrics.

FA.4. Conduct a scientific approach resulting in the writing of a research paper meeting the requirements of a scientific article.

2. "Problem solver"

Consider, analyse and resolve a real-life and complex socio-economic problem in a pertinent, critical and innovative manner using an approach based on economic reasoning and in interaction with other human sciences disciplines, displaying intellectual and methodological independence.

FS.1. Demonstrate knowledge and critical reflection on current economic affairs.

FS.2. Integrate broader contexts and multidisciplinary dimensions into their analyses, capable of collaborating with specialists from other disciplines.

FS.3. Develop skills for a first concrete professional experience (internship), including the mobilization of academic achievements to act appropriately in concrete situations.

FS.4. Forge a profile as a transversal and versatile expert in economic and social life issues, capable of understanding the complexities of multiple fields.

#### **Teaching Focus (FD). If following teaching focus:**

Mobilize the necessary skills to effectively enter the profession of secondary school teacher in the field of economics and social sciences, and to positively evolve within it.

FD.1. Intervene in a school context, in partnership with various stakeholders.

FD.2. Teach in authentic and varied situations.

FD.3. Exercise a reflective gaze and project oneself in a logic of continuous development.

For more details, consult the Secondary School Teaching Aggregation (sociology, political science, anthropology).

#### **4. Communication and interpersonal skills**

Communicate in French and English in a professional manner, both verbally and in writing, while adapting to the target audience and context, as well as interacting and collaborating respectfully and constructively with the different players involved in a given situation.

4.1. Communicate in writing, in a clear and structured manner, in accordance with the communication standards specific to the context and adapting the communication (content and form) to the target audience and intended purpose.

4.2. Communicate verbally, in a clear and structured manner, in accordance with the communication standards specific to the context and adapting the communication (content and form) to the target audience and intended purpose.

4.3. Put their arguments across pertinently using technical language, according to the audience.

4.4. Put their arguments across pertinently in layman's terms, according to the audience.

4.5. Integrate and work effectively within a team and with different stakeholders involved in a given situation (in learning and professional contexts (work placement), nationally or internationally).

4.6. Communicate articulately in English, verbally and in writing, in a clear, coherent and well-argued manner on general matters or issues relating to the field of economics, adapting to suit the audience and the context.

#### **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. apte à évoluer dans un environnement international et multiculturel, dont l'anglais est la langue véhiculaire,
- 5.3. capable de mobiliser ses compétences d'économiste pour conseiller, gérer ou diriger des entreprises, associations et organismes publics,
- 5.4. polyvalent sur le plan professionnel et doté d'une réelle capacité à peser sur l'évolution de son l'environnement?

#### **FA. S'il a suivi la finalité approfondie (recherche),**

Développer et acquérir les connaissances et compétences nécessaires pour se lancer efficacement dans un projet doctoral ou pour s'orienter vers des carrières professionnelles en recherche ou en consultance de haut niveau.

FA.1. Maîtriser et mobiliser de manière critique des connaissances et compétences spécialisées en microéconomie.

FA.2. Maîtriser et mobiliser de manière critique des connaissances et compétences spécialisées en macroéconomie.

FA.3. Maîtriser et mobiliser de manière critique des connaissances et compétences spécialisées en économétrie.

FA.4. Mener une démarche scientifique aboutissant à la rédaction d'un « research paper » répondant aux exigences d'un article scientifique.

#### **FS. S'il a suivi la finalité spécialisée,**

Développer et acquérir les connaissances et compétences d'un économiste capable de participer à la prise de décision dans le secteur privé comme public, tant au niveau local qu'au niveau international.

FS.1. Démontrer une connaissance et une réflexion critique sur l'actualité économique.

FS.2. Intégrer dans leurs analyses des contextes plus larges et la dimension pluridisciplinaire, capable de collaborer avec des spécialistes d'autres disciplines.

FS.3. Développer des compétences propres à une première expérience professionnelle concrète (stage) dont la mobilisation d'acquis universitaires pour agir avec pertinence en situation concrète.

FS.4. Se forger un profil d'expert transversal et polyvalent de questions de la vie économique et sociale sachant appréhender les complexités de multiples terrains.

#### **FD. S'il a suivi la finalité didactique,**

Mobiliser les compétences nécessaires pour entamer efficacement le métier d'enseignant du secondaire supérieur, dans le domaine des sciences économiques et sociales, et pouvoir y évoluer positivement.

FD.1. Intervenir en contexte scolaire, en partenariat avec différents acteurs.

FD.2. Enseigner en situations authentiques et variées.

FD.3. Exercer un regard réflexif et se projeter dans une logique de développement continu.

Pour plus de détails, consultez l'Agrégation de l'enseignement secondaire supérieur (sociologie, sciences politiques, anthropologie).

## Programme structure

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This is a joint programme run by UCLouvain (Louvain-la-Neuve) and the University of Namur within the *Economics School of Louvain (Louvain-la-Neuve)*. The core subjects and professional focus are shared, being taught in French on one campus and English on the other (Louvain-la-Neuve and Namur respectively).

There is also close cooperation with the Economics Department of KU Leuven: students may study up to three subjects from the relevant programme at KU Leuven without having to seek special permission to do so.

### A. course structure

The 120 credit Master in Economic Science (general) is made up of

- core subjects of 60 credits relating to the area chosen;
- a focus (research, teaching or professional) of 30 credits;
- options and/or additional subjects relating to the focus for 30 credits.

Each year of the two year course must contain 60 credits.

#### Core subjects (60 credits)

The core subjects are made up of three components:

- 20 credits for basic training;
- 20 credits for optional subjects;
- 20 credits for a dissertation.

#### Focuses (30 credits)

Three kinds of focus are available:

- a *research focus* leading to research;
- a *teaching focus* leading to teaching (UNamur in Namur, UCLouvain in Louvain-la-Neuve);
- a *professional focus* leading to economics as a career.

Students select their focus on joining the course. It is possible to change this decision, at the latest by 1 November of the first year; however this may, to a greater or lesser extent, complicate the choice of possible subjects or other activities. (cf. below)

#### Options and optional subjects (30 credits)

Depending on which focus they have selected, students make up their programme with one or more of the following options and/or optional subjects.

##### 1. Professional options (30 credits)

Students who select a professional focus can choose one of the following eight professional options (each of which is worth 30 credits).

1. Cycles, Growth and Globalisation (UCLouvain in Louvain-la-Neuve)
2. Development Economics (UNamur in Namur)
3. Financial Economics (UCLouvain and UNamur in Namur)
4. Public Economics and Social Policies, Norms and Institutions. (UCLouvain in Louvain-la-Neuve)
5. Political Economy and Social Policies (UCLouvain in Louvain-la-Neuve)
6. Economic Policy (UNamur in Namur)
7. Economics of Business Strategies and Innovation (UCLouvain in Louvain-la-Neuve)
8. European Business (UCLouvain in Louvain-la-Neuve)

NOTE: These options are also available for students who choose the **teaching focus**.

##### 2. Advanced Economic Analysis I Option (15 credits)

Students doing the research focus are strongly recommended to take this option which is reserved for them. They will have the opportunity of applying the most advanced methods of analysis to particular sectors of the economy.

##### 3. Extra options

These extra options are open to all students irrespective of the focus they have chosen.

###### Options with a professional perspective (15 credits)

These options are open to all students irrespective of their focus. Students doing a research focus will acquire basic training in an area other than their main specialisation. (30 credits; cfr above).

###### Options which enhance a specialisation (15 credits)

These options enable students with a professional focus to do more in-depth training in their chosen area of specialisation; this option is therefore only open to students with the relevant specialisation.

###### Quantitative Methods Option (15 credits)

Students who choose this option will consolidate their training in quantitative methods.

###### Professional Foreign Language Options (Louvain-la-Neuve; 15 credits)

This option offers the opportunity for in-depth study of one of three Germanic languages (English, German or Dutch).

###### Language and International Outlook (Namur; 15 credits)

This option offers the opportunity for in-depth study of one or two languages (English, German, Dutch and Spanish), learning a new language (possibly in the context of a work placement) and encourages an international outlook which puts language learning into context.

##### 4. Optional subjects

Depending on their other choices, students may make up their programme with one or several subjects from the list of optional subjects (see the detailed list).

Whatever focuses and options are chosen, the programme for this Master must total a minimum of 120 credits, spread over two years of study. This corresponds to 60 credits per year.

## ECON2M Programme

### Detailed programme by subject

#### CORE COURSES [30.0]

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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#### ● Formation de base (5 credits)

Un cours d'économétrie appliquée parmi trois

Course Code	Course Title	Teaching Language	Credits	Open to incoming exchange students	Year 1	Year 2
✘ LECON2031	Applied Econometrics : Time Series	EN	[q1] [30h+12h] [5 Credits]	🌐	X	
✘ LECON2033	Applied econometrics: Microeconometrics	FR	[q1] [30h+12h] [5 Credits]	🌐	X	
✘ LECON2826	Applied Econometrics Course taught at UNamur / UNamur course code ECONM826/ description : <a href="https://directory.unamur.be/teaching/courses/ECONM826">https://directory.unamur.be/teaching/courses/ECONM826</a>	EN	[q1] [30h+12h] [5 Credits]	🌐		X

#### ● Reflexive Courses (5 credits)

L'étudiant en finalité approfondie choisira en priorité un des cours du groupement « Cours réflexifs approfondis ». L'étudiant en finalité spécialisée ou en finalité didactique ne pourra choisir un cours de ce même groupement que sur autorisation du professeur (cours concernés: LECON2065, LECON2067, LECON2069)

1 parmi les cours suivants :

#### ✘ Reflexive courses (5 credits)

1 course among :

Course Code	Course Title	Teacher	Teaching Language	Credits	Open to incoming exchange students	Year 1	Year 2
✘ LECON2421	History of Economic and Social Development		EN	[q2] [30h] [5 Credits]	🌐	X	X
✘ LECON2061	Philosophy and epistemology of the economics	Gregory Ponthiere	EN	[q1] [30h] [5 Credits]	🌐	X	X
✘ LECON2907	Institutional Foundations of Markets Course taught at UNamur / UNamur course code ECONM907 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM907">https://directory.unamur.be/teaching/courses/ECONM907</a>		EN	[q2] [30h] [5 Credits]	🌐	X	X

#### ✘ Advanced reflexive courses (5 credits)

For the Professional Focus : courses LECON2065, LECON2067, LECON2069 require teacher authorization.

Course Code	Course Title	Teacher	Teaching Language	Credits	Open to incoming exchange students	Year 1	Year 2
✘ LECON2065	History of Economic Thought	Luca Pensieroso	EN	[q1] [30h] [5 Credits]	🌐	X	
✘ LECON2067	Critical Analysis of Market Economies		EN	[q1] [30h] [5 Credits]	🌐	X	
✘ LECON2069	Ethics and Social Choice		EN	[q1] [30h] [5 Credits]	🌐	X	

o Mémoire (20 credits)

⌘ Pour les étudiants de finalité didactique ou spécialisée

<input type="radio"/> LECON2910	Thesis		EN [ ] [20 Credits]		X
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⌘ Pour les étudiants de la finalité approfondie

<input type="radio"/> LECON2910A	Séminaire de préparation au mémoire <i>The dissertation preparation seminar consists of the analysis and presentation of a scientific article.</i>		EN [q2] [ ] [5 Credits]		X
<input type="radio"/> LECON2910B	Mémoire		EN [ ] [ ] [15 Credits]		X

## LIST OF FOCUSES

L'étudiant choisit sa finalité en entamant son master. Il peut modifier ce choix dans les semaines qui suivent, mais son programme doit être fixé définitivement et validé par le jury le 31 octobre au plus tard ; cette réorientation peut impliquer des contraintes plus ou moins fortes sur les choix des cours ou activités ultérieurs.

Note :

Les 30 crédits de la finalité didactique sont suivis entièrement soit sur le site de Louvain-la-Neuve soit sur celui de Namur.

- > [Research Focus](#) [ en-prog-2024-econ2m-lecon200a ]
- > [Professional Focus](#) [ en-prog-2024-econ2m-lecon207s ]
- > [Teaching Focus](#) [ en-prog-2024-econ2m-lecon200d ]

## RESEARCH FOCUS [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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### o Content:

#### o Advanced microeconomics (UCLouvain) (10 credits)

● LECON2111	<a href="#">Advanced Microeconomics I: Individual Decision and General Equilibrium</a>		EN [q1] [30h+6h] [5 Credits] 🌐	X	X
● LECON2112	<a href="#">Advanced Microeconomics II: game theory and information economics</a>	François Maniquet	EN [q2] [30h+6h] [5 Credits] 🌐		X

#### o Advanced macroeconomics (UCLouvain) (10 credits)

● LECON2121	<a href="#">Advanced Macroeconomics I : Intertemporal Behavior and Business Cycles</a>		EN [q1] [30h+6h] [5 Credits] 🌐		X
● LECON2122	<a href="#">Advanced Macroeconomics II : Growth, Dynamics and Policy</a>	Rigas Oikonomou	EN [q2] [30h+6h] [5 Credits] 🌐		X

#### o Quantitative methods (5 credits)

● LECON2131	<a href="#">Advanced Econometrics</a>		EN [q2] [30h] [5 Credits] 🌐		X
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#### o Research seminar I (5 credits)

1 parmi :

⊗ LECON2161	<a href="#">Advanced macroeconomics III</a>		EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2653	<a href="#">Research Seminar I : Microeconomics - UNamur</a> Course taught at UNamur / UNamur course code ECONM653/ Description : <a href="https://directory.unamur.be/teaching/courses/ECONM653">https://directory.unamur.be/teaching/courses/ECONM653</a>		EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2603	<a href="#">RS I: Econometrics Workshop</a>		EN [q2] [30h] [5 Credits] 🌐		X



**PROFESSIONAL FOCUS [30.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

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**o Content:**

○ LECON2806	<a href="#">Using economic tools to solve global challenges</a> [C] <i>Ce cours est obligatoire pour l'étudiant inscrit dans la finalité spécialisée. Il démarre au Q1 et s'organise à la suite de l'activité de remise à niveau BOOTCAMP - Tools and Methods for Economists. Lien vers la page : <a href="https://directory.unamur.be/teaching/courses/ECONM820">https://directory.unamur.be/teaching/courses/ECONM820</a></i>		(FR) [q1+q2] [60h] [10 Credits] 🌐	X	
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**o Séminaire d'actualité - ACTU (5 credits)**

1 parmi 4 :

⊗ LECON2446	<a href="#">Seminar on Contemporary Economic Issues I</a>		EN [q2] [30h] [5 Credits] 🌐	X	X
⊗ LECON2373	<a href="#">Seminar on Contemporary Economic Issues II</a> <i>Course taught at UCLouvain / Course description available on UNamur ECONM373 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM373">https://directory.unamur.be/teaching/courses/ECONM373</a></i>		EN [q2] [30h] [5 Credits] 🌐	X	X
⊗ LECON2382	<a href="#">Seminar on Contemporary Economic Issues III</a>		EN [q2] [30h] [5 Credits] 🌐	X	X
⊗ LECON2820	<a href="#">Seminar on Contemporary Economic Issues IV</a> [M] <i>Course taught at UNamur / UNamur course code ECONM820 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM820">https://directory.unamur.be/teaching/courses/ECONM820</a></i>		EN [q1] [30h] [5 Credits] 🌐	X	X

**o Activité d'apprentissage (15 credits)**

L'étudiant choisit de réaliser un stage et le séminaire "économie-monde professionnel" ou de prendre 3 cours supplémentaires dans la liste des cours du bloc "finalité spécialisée"

**⊗ Stage (15 credits)**

○ LECON2490	<a href="#">Stage-Internship</a>		(FR) [q1 or q2] [60h] [10 Credits] 🌐		X
○ LECON2492	<a href="#">Seminar : Economics - Professional World</a>		(FR) [q1 or q2] [30h] [5 Credits] 🌐		X

**TEACHING FOCUS [30.0]**

**IMPORTANT NOTE:** In accordance with article 138 para. 4 of the decree of 7 November 2013 concerning higher education and the academic organisation of studies, teaching practice placements will not be assessed in the September session. Students are required to make every effort to successfully complete the teaching practice in the June session, subject to having to retake the year.

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

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**o Content:****⊗ - (30 credits)**

Offerte sur le site UCLouvain

**o Matières transversales (6 credits)**

○ LAGRE2400	See specifications in french	Xavier Delgrange Hervé Pourtois (coord.)	[FR] [q2] [20h] [2 Credits] 🌐	X	
○ LAGES2811	Education et interculturelité	Fabrice Dhume	[FR] [q2] [30h+0h] [4 Credits] 🌐	X	

**o Observation et analyse de l'institution scolaire et de son contexte (4 credits)**

Choisir 1 des activités suivantes. Le cours et le séminaire doivent être suivis au même quadrimestre.

⊗ LAGRE2120P	Observation et analyse de l'institution scolaire et de son contexte (en ce compris le stage d'observation)		[FR] [q1] [22.5h+25h] [4 Credits] 🌐	X	
⊗ LAGRE2120Q	Observation et analyse de l'institution scolaire et de son contexte (en ce compris le stage d'observation)		[FR] [q2] [22.5h+25h] [4 Credits] 🌐	X	

**o Comprendre l'adolescent en situation scolaire, gérer la relation interpersonnelle et animer le groupe classe (4 credits)**

Choisir 1 des activités suivantes. Le cours et le séminaire doivent être suivis au même quadrimestre.

⊗ LAGRE2020P	Comprendre l'adolescent en situation scolaire, Gérer la relation interpersonnelle et animer le groupe classe.		[FR] [q2] [22.5h+22.5h] [4 Credits] 🌐	X	
⊗ LAGRE2020Q	Comprendre l'adolescent en situation scolaire, Gérer la relation interpersonnelle et animer le groupe classe.		[FR] [q2] [22.5h+22.5h] [4 Credits] 🌐	X	

**o Formation disciplinaire de base (10 credits)**

○ LAGES2804	Didactique des sciences économiques	Olivier Kahnes	[FR] [q1] [30h] [3 Credits] 🌐		X
○ LAGES2805	Micro-enseignement		[FR] [q1] [0h+15h] [1 Credits] 🌐		X
○ LAGES2807	Didactique du qualifiant dans les domaines des sciences économiques et des sciences humaines et sociales	Anne Nossent	[FR] [q1] [15h] [2 Credits] 🌐		X
○ LAGES2808	Didactique du qualifiant dans les domaines des sciences économiques	Olivier Kahnes	[FR] [q1] [15h] [2 Credits] 🌐		X
○ LAGES2810	Analyse socio-didactique des dispositifs d'enseignement	Miguel Souto Lopez	[FR] [q2] [15h] [2 Credits] 🌐		X

**o Stage et séminaire d'accompagnement des stages (6 credits)**

Les UE LAGES2800 et LAGES2820 doivent obligatoirement se prendre simultanément.

○ LAGES2800	Séminaire d'accompagnement des stages d'enseignement	Julie Louette	[FR] [q1+q2] [15h] [2 Credits] 🌐		X
○ LAGES2820	Stages d'enseignement		[FR] [q1+q2] [0h+40h] [4 Credits] 🌐		X

**⊗ - (30 credits)**

Les cours de cette finalité sont offerts sur le site UNamur. Leur description est disponible sur le site de l'UNamur : <https://www.unamur.be/eco/etudes-economie/description-master>

				Year	
				1	2
○ LAGRE2209	Fondements de la neutralité (FAGR M409 - B Hespel) Course taught at UNamur / UNamur course code FAGRM409 / Description : <a href="https://directory.unamur.be/teaching/courses/FAGRM409">https://directory.unamur.be/teaching/courses/FAGRM409</a>		FR [q2] [20h] [2 Credits] ⓘ	x	x
○ LFAGR2201	Education Scolaire et Société (FAGR M401 - E Charlier / M Romainville) Course taught at UNamur / UNamur course code FAGRM401 / Description : <a href="https://directory.unamur.be/teaching/courses/FAGRM401">https://directory.unamur.be/teaching/courses/FAGRM401</a>		FR [q2] [30h+10h] [4 Credits] ⓘ	x	
○ LFAGR2402	Psychopédagogie I (M402 - UNamur) Course taught at UNamur / UNamur course code FAGRM402 / Description : <a href="https://directory.unamur.be/teaching/courses/FAGRM402">https://directory.unamur.be/teaching/courses/FAGRM402</a>		FR [q1] [30h+20h] [4 Credits] ⓘ	x	
○ LFAGR2406	Psychopédagogie II (M406 - UNamur) Course taught at UNamur / UNamur course code FAGRM406 / Description : <a href="https://directory.unamur.be/teaching/courses/FAGRM406">https://directory.unamur.be/teaching/courses/FAGRM406</a>		FR [q2] [30h+10h] [3 Credits] ⓘ	x	
○ LEAGR2107	Didactique des sciences économiques et des sciences de gestion I (M107 - UNamur) Course taught at UNamur / UNamur course code EAGRM107/ Description : <a href="https://directory.unamur.be/teaching/courses/EAGRM107">https://directory.unamur.be/teaching/courses/EAGRM107</a>		FR [q1] [30h+15h] [5 Credits] ⓘ	x	
○ LEAGR2108	Stage débutant en enseignement secondaire et Analyse des pratiques (M108 - UNamur) Course taught at UNamur / UNamur course code EAGRM108/ Description : <a href="https://directory.unamur.be/teaching/courses/EAGRM108">https://directory.unamur.be/teaching/courses/EAGRM108</a>		FR [q1+q2] [3h+12h] [2 Credits] ⓘ	x	
○ LEAGR2209	Stage de perfectionnement en enseignement secondaire et Analyse des pratiques (EAGR M209 R Vincent)		FR [q2] [7h+38h] [5 Credits] ⓘ		x
○ LEAGR2204	Didactique des sciences économiques et des sciences de gestion II (M204 - UNamur)		FR [q2] [30h] [3 Credits] ⓘ		x

### ○ Cours au choix (2 crédits)

Un cours au choix parmi:

⊗ LFAGR2403	Education aux nouvelles technologies de l'enseignement et de l'apprentissage (FAGR M403)		FR [q2] [15h] [2 Credits] ⓘ	x	x
⊗ LFAGR2404	Analyse des pratiques (FAGR M404)		FR [q2] [8h+7h] [2 Credits] ⚠ ⓘ	x	x
⊗ LFAGR2405	Initiation aux pratiques de tutorat (FAGR M405)		FR [q2] [4h+11h] [2 Credits] ⓘ	x	x
⊗ LEAGR2408	Stage d'ouverture (EAGR M408)		FR [q1] [0h+15h] [2 Credits] ⓘ	x	x
⊗ LSAGR2205	Didactique et épistémologie des mathématiques I (y compris stage) (M205 - UNamur) Course taught at UNamur / UNamur course code SAGRM205/ Description : <a href="https://directory.unamur.be/teaching/courses/SAGRM205">https://directory.unamur.be/teaching/courses/SAGRM205</a>		FR [q1] [15h+15h] [2 Credits] ⓘ	x	x
⊗ LFAGR2407	Interroger les aspects rationnels et émotionnels du métier d'enseignant - UNamur (M407) Course taught at UNamur / UNamur course code FAGRM407/ Description : <a href="https://directory.unamur.be/teaching/courses/FAGRM407">https://directory.unamur.be/teaching/courses/FAGRM407</a>		FR [q2] [10h+5h] [2 Credits] ⓘ	x	x

## OPTIONS

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En fonction de la finalité choisie, l'étudiant complètera son programme comme suit :

### **Avec la finalité didactique:**

L'étudiant choisit:

- 3 options de spécialisation (45 crédits) ou 2 options de spécialisation pour la finalité spécialisée si l'option INEO (30 crédits) est choisie.
- 4 cours au choix (20 crédits)

Note : parmi les 20 crédits de cours au choix, il peut décider de choisir une option de spécialisation supplémentaire de 15 crédits + 1 cours au choix de 5 crédits.

### **Avec la finalité spécialisée :**

L'étudiant choisit:

- 3 options de spécialisation (45 crédits) ou 2 options de spécialisation pour la finalité spécialisée si l'option INEO (30 crédits) est choisie.
- 4 cours au choix (20 crédits) avec obligation de choisir un séminaire SAE parmi les 4 offerts.

Note : parmi les 20 crédits de cours au choix, il peut décider de choisir une option de spécialisation supplémentaire de 15 crédits + 1 cours au choix de 5 crédits.

### **Avec la finalité approfondie:**

L'étudiant choisit:

- 2 options de spécialisation (30 crédits)
- 1 cours de Mathematics and Statistics for Economists (LECON2500) - 5 crédits
- 1 cours réflexif parmi LECON2065, LECON2067 et LECON2069 - 5 crédits
- 1 cours au choix parmi l'offre de cours au choix - 5 crédits
- 4 cours au choix dans l'option Advanced Economic Analysis I - 20 crédits

Rem: L'étudiant peut choisir ses cours au choix parmi l'ensemble des cours repris dans les 11 options de spécialisation, ainsi que parmi les cours repris dans les 4 groupes de "Cours au choix". **Le choix doit être approuvé par le comité de gestion des programmes de la ESL (Economics School of Louvain).**

#### Electives

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- > Business cycles and fluctuations (UCLouvain- FR/EN) [ en-prog-2024-econ2m-lecon250o ]
- > Politique économique : fondements et applications (Site UNamur - FR) [ en-prog-2024-econ2m-lecon251o ]
- > Finance : Markets (Site UNamur - EN) [ en-prog-2024-econ2m-lecon252o ]
- > Money and Finance (UCLouvain - FR/EN) [ en-prog-2024-econ2m-lecon259o ]
- > Economic Development and the Environment (site UNamur - EN) [ en-prog-2024-econ2m-lecon260o ]
- > Growth and Globalization (site UCLouvain - EN) [ en-prog-2024-econ2m-lecon261o ]
- > Public Affairs (Site UNamur - FR/EN) [ en-prog-2024-econ2m-lecon255o ]
- > Labour and Human Ressource Economics (Site UCLouvain - EN) [ en-prog-2024-econ2m-lecon262o ]
- > Economie, société et transition socio-écologique (UCLouvain - FR/EN) [ en-prog-2024-econ2m-lecon253o ]
- > Competition and Innovation (Site UCLouvain - EN) [ en-prog-2024-econ2m-lecon256o ]
- > International and Regional Economics (Site UCLouvain - EN) [ en-prog-2024-econ2m-lecon257o ]
- > INEO - Formation interdisciplinaire en entrepreneuriat [ en-prog-2024-econ2m-lecon211o ]
- > Advanced Economic Analysis I Elective courses taught in UCLouvain or UNamur or KU Leuven [ en-prog-2024-econ2m-lecon258o ]

#### Elective courses

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- > Cours au choix [ en-prog-2024-econ2m-lecon876o ]

## ELECTIVES

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### **BUSINESS CYCLES AND FLUCTUATIONS (UCLouvain- FR/EN) [15.0]**

#### **CLUSTER : MACRO & FINANCE**

Objectives:

This option aims to provide the students with an understanding of the drivers of business cycle fluctuations and the policy responses enacted by governments, central banks and regulators in response to these swings. The sort of questions addressed are the following. What drives recessions and expansions? How can we forecast business cycle dynamics? How do the economic effects of unexpected events (shocks) propagate through the economic system? What monetary, fiscal and macroprudential policies can be put in place to address them?

Overall this strand has a strong quantitative and data-oriented component and will provide the students with an understanding of the models and the econometric techniques used to understand the causes of business cycle dynamics and the policy responses enacted, as well as technique to forecast its evolution.

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

o Content:

● LECON2313	Empirical macroeconomics [M]		EN [q2] [30h] [5 Credits] 🌐	X	X
● LECON2311	Business cycle analysis and short-term macroeconomic forecasts		FR [q2] [30h] [5 Credits] 🌐	X	X
● LECON2021	Economic Fluctuations and Foundations of Macro Policy		FR [q2] [30h] [5 Credits] 🌐	X	X

## POLITIQUE ÉCONOMIQUE : FONDEMENTS ET APPLICATIONS (SITE UNAMUR - FR) [15.0]

### Clusters : Macro & Finance ; Public affairs

L'objectif de cette option est de sensibiliser les étudiants aux effets attendus des décisions de politique économique. L'accent porte sur les politiques qui ont pour but de modifier les décisions privées et qui affectent les agrégats macroéconomiques. Il tient compte des interdépendances entre différents marchés et de l'évolution du cadre décisionnel européen. Les étudiants apprennent également à manipuler un outil informatique de simulation de l'économie belge.

Au terme de l'option, l'étudiant a acquis une capacité à :

- discerner les conditions sous lesquelles des politiques économiques sont souhaitables, même en l'absence d'externalité explicite ou de volonté de redistribution ;
- évaluer les stratégies européennes adoptées pour répondre aux défis économiques et budgétaires ;
- identifier et quantifier les effets macroéconomiques attendus des décisions de politique économique en Belgique ;
- choisir les politiques à mettre en œuvre pour atteindre les objectifs économiques qu'il s'est fixé.

- Mandatory
- ✂ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

### Content:

				1	2
○ LECON2862	<a href="#">Politique économique et finances publiques</a> Course taught at UNamur / UNamur course code ECONM862 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM862">https://directory.unamur.be/teaching/courses/ECONM862</a>		FR [q1] [30h] [5 Credits] 🌐	X	X
○ LECON2861	<a href="#">Market imperfections: macroeconomic consequences</a> [M] Course taught at UNamur - ECONM861 - Description : <a href="https://directory.unamur.be/teaching/courses/ECONM861">https://directory.unamur.be/teaching/courses/ECONM861</a>		FR [q1] [30h] [5 Credits] 🌐	X	X
○ LECON2860	<a href="#">Economic Policies: Simulation exercice - Namur</a> Course taught at UNamur (UNamur course code ECONM860 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM860">https://directory.unamur.be/teaching/courses/ECONM860</a> )		FR [q1] [30h] [5 Credits] 🌐	X	X

**FINANCE : MARKETS (SITE UNAMUR - EN) [15.0]****CLUSTERS : MACRO & FINANCE; FIRM STRATEGIES AND MARKETS**

## Objectives:

The "Financial markets" option prepares the students to the management of financial risk at the level of a firm, a bank or any portfolio of assets and activities. It studies and measures how risk originates in market movements (a.o. volatility), in leverage, in asset quality, liquidity and maturity, and in asymmetric information. Diversification, hedging and mutualisation of risk are studied and put in the context of various situations and economic actors. Students are also introduced into the processing of information produced by markets and by financial intermediaries. The three courses take three different points of view, one starts from the financing of the firm (corporate finance), the second one starts from the management of a bank and of other financial institutions (including insurance companies, pension funds and market infrastructure), the third one starts from interest rates and credit risk. The pedagogical approach is mixed in all three courses: next to the presentation of concepts and tools by the professor, students are asked to look at data, discuss challenging questions and write or present brief reports on scientific papers, case studies or data analysis.

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

**o Content:**

● LECON2331	<a href="#">Economics of Finance and Risk Management</a> <i>Course taught at UNamur (UNamur)</i>		EN [q2] [30h] [5 Credits] 🌐	X	X
● LECON2336	<a href="#">Management of Banks and Financial Institutions</a> <i>Course taught at UNamur (Namur)</i>		EN [q2] [30h] [5 Credits] 🌐	X	X
● LECON2831	<a href="#">Corporate Finance and Financial Intermediation</a> <i>Course taught at UNamur (Namur) / UNamur course code ECONM831 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM831">https:// directory.unamur.be/teaching/courses/ECONM831</a></i>		EN [q2] [30h] [5 Credits] 🌐	X	X

## MONEY AND FINANCE (UCLouvain - FR/EN) [15.0]

### CLUSTERS : MACRO & FINANCE; FIRM STRATEGIES AND MARKETS

Objectives:

The courses in this option will discuss important concepts in monetary, financial economics, banking and monetary policy, focusing on both domestic and international aspects. Issues that will be addressed include, for instance, the objectives and implementation of monetary policy, the transmission channels of monetary policy and its impact on the main macroeconomic variables, the interactions between financial markets and the real economy, the determination of interest rates and exchange rates, the choice of exchange rate regimes, the analysis of banking crisis and exchange rate crisis.

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

### o Content:

					1	2
○ LECON2436	Monetary and Financial Macroeconomics		EN [q1] [30h] [5 Credits] 🌐		x	x
○ LECON2335	International monetary economics		EN [q1] [30h] [5 Credits] 🌐		x	x
○ LECON2834	Monetary Policy Course taught at UCLouvain / Course description available on UNamur ECONM834 / <a href="https://directory.unamur.be/teaching/courses/ECONM834">https://directory.unamur.be/teaching/courses/ECONM834</a>		EN [q1] [30h] [5 Credits] 🌐		x	x



## ECONOMIC DEVELOPMENT AND THE ENVIRONMENT (SITE UNAMUR - EN) [15.0]

### CLUSTERS : SUSTAINABLE DEVELOPMENT; PUBLIC AFFAIRS

This option tackles the challenges facing economic development policies in a context of environmental challenges. What are the tools to fight poverty and inequality? Are governments and societies willing and able to use these tools? Are development policies compatible with a sustainable use of natural resources? What are the policy options to protect the environment?

- Mandatory
- ⌘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

### o Content:

● LECON2821	<a href="#">Growing population and the environment: economic approach</a> [M] <i>Course taught at UNamur / Course description available on UNamur ECONM821 / <a href="https://directory.unamur.be/teaching/courses/ECONM821">https://directory.unamur.be/teaching/courses/ECONM821</a></i>		EN [q1] [30h] [5 Credits] 🌐	x	x
● LECON2822	<a href="#">Development and Institutions: Economic Approaches</a> [M] <i>Course taught at UNamur / Course description available on UNamur ECONM822 / <a href="https://directory.unamur.be/teaching/courses/ECONM822">https://directory.unamur.be/teaching/courses/ECONM822</a></i>		EN [q1] [30h] [5 Credits] 🌐	x	x
● LECON2825	<a href="#">World Poverty and Inequality: diagnostic and policies</a> [M] <i>Course taught at UNamur / Course description available on UNamur ECONM825 / <a href="https://directory.unamur.be/teaching/courses/ECONM825">https://directory.unamur.be/teaching/courses/ECONM825</a></i>		EN [q1] [30h] [5 Credits] 🌐	x	x

## GROWTH AND GLOBALIZATION (SITE UCLOUVAIN - EN) [15.0]

### CLUSTERS : SUSTAINABLE DEVELOPMENT; MACRO & FINANCE

Objectives:

This option studies driving forces of economic growth and structural change and presents the foundations of stabilization policies in a context of increasingly globalized economies. Which policies are effective in correcting disturbances that spill over across countries? How do migration and the demographic transition affect factor accumulation and innovation? To what extent does the diffusion of innovation across borders help poor countries to catch up? How to promote inclusive growth ?

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

### o Content:

				Year	
				1	2
● LECON2828	<a href="#">Structural change, inequality, and development</a> [M] <i>Course taught at UCLouvain / Course description available on UNamur ECONM828 / <a href="https://directory.unamur.be/teaching/courses/ECONM828">https://directory.unamur.be/teaching/courses/ECONM828</a></i>		EN [q2] [30h] [5 Credits] 🌐	X	X
● LECON2310	<a href="#">The origins of growth and development</a> [M]	Fabio Mariani	EN [q2] [30h] [5 Credits] 🌐	X	X
● LECON2823	<a href="#">Global macro-financial linkages</a> [M] <i>Course taught at UCLouvain / Course description available on UNamur ECONM823 / <a href="https://directory.unamur.be/teaching/courses/ECONM823">https://directory.unamur.be/teaching/courses/ECONM823</a></i>		EN [q2] [30h] [5 Credits] 🌐	X	X

**PUBLIC AFFAIRS (SITE UNAMUR - FR/EN) [15.0]**

**CLUSTERS : PUBLIC AFFAIRS; SUSTAINABLE DEVELOPMENT**

Headline:

This option aims to provide students with rigorous methods to understand, design and assess public policy. It proposes useful tools to develop effective, evidence-based solutions and equip students with knowledge and understanding needed to reform and enhance public policies – from the design to the implementation. There is special attention to the formal and quantitative methods in the framing, analysis, and resolution of public policy problems as well as on the practical implementation (the so-called “tinkering and fixing approach to public policy with hands on approach).

Perspectives: Three perspectives on public policy are developed:

- Doing the right thing (prescriptive approach based on operational and relevant objectives);
- Doing things right (the impact and implementation approach with tinkering and fixing in practice)
- Balancing conflicting interests: the “making of” public policy (politics and interest groups)

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊕ Not offered in 2024-2025 but offered the following year
- ⊖ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- ⊕ Open to incoming exchange students
- ⊖ Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

**o Content:**

○ LECON2350	<b>Public Management</b> <i>Course taught at Namur (UNamur)</i>		EN [q2] [30h] [5 Credits]	X	X
○ LECON2411	<b>Norms and Public Intervention</b> <i>Course taught at Namur (UNamur)</i>		EN [q2] [30h] [5 Credits]	X	X
○ LECON2904	<b>Political Economics : Explaining Public Policies</b> <i>Course taught at UNamur / Course description available on UNamur ECONM904 / https://directory.unamur.be/teaching/courses/ECONM904</i>		EN [q2] [30h] [5 Credits]	X	X

## LABOUR AND HUMAN RESSOURCE ECONOMICS (SITE UCLOUVAIN - EN) [15.0]

### CLUSTERS : PUBLIC AFFAIRS; FIRM STRATEGIES AND MARKETS

#### Objectives:

The three courses forming this option aim to acquaint students with traditional and more recent topics in labour economics and to encourage the development of independent research interests and an ability to apply economic theory and econometrics to real-life problems with a labour dimension.

Addressed topics include the question of the future of work (in the presence of rapid technological and demographic changes; but also the energy transition); unemployment and earnings inequalities (causes and remedies); the role of labour market legislation (minimum wage, employment protection, ...), labour taxation, social norms, and social partners (unions...) in wage and employment determination; the contribution of the division of labour and human capital to labour productivity and earnings; the labour vs. capital distribution of income, the origins of gender wage inequality and discrimination on the labour market; and human resources topics (the role and limits of monetary incentives and promotions and the internal labour market inside firms).

To analyse such questions, students need tools. The proposed courses will cover the theories of labour supply and labour demand, the interaction between them under perfect and mainly imperfect competition; these courses discuss labour market (dis)equilibrium, the determinants and consequences of labour productivity, and personnel economics (i.e. the application of economics to traditional questions in human resources management). There is particular emphasis on the interaction between theoretical and empirical modelling. Students will learn to interpret econometric results and to analyse microdata.

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

#### Content:

Course Code	Course Title	Teacher	Language	Duration	Credits	Year 1	Year 2
○ LECON2051	Labor Economics and Employment Policies [M]	Muriel Dejemeppe	EN	[q2] [30h]	[5 Credits]	x	x
○ LECON2353	Labour Productivity		EN	[q2] [30h]	[5 Credits]	x	x
○ LECON2905	Personnel Economics Course taught at UCLouvain / Course description available on UNamur ECONM905 / <a href="https://directory.unamur.be/teaching/courses/ECONM905">https://directory.unamur.be/teaching/courses/ECONM905</a>		EN	[q2] [30h]	[5 Credits]	x	x

## ECONOMIE, SOCIÉTÉ ET TRANSITION SOCIO-ÉCOLOGIQUE (UCLouvain - FR/EN) [15.0]

### CLUSTERS : SUSTAINABLE DEVELOPMENT; PUBLIC AFFAIRS; FIRM STRATEGIES AND MARKETS

#### Objectives:

This option starts from an observation: the "economy" is also a social construct. The module "Economy and Society" aims to develop economic analysis, with particular emphasis on institutionalist perspectives in economics, in dialogue with other social sciences. The objective is to develop an epistemological pluralism and of insights including within economics, in order to better understand the institutional pluralism that characterizes our societies: the economy is not only composed by consumers, workers and for profit enterprises interacting on markets but also of institutions and public policies that regulate these markets, non-profit organizations, social enterprises,...

Various themes are discussed, for which the cross-discipline is particularly fruitful, such as a critical analysis of the foundations and evolution of capitalism, ecological and social transition, social innovation, social policies and protection, social enterprises, third sector and, more generally, the interdependence between economy and society.

At the end of this option, students will be able to analyze the diversity of institutions and organizations that make up our economies. They will be able to develop a multidisciplinary perspective at economic facts, to integrate their analyses into socio-political contexts and to work with specialists from other disciplines.

- Mandatory
- ⌘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

#### o Content:

● LECON2351	Non profit Economics		FR [q1] [30h] [5 Credits] 🌐	X	X
● LECON2340	Economy and society	Isabelle Ferreras	FR [q1] [30h] [5 Credits] 🌐	X	X

#### o Un cours au choix parmi (5 credits)

⌘ LTRAV2720	Comparative social protection systems [M]	Laura Merla	EN [q2] [30h] [5 Credits] 🌐	X	X
⌘ LECSO2320	Innovation sociale, politiques publiques et transitions [M]	Florence Degavre	FR [q1] [30h] [5 Credits] 🌐	X	X
⌘ LECSO2330	Economie sociale et transition écologique et sociale	Anaïs Perilleux	FR [q2] [30h] [5 Credits] 🌐	X	X

**COMPETITION AND INNOVATION (SITE UCLOUVAIN - EN) [15.0]****CLUSTERS : PUBLIC AFFAIRS; FIRM STRATEGIES AND MARKETS**

## Objectives:

Recent decades saw turbulent and disruptive changes in many markets, especially in the digital economy. Some innovative firms like GAFAM (Google, Amazon, Facebook, Apple, or Microsoft) disrupted markets through their new and innovative products, creating huge benefits. But also over the last decades, the markups of firms increased in many markets, suggesting competition is less effective.

This option tackles challenges about firm strategies in markets related to innovation and competition policies. What drives firms to offer new innovative products and to compete with each other? Which strategies do firms apply to benefit from their innovations, or to relax competition and gain a dominant position? When does innovation and competition actually benefit consumers and society? What are the tools of policymakers to induce innovation and competition to the benefit of society?

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

**o Content:**

				1	2
○ LECON2370	<a href="#">Industrial Organization and Competition Policy</a>	<a href="#">Johannes Johnen</a>	EN [q1] [30h] [5 Credits] 🌐	X	X
○ LECON2372	<a href="#">Economics of Competition Policy</a>		EN [q1] [30h] [5 Credits] 🌐	X	X
○ LLSMS2041	<a href="#">Economics of Innovation</a>	<a href="#">Paul Belleflamme</a>	EN [q2] [30h] [5 Credits] 🌐	X	X

## INTERNATIONAL AND REGIONAL ECONOMICS (SITE UCLOUVAIN - EN) [15.0]

### CLUSTERS : FIRM STRATEGIES AND MARKETS; SUSTAINABLE DEVELOPMENT

#### Objectives:

The strong expansion of international trade and the development of global value chains in the last decades has had a profound impact on modern economies. The international division of production, a potential engine of growth, has inevitably raised questions about the distribution of its gains, as well as its social and environmental impact. Within countries, the urban-rural divide has become a source of economic and political concern, and has raised a fear of disconnection between unequal regions. This OS will help students develop their critical thinking on these questions, based on rigorous theoretical and empirical analyses.

We will stress on the key challenges faced both by firms as well as by policy makers in a more integrated world. From the perspective of firms, the spatial organization of production is a major challenge for firms. Should firms locate their establishment in densely populated areas and benefit from agglomeration economies? Should they offshore part of their production abroad? How do they fare in ever more integrated markets? From a policy perspective, should countries protect their local industries through tariffs or other measures? Should regions compete through subsidies to attract investment? What are the best tools to address the distributive, political and environmental issues of globalization?

Useful skills: Beyond gaining analytical rigor in a policy-relevant area of economics, the students following this OS will acquire and hone a valuable set of quantitative skills for the job market. In the International Trade course, students will learn how to manipulate and analyze very large datasets on trade flows. As part of the Economic Geography Course, students will be introduced to Geographic Information System (GIS) methods using ArcGIS, QGIS and Python. The course will cover the essential aspects of working with GIS, including assembling, storing, displaying and analyzing geographically referenced data including data from satellite images, aerial images, remote sensing data, old maps and other sources. By the end of the course, students will acquire the necessary skills to undertake the GIS applications themselves.

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

#### Content:

					1	2
✘ LECON2314	<a href="#">Economic Geography</a>	Joseph Gomes	EN [q2] [30h] [5 Credits] 🌐		X	X
✘ LECON2041	<a href="#">International Trade</a>	Gonzague Vannoorenberghe	EN [q2] [30h] [5 Credits] 🌐		X	X
✘ LECON2865	<a href="#">Trade Policy and International Cooperation</a> <i>Course taught at UCLouvain / Course description available on UNamur ECONM865 / <a href="https://directory.unamur.be/teaching/courses/ECONM865">https://directory.unamur.be/teaching/courses/ECONM865</a></i>		EN [q2] [30h] [5 Credits] 🌐		X	X

**INEO - FORMATION INTERDISCIPLINAIRE EN ENTREPRENEURIAT [30.0]**

Option accessible uniquement aux étudiant.e.s inscrit.e.s à la finalité spécialisée. Par ailleurs, l'étudiant.e qui choisit cette option ne peut pas choisir l'option « Firm's Strategies ».

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

**o Content:**

Prerequisites in management are required. If necessary students will add the course LINEO2021 "Financer son projet".

**o Cours obligatoires (20 credits)**

○ LINEO2001	<a href="#">Théorie de l'entrepreneuriat</a>	Frank Janssen	FR [q1] [30h+20h] [5 Credits] 🌐	X	
○ LINEO2002	<a href="#">Aspects juridiques, économiques et managériaux de la création d'entreprise</a>	Yves De Cordt	FR [q1] [30h+15h] [5 Credits] 🌐	X	
○ LINEO2003	<a href="#">Plan d'affaires et étapes-clefs de la création d'entreprise</a> <i>Le cours LINEO2003 se donne en bloc 1 et bloc 2, mais l'inscription au cours se fait en bloc 2.</i>	Frank Janssen	FR [q2] [30h+15h] [5 Credits] 🌐		X
○ LINEO2004	<a href="#">Séminaire d'approfondissement en entrepreneuriat</a>	Frank Janssen	FR [q2] [30h+15h] [5 Credits] 🌐	X	

**o Cours au choix (10 credits)**

Deux cours parmi :

⊗ LECON2370	<a href="#">Industrial Organization and Competition Policy</a>	Johannes Johnen	EN [q1] [30h] [5 Credits] 🌐	X	X
⊗ LECON2372	<a href="#">Economics of Competition Policy</a>		EN [q1] [30h] [5 Credits] 🌐	X	X
⊗ LLSMS2041	<a href="#">Economics of Innovation</a>	Paul Belleflamme	EN [q2] [30h] [5 Credits] 🌐	X	X
⊗ LINEO2021	<a href="#">Financer son projet</a> <i>UE obligatoire pour les étudiants n'ayant pas de prérequis en gestion. Cette UE doit être suivie en bloc1 du master.</i>		FR [q2] [30h+15h] [5 Credits] 🌐	X	



## ADVANCED ECONOMIC ANALYSIS I ELECTIVE COURSES TAUGHT IN UCLouvain OR UNAMUR OR KU LEUVEN [20.0]

L'option « Advanced Economic Analysis I » est réservée aux étudiants de la finalité approfondie du master 120, et leur est fortement recommandée. Elle offre la possibilité d'appliquer à des champs particuliers de l'économie les méthodes d'analyse les plus avancées.

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

### Content:

#### ⊗ Advanced electives taught in UCLouvain (ESL)

⊗ LECON2600	<a href="#">Dynamical Methods in Economics</a>	<a href="#">Rigas Oikonomou</a>	EN [q1] [30h] [5 Credits] 🌐		X
⊗ LECON2601	<a href="#">Advanced Econometrics II - Time Series Econometrics</a>	<a href="#">Sébastien Van Belleghem</a>	EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2602	<a href="#">Advanced Econometrics II - Microeconometrics</a>	<a href="#">William Parienté</a>	EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2604	<a href="#">Advanced International Trade</a>		EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2605	<a href="#">Capital Markets Theory</a>		EN [q2] [30h] [5 Credits] △ ⊕ 🌐		X
⊗ LECON2607	<a href="#">Public Economics</a>		EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2608	<a href="#">Advanced Labour Economics</a>	<a href="#">Vincent Vandenberghe</a>	EN [q1] [30h] [5 Credits] 🌐		X
⊗ LECON2609	<a href="#">Game Theory</a>	<a href="#">Vincent Vannetelbosch</a>	EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2610	<a href="#">Industrial Organization</a>	<a href="#">Johannes Johnen</a>	EN [q1] [30h] [5 Credits] 🌐		X
⊗ LECON2655	<a href="#">Population and Family Economics</a>	<a href="#">Fabio Mariani</a>	EN [q2] [30h] [5 Credits] ⊙ 🌐		X
⊗ LECON2374	<a href="#">Firm-Level analysis of labour and related issues</a>		EN [q2] [30h] [5 Credits] 🌐		X

#### ⊗ Advanced electives taught in KU Leuven

⊗ LECON2620	<a href="#">Advanced Environmental and Transportation - KU Leuven</a>		FR [] [] [5 Credits] 🌐	X	X
⊗ LECON2621	<a href="#">Advanced Industrial Economics - KU Leuven</a>		FR [] [] [5 Credits] 🌐	X	X
⊗ LECON2622	<a href="#">Advanced Intern Monetary Eco - KU Leuven</a>		FR [] [] [5 Credits] 🌐	X	X
⊗ LECON2623	<a href="#">Corporate Finance - KU Leuven</a>		FR [] [] [5 Credits] 🌐	X	X
⊗ LECON2624	<a href="#">Current Development in European Integration - KU Leuven</a>		FR [] [] [5 Credits] 🌐	X	X
⊗ LECON2625	<a href="#">Fixed Income Securities - KU Leuven</a>		FR [] [] [5 Credits] 🌐	X	X
⊗ LECON2627	<a href="#">The Empirics of Financial Market - KU Leuven</a>		FR [] [30h] [5 Credits] 🌐	X	X

#### ⊗ Advanced electives taught at UNamur

⊗ LECON2652	<a href="#">Advanced development Economics</a> Course taught at UNamur / UNamur course code ECONM652/ Description : <a href="https://directory.unamur.be/teaching/courses/ECONM652">https://directory.unamur.be/teaching/courses/ECONM652</a>		EN [q2] [30h] [5 Credits] 🌐		X
⊗ LECON2654	<a href="#">Advanced Monetary Economics</a> Course taught at UNamur / UNamur course code ECONM654/ Description : <a href="https://directory.unamur.be/teaching/courses/ECONM654">https://directory.unamur.be/teaching/courses/ECONM654</a>		EN [q2] [30h] [5 Credits] 🌐		X

## ELECTIVE COURSES

## COURS AU CHOIX

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

1 2

## o Content:

## ✘ Séminaire d'analyse économique - SAE (5 credits)

For students enrolled in the specialized focus, we highly recommend to choose one of the 4 seminars below to reach the 20 elective course credits for their program.

✘ LECON2827	<a href="#">Economic Analysis Seminar I</a> Course taught at UNamur / UNamur course code ECONM827 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM827">https://directory.unamur.be/teaching/courses/ECONM827</a>		EN [q1] [30h] [5 Credits] 🌐	X	X
✘ LECON2416	<a href="#">Economic Analysis Seminar II - UCLouvain</a>	Vincent Vandenberghe	EN [q2] [30h] [5 Credits] 🌐	X	X
✘ LECON2486	<a href="#">Economic Analysis Seminar III - UCLouvain</a>	Johannes Johnen	EN [q1] [30h] [5 Credits] 🌐	X	X
✘ LECON2824	<a href="#">Economic Analysis Seminar IV</a> Course taught at UNamur / UNamur course code ECONM824 / Description : <a href="https://directory.unamur.be/teaching/courses/ECONM824">https://directory.unamur.be/teaching/courses/ECONM824</a>		EN [q2] [30h] [5 Credits] 🌐	X	X

## ✘ Cours au choix ESL (Economics School of Louvain)

For the Professional Focus and Teaching Focus of the master 120 : course LECON2500 requires teacher authorization.

✘ LESPO2103	<a href="#">Environment and Global Economy</a>		FR [q2] [30h] [5 Credits] 🌐	X	X
✘ LESPO2104	<a href="#">Seminar on management of environmental questions</a>		FR [q2] [30h] [5 Credits] 🌐	X	X
✘ LECON2500	<a href="#">Mathematics and Statistics for Economics</a>		EN [q1] [30h] [5 Credits] 🌐	X	X

## ✘ Cours au choix hors ESL (Economics School of Louvain)

Maximum 2 cours parmi la liste suivante ou parmi la liste de cours du master en économie de la KULeuven (sur approbation de la commission de programme)

✘ LSTAT2110	<a href="#">Data Analysis</a>	Johan Segers	FR [q1] [30h+7.5h] [5 Credits] 🌐	X	X
✘ LSTAT2130	<a href="#">Introduction to Bayesian statistics</a>	Philippe Lambert	EN [q2] [22.5h+7.5h] [5 Credits] 🌐	X	X
✘ LSTAT2140	<a href="#">Non parametric statistics</a>	Eugen Pircalelu	FR [q1] [15h+5h] [5 Credits] 🌐	X	X
✘ LSTAT2150	<a href="#">Nonparametric statistics: smoothings methods</a>		EN [q1] [15h+5h] [5 Credits] 🌐	X	X
✘ LSTAT2170	<a href="#">Times series</a>	Rainer von Sachs	EN [q2] [30h+7.5h] [5 Credits] 🌐	X	X
✘ LSTAT2100	<a href="#">Discrete data analysis.</a>	Anouar El Ghouch	FR [q2] [30h+7.5h] [5 Credits] 🌐	X	X
✘ LSTAT2200	<a href="#">Survey and Sampling</a>		FR [q2] [15h+5h] [5 Credits] 🌐	X	X
✘ LLSMS2225	<a href="#">Derivatives pricing</a>	Frédéric Vrins	EN [q1] [30h] [5 Credits] 🌐	X	X
✘ LLSMS2012	<a href="#">Macro Finance</a>	Leonardo Iania	EN [q2] [30h] [5 Credits] 🌐	X	X
✘ LLSMS2226	<a href="#">Credit and interest rate risk</a>	Frédéric Vrins	EN [q2] [30h] [5 Credits] 🌐	X	X
✘ WFSP2205	<a href="#">Advanced seminar in health economics</a>		FR [q2] [24h+6h] [5 Credits] △ 🌐	X	X

## ✘ Cours de langues (Site UCL)

L'étudiant choisit maximum deux cours parmi :

✘ LMULT2411	<a href="#">Economic, legal, social and political issues in German-speaking countries</a>	Dany Etienne	FR [q1] [30h+15h] [5 Credits] 🌐	X	X
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				Year	
				1	2
⌘ LMULT2414	Oral business communication techniques in German 1		DE [q1] [15h+15h] [5 Credits] 🌐	x	x
⌘ LMULT2223	Reading comprehension and vocabulary extension: economic and commercial texts in English		EN [q1] [22.5h] [5 Credits] 🌐	x	x
⌘ LMULT2421	Economic, legal, social and political issues in English-speaking countries	Paul Arblaster	EN [q1] [30h+15h] [5 Credits] 🌐	x	x
⌘ LMULT2424	Oral business communication techniques in English (Part 1)		EN [q1] [15h+15h] [5 Credits] 🌐	x	x
⌘ LMULT2233	Reading comprehension and vocabulary extension: economic and commercial texts in Dutch	Marlène Vrancx	NL [q1] [22.5h] [5 Credits] 🌐	x	x
⌘ LMULT2431	Economic, legal, social and political issues in Dutch-speaking countries	Philippe Hiligsmann	NL [q1] [30h+15h] [5 Credits] 🌐	x	x
⌘ LMULT2434	Oral business communication techniques in Dutch (Part 1)		NL [q1] [15h+15h] [5 Credits] 🌐	x	x
⌘ LMULT2213	Reading comprehension and vocabulary extension: economic and commercial texts in German	Marie-Luce Collard	DE [q1] [22.5h] [5 Credits] 🌐	x	x

### ⌘ Cours de langues (Site UNamur)

Maximum 2 cours parmi les cours MA1 anglais, néerlandais, allemand et espagnol, organisés aux UNamur. Pour plus de détail, prendre contact avec le secrétariat des étudiants ESL-UNamur

### ⌘ Autres cours au choix

Parmi les cours au choix, l'étudiant peut aussi choisir des cours parmi les options offertes dans le master en économie. Il peut aussi proposer un maximum de 2 cours choisis dans des programmes d'autres facultés (sur approbation de la commission des programmes). Encodez vos choix de cours via le moteur de recherche ci-dessous:

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## 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 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

### ✘ Cours de base

#### ✘ En économie

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

✘ LECGE1212	Macroeconomics	Fabio Mariani	FR [q1 or q2] [45h+15h] [5 Credits] 🌐
✘ LECGE1222	Microeconomics	Johannes Johnen François Maniquet	FR [q1 or q2] [45h+15h] [5 Credits] 🌐
✘ LECGE1115	Political Economics	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	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		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	Pascal Lambrechts Mathieu Van Vyve	FR [q1] [45h+30h] [6 Credits] 🌐
✘ LECGE1230	Mathematics in Economics and Management II		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	Emmanuel Debruynne	FR [q1] [30h] [4 Credits] 🌐
✘ LECGE1216	Growth and Development	David De la Croix	FR [q1] [30h] [5 Credits] 🌐
✘ LECGE1217	History of Economic Theories	Luca Pensieroso	EN [q2] [30h] [5 Credits] 🌐
✘ LECGE1228	Regional Economics	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	Joseph Gomes	EN [q2] [30h+15h] [5 Credits] 🌐

### ✘ Séminaire

en fonction des connaissances de départ, un parmi :

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

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## Course prerequisites

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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

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For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies 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.

## ECON2M - 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

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

### Specific access requirements

#### DIRECT ACCESS

In accordance with the general admission conditions (see below), holders of one of the following academic degrees from the Wallonia-Brussels Federation have direct access:

- an undergraduate academic degree from the same field of study;
- the same second cycle academic degree but in another focus;
- an undergraduate university degree recognized as comprising at least the following subjects (prerequisites):
  - Microeconomics (5 credits)
  - Macroeconomics (5 credits)
  - Statistics in Economics and Management II (5 credits)
  - Mathematics in Economics and Management II (5 credits)
  - Econometrics (5 credits)
  - One among: Public economics (5 credits), Industrial economics (5 credits), European economy (5 credits), Game theory and information economics (5 credits)

### University Bachelors

Diploma	Special Requirements	Access	Remarks
<b>UCLouvain Bachelors</b>			
<a href="#">Bachelor : Business Engineering</a> (Louvain-la-Neuve) <a href="#">Bachelor : Business Engineering</a> (Mons) <a href="#">Bachelor in Economics and Management</a> <a href="#">Bachelor in Management</a> <a href="#">Bachelor in Philosophy, Politics and Economics</a>		Direct access	
#Other Bachelors	With the "Mineure d'accès au master en économie" and with programme responding to the general and specific access conditions.	Direct access	If considered sufficiently complete, the UCLouvain Registration Service will be responsible for submitting, to the faculty, the registration request of the student in order to obtain its decision.
<b>Others Bachelors of the French speaking Community of Belgium</b>			
Bachelier en sciences économiques et de gestion Bachelier en sciences de gestion		Direct access	

Bachelier en sciences économiques  
Bachelier ingénieur de gestion

### Bachelors of the Dutch speaking Community of Belgium

Bachelor in de (toegepaste) economische wetenschappen Direct access

### Foreign Bachelors

All Bachelors	programme responding to the general and specific access conditions.	Direct access
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## Non university Bachelors

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

## Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
<b>"Licenciés"</b>			
Licence en sciences économiques		Direct access	
Licence en sciences économiques appliquées		<a href="#">Access based on application</a>	
<b>Masters</b>			
Master en sciences économiques, orientation générales [60]		Direct access	
Master en sciences de gestion		Access with additional training	
Other Masters		<a href="#">Access based on application</a>	

## Holders of a non-University 2nd cycle degree

No "passerelle" between your initial diploma and this master's degree are organized by the Government Decree. You may nevertheless have access to this master's degree, possibly by adding additional courses to your program.

Please contact the faculty which organizes this master's degree to find out the steps to take. Requests for additional information regarding admission should be addressed to [Géraldine Carette](#). Masters' studies particularly targeted are:

- > MA - Business Engineering
- > MA in Business Management
- > MA in public management
- > MA in administrative sciences
- > MA in commercial sciences

## 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](#).

## 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.

Access after file review means that, based on the complete file submitted, access to the program can:

- either be direct (see above DIRECT ACCESS conditions)
- or require additional training for a maximum of 60 ECTS credits
- or be refused (if the file does not meet the criteria listed below)

Students who do not hold one of the academic degree of the Wallonia-Brussels Federation (see above) have the possibility of requesting admission to the master's program in economics (60 or 120) subject to meeting the attached criteria:

- Hold a recognized diploma (ENIC-NARIC centers) attesting the successful completion of a first-cycle academic degree in economics or similar and have obtained at least 60% (or 12/20) average overall successful academic years at their home university
- Have validated - within the last 7 years - all or most of the subjects considered as prerequisites for access to the master's program in economics, namely
  - Microeconomics
  - Macroeconomics
  - Statistics in economics and management II



- Mathematics in economics and management II
- Économétrie
- One among: Public economics, Industrial economics, European economy, Game theory and information economics
- Prove a good command of English. Proof of aptitude to follow teaching units in English MUST be attached to the admission application file:
- either a university transcript proving that you have successfully completed at least 3 economics courses in English during your previous university career;
- or proof of passing a B2 level English test of the CEFR: Common European Framework of Reference (Common European Framework).

This level results in a TOEFL (iBT) test of at least 79 and an IELTS test of 6.5 (other certified tests are also taken into account). The admission decision will also consider the general quality of the admission file, the dates of obtaining the prerequisites in economics, the curriculum vitae, the motivation and the complete background of the student. These eligibility criteria are necessary but not sufficient.

However, this may be waived subject to significant and duly certified quality professional experience (upon jury decision).

In addition to these conditions, add:

**For the ECON2MD - teaching focus:**

Students wishing to access the teaching focus MUST provide proof of sufficient mastery of the French language (level C1 of the CEFR: Common European Framework of Reference)).

**For ETRI2MA - research focus:**

- The academic manager of the program determines, based on the file, any additional training that the student MUST add to the master's program.
- Students who wish to participate in the international degree program Erasmus Mundus Joint Master Degree QEM (the "Master in Models and Methods of Quantitative Economics") MUST also fulfill the conditions specific to this program.
- See link: [https://master-economics-qem.univ-paris1.fr/application/?no\\_cache=1](https://master-economics-qem.univ-paris1.fr/application/?no_cache=1)

## Admission and Enrolment Procedures for general registration

## Specific professional rules

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Successful completion of the master's course with **teaching focus** leads to the award of the master's degree with teaching focus and the title of secondary school education specialist.

The [Réforme des Titres et Fonctions](#) ("Titles and Functions Reform"), in force since 1 September 2016, is intended to harmonise the titles, functions and pay scales of basic and secondary education professionals in French Community of Belgium networks.

It also aims to guarantee the priority of preferred titles over minimum titles and to establish a regime for titles in short supply.

AESS holders can learn which functions they can carry out and the pay scales from which they can benefit by [clicking here](#).

The university cannot be held responsible for any problems that students may encounter at a later date with a view to a teaching appointment in the French Community of Belgium.

## Teaching method

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- The programme is made up of three components : (i) a solid and wide-ranging base of core subjects, which provides high-level training for general economists ; (ii) the selection of a focus which allows the training to become personalized and include professional perspectives; (iii) the selection of options which introduce related disciplines such as law, management, demography, sociology and statistics linked to the chosen specialisation). This combination of core subjects/focus/related options enables future economist to place their analyses in a wider context and to go on to work with specialists in other fields.
- The teaching methods are designed to train economists who are able to explain and communicate their analyses to different audiences. Through seminars, group work, study reports or work placement reports and writing a dissertation, students develop skills in writing and expression which are vital for practising economics at a professional level.
- To reinforce students' ability to make the link between theory and practice, work placements and external study visits (particularly in developing countries) are available.

## Evaluation

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***The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".***

Depending on the activity, different forms of assessment are used. The assessment of work done 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. Work placements are assessed by a supervisor and also by means of a written work placement report. 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.

## Mobility and/or Internationalisation outlook

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The objective of the programme is to train economists with an outward looking world view and who are used to international contacts.

o Since the core subjects are divided with each subject being taught both in French and English, students may if they wish follow a programme entirely in English. This allows foreign students to attend; it enables Belgian students to acquire an excellent command of professional English alongside students of different nationalities. It is also possible to take courses in professional German, English or Dutch.

o Students who wish to study for an extended period at a foreign university, either in Europe or further afield, may take part in the Erasmus exchange programme. Students are required to follow courses worth a total of 30 credits at the host university. (This replaces the work placement and the four optional subjects).

Possible destinations for students at UCLouvain (Louvain-la-Neuve):

<https://uclouvain.be/en/faculties/espo/esl/destinations.html>

- Germany (Mannheim)
- Latin America (Lima in Peru ; Sao Paulo in Brazil)\*
- Austria (Vienna)
- Canada (Laval)
- Spain (Barcelona, Madrid )
- Italy (Bologna, Rome, Venice)
- Netherlands (Amsterdam, Tilburg)
- Portugal (Lisbon)
- United Kingdom (Glasgow)
- Czech Republic (Prague)

\* Exchange visits to Latin America may, exceptionally, last one year. In this case, the study programme must comprise 30 credits for courses in the host university, 10 for a work placement and 20 for the dissertation. Further details on this can be obtained from the Student Office at the Economics School of Louvain (ESL).

Possible destinations for students at UNamur (Namur):

- Germany (Hanover, Karlsruhe)
- Belgium (Antwerp, Ghent)
- Spain (Alicante, Barcelona, Madrid, Zaragoza)
- Finland (Tampere)
- France (Dijon, Grenoble)
- Hungary (Budapest)
- Italy (Bologna, Bolzano, Milan)
- Norway (Trondheim)
- Netherlands (Maastricht, Rotterdam)
- Poland (Poznan, Warsaw)
- United Kingdom (Glasgow)
- Switzerland (Geneva, Fribourg, Lausanne)
- Turkey (Marmara)

o Joint programmes (leading to a joint degree) are available with the following institutions<sup>[1]</sup> :

- Warsaw University (Poland)
- Bocconi University (Milan, Italy)
- Maastricht University (Netherlands)
- University of Geneva (Switzerland)
- University of Paris I / Sorbonne (France)
- Clemson University (USA)

On graduation, ( having studied for one year in the partner university) students will receive a joint degree.

o The research focus, entirely in English, usually attracts a high number of foreign students, the majority of whom then go on to do a PhD at Louvain. Cooperation with KU Leuven means that advanced level subjects (all in English) are available in a wide variety of different areas in economics.

<sup>[1]</sup>For further details, please contact the ESL office - Géraldine Carette.

## Possible trainings at the end of the programme

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- Advanced Master : Master in International Economics and Development (University Development Commission - Commission universitaire au développement – CUD): <http://www.fundp.ac.be/facultes/eco/enseignement/desdev/>
- Doctoral Programme :  
 Doctorate in Economic Science : <https://uclouvain.be/fr/facultes/espo/faire-un-doctorat-en-sciences-economiques-et-de-gestion.html>

## Contacts

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### Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

Website

Academic supervisor: [William Parienté](#)

Jury

- President: [guilhem.cassan@unamur.be](mailto:guilhem.cassan@unamur.be)
- Secretary: [François Maniquet](#)

Useful Contact(s)

- Responsable administrative: [Géraldine Carette](#)

SSH/ESPO/ECON

(ECON)

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

Human Sciences (SSH)

ECON

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>

