

**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 - 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 analysis and develop the practical implications of the analysis

#### **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

- 1.6. Collect and select the relevant data, understanding the limits and conducting an appropriate statistical analysis.
- 1.7. Interpret the results of the statistical analysis, explain the underlying statistical problems and limits and form pertinent conclusions concerning the issues studied.
- 1.8. Master and use, in a critical manner, tools from a number of branches of economics and question their underlying assumptions and

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 Unamur in 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 KULeuven : students may study up to three subjects from the relevant programme at KULeuven 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









## PROFESSIONAL FOCUS [30.0]

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- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students

[FR]

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**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.

L'étudiant doit choisir l'entièreté des cours de la finalité didactique soit à Namur soit à Louvain-la-Neuve. Il ne peut en aucun cas mixer les activités sur deux sites.

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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**

○ LAGRE2400	<a href="#">See specifications in french</a>	Mathias El Berhoumi (compensates) Xavier Delgrange Hervé Pourtois (coord.) Pierre-Etienne Vandamme	[FR] [q2] [20h] [2 Credits] 🌐		X
○ LAGES2811	<a href="#">Education et interculturelité</a>	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	<a href="#">Observation et analyse de l'institution scolaire et de son contexte (en ce compris le stage d'observation)</a>	Vincent Dupriez Antoine Lecat (compensates) Branka Cattonar	[FR] [q1] [22.5h+25h] [4 Credits] 🌐	X	X
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## 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:

et analyser les résultats d'un modèle empirique décrivant les fluctuations des grands agrégats macroéconomiques ; faire une analyse pointue de la situation conjoncturelle d'un pays, proposer et interpréter un modèle de prévision.

- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:**

					1	2
● LECON2313	<a href="#">Applied macroeconomics</a>	Francesca Monti	EN [q2] [30h] [5 Credits] 🌐		x	x
● LECON2311	<a href="#">Business cycle analysis and short-term macroeconomic forecasts</a>	Vincent Bodart	FR [q2] [30h] [5 Credits] 🌐		x	x
● LECON2021	<a href="#">Economic Fluctuations and Foundations of Macro Policy</a>	Grégory de Walque (compensates David De la Croix)	FR [q2] [30h] [5 Credits] 🌐		x	x





***FINANCE : MARKETS (SITE UNAMUR - EN) [15.0]***

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L'objectif de cette option est d'étudier l'origine et la mesure des risques dans la volatilité des marchés, les effets de levier, la durée des engagements et les relations d'information asymétrique. Elle examine les moyens de diversification, de couverture et de mutualisation

**FINANCE : MONNAIE (SITE UCLOUVAIN - FR/EN) [15.0]**

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L'objectif de l'option est d'initier les étudiants aux aspects macroéconomiques du rôle de la monnaie, des marchés financiers et des changes et leur permettre, à travers une exploration des théories importantes, d'applications empiriques et d'études de cas de mieux comprendre les problèmes monétaires et financiers actuels, dans leur dimension à la fois nationale et internationale. De manière à intégrer au mieux les développements théoriques et leurs applications potentielles, les étudiants seront invités, dans chacun des cours, à suivre de près l'actualité sur les thèmes couverts par les cours de l'option. Au terme de l'apprentissage, les étudiants auront acquis une capacité à pouvoir comprendre et analyser de façon rigoureuse un large éventail de phénomènes macroéconomiques d'ordrecquis

**Development and Institutions (ECONM822) (UNAMUR - EN)**

This option covers the economic analysis of central aspects of the dynamics of development in emerging and transition economies, and inequality; market imperfections; state failures; the role of institutions in economic growth, development and environmental transformations. The theoretical approach is combining economic theory with empirical analysis. Learning outcomes comprise appropriate skills to analyze and design responses to development and environmental challenges.

- Mandatory
- Optional
- Not offered in 2023-2024
- Not offered in 2023-2024
- Offered in 2023-2024 but not in 2024-2025
- Not offered in 2023-2024 or 2024-2025
- Activity with requisites
- Open to incoming exchange students
- Not open to incoming exchange students
- Teaching language (FR, EN, ES, NL, DE)

Click on the course title to view the course objectives, methods, evaluation...

Year

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**Content:**

<p><input checked="" type="radio"/> LECON2821</p>	<p><b>Population, Environment and Governance</b>                      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></p>		<p>EN [q1] [30h] [5 Credits]</p>	<p>x x</p>
<p><input checked="" type="radio"/> LECON2822</p>	<p><b>Development and Institutions: Economic Approaches</b>                      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></p>			

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

This option aims at equipping students with the theoretical and empirical tools that are necessary to understand and discuss long-term growth and its determinants. The option provides an historical perspective of economic theories of development, and an analysis of macroeconomic issues that emerge in a context of increasingly globalized economies. Upon completion of this option, students will be able to critically mobilize economics of development /macroeconomics of development theories, as well as accounting and statistical tools currently used to analyse and discuss contemporary growth or development problems.

- Mandatory
- ✂ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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, ...)

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

Year

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### o Content:



***ECONOMIE DU TRAVAIL ET DES RESSOURCES HUMAINES/LABOUR  
AND HUMAN RESSOURCE ECONOMICS (SITE UCLouvain - FR/EN)  
[15.0]***

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L'objectif de cette option est de familiariser les étudiants avec l'économie du travail moderne, un domaine de l'économie ayant une pertinence pratique directe. L'analyse classique des marchés du travail couvre la demande et l'offre de travail, le capital humain, la discrimination, la concurrence parfaitail, Eh3 ] TJ 1 0 0 -1 0 32.55500031 Tm [[([15.0])] TJ 0 g /F1 8 Tf 1 0 0 -1 0 58.0169982nsa, la



## FIRMS' STRATEGIES (SITE UCLOUVAIN - EN) [15.0]

The objective of this option is to acquaint students with traditional topics in Industrial organisation (microeconomic and game theory, structure and behaviour of firms, strategic interactions) and their application to innovation and information markets, as well as to give them an overview of the interaction between the evolution in economic thinking and the content of the EU competition and sectoral regulatory policies. There is a particular emphasis on the interaction between theoretical and empirical modelling as well as case studies. Learning outcomes comprise an ability to : Understand the specificities of innovation and information markets and the consequences on firms' strategies and public policies, Analyze potential anticompetitive cases and establish an argument using the models in industrial organisation, Explain the rationale of industry regulation and its possible consequence, Perform empirical analyses of an industry using these models and econometric tools. The option prepares students to hold positions in regulatory department of firms, in competition or regulatory authorities, in consultancy firms.

Students who choose this option are not allowed to take the option « INEO (Ex-CPME) - Formation interdisciplinaire en entrepreneuriat ».

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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, ...)

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

Year

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## COURS AU CHOIX

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- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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, ...)

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

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### o Content:

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

*For students enrolled in the speci4rolled in the speci4rolle.38 thfmdents enre snu katique - SAE (5 credits)*





		Goulven Rubin (compensates Luca Pensieroso)	EN [q2] [30h] [5 Credits] 
⌘ LECGE1228	Regional Economics	Joseph Gomes	EN [q2] [30h+10h] [5 Credits] 
⌘ LECGE1312		Jean Hindriks	EN [q2] [30h+15h] [5 Credits] 
⌘ LECGE1330	Industrial organization		



## 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 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

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*Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the hiher*

#	Direct access
#	Access with additional training
#	Access with additional training
#	Access with additional training
	Direct access
#	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](#).

## 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.

Entry to all Masters (with the exception of Advanced Masters) can also be gained on submission of a special personal file.

## 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

\* 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> ([https://uclouvain.be/vi-prog-2008-econ2m.html#\\_ftn1](https://uclouvain.be/vi-prog-2008-econ2m.html#_ftn1)) :

- 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> ([https://uclouvain.be/vi-prog-2008-econ2m.html#\\_ftnref1](https://uclouvain.be/vi-prog-2008-econ2m.html#_ftnref1)) For further details, please contact the ESL office - Géraldine Carette.

## Possible trainings at the end of the programme

- 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>  
 (<https://uclouvain.be/fr/facultes/espo/faire-un-doctorat-en-sciences-economiques-et-de-gestion.html>)

## Contacts

### Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

Website

Academic supervisor: William Parienté (<https://uclouvain.be/repertoires/william.pariante>)

Jury

- President: William Parienté (<https://uclouvain.be/repertoires/william.pariante>)
- Secretary: guilhem.cassan@unamur.be

Useful Contact(s)

- Responsable administrative: Géraldine Carette (<https://uclouvain.be/repertoires/geraldine.carette>)

