

## Faculté des sciences économiques, sociales et politiques



### ECGE3DA EC Diplôme d'études approfondies en économie et gestion - Master of Arts in Economics (sciences économiques)



#### Gestion du programme

ECON Département des sciences économiques

Responsable académique : Henri Sneessens

#### Requirements

En 2005-2006, tous les étudiants admis au doctorat seront inscrits au DEA correspondant. Ils seront répartis ultérieurement dans les formations doctorales thématiques. Les activités réalisées dans le cadre de leur DEA en 2005-2006 seront validées dans le cadre de la formation doctorale à laquelle ils seront inscrits ultérieurement.

The Master of Arts (MA) is a one-year program providing advanced training in economics with a special emphasis on foundations (microeconomics, macroeconomics, and econometrics) and on training for research. The MA being a preliminary step towards the Ph.D. program, preparation for research is a major objective of the program.

The Catholic University of Louvain (UCL) and the University of Namur (FUNDP) organize the MA jointly. Optional courses are offered in the fields of expertise of the two partners. Most courses are taught in Louvain-La-Neuve.

The following research centers are associated with the program:

- Center for Operations Research and Econometrics (CORE, UCL),
- Institut de Recherches Economiques et Sociales (IRES, UCL),
- Chaire d'Ethique Economique et Sociale (ETES, UCL),
- Département d'analyse économique et Département d'économie publique (FUNDP).

They offer a high quality research environment, with the regular presence of visiting professors and contacts with other research centers. Altogether there are about 50 doctoral students in economics some of whom are associated with the MA as teaching assistants.

The program consists of eight courses, one seminar, and a thesis. Optional courses may include presentations by the students of papers from a reading list. At the beginning of the academic year, every student has to meet a professor of the MA to discuss and propose his/her program. The Program Committee must then approve it. The topic of the thesis is approved later.

#### Admission and registration

An undergraduate qualification in economics with honors is required for entry (for instance, a British or American B.A., a French Maîtrise, a Belgian Licence or Maîtrise, or a German Diploma).

Students, who have another undergraduate degree, in particular in engineering, mathematics, or management, are also eligible to enter this program provided that they have a good background in microeconomics, macroeconomics and quantitative methods.

Admissions are decided by the Program Committee. See the Admission Process :

<http://www.econ.ucl.ac.be/ECON/EN/ENSEIGNEMENTen/ETUDESen/PROGRAMMESen/MASTERen/admissionmaEN.html>

Students who want to be admitted in the European Doctoral Program in Quantitative Economics must have their program approved by the director of this program. See the Admission Process: <http://www.core.ucl.ac.be/edp/>

#### Contents

##### Three compulsory courses (21 credits)

ECON3501 Advanced Microeconomics I[45h] (7 crédits)

ECON3502 Advanced Macroeconomics I[45h] (7 crédits)

François Maniquet

Raouf Boucekkine, David De la Croix,  
Jean-François Fagnart (supplée Raouf  
Boucekkine)

ECON3503 Advanced Econometrics[45h] (7 crédits)

Luc Bauwens

*For these compulsory courses, home works are assigned regularly to the students, and are corrected by a teaching assistant. The teachers will comment the results of the home works in class.*

**One course chosen in the following list (3,5 credits)**

<u>ECON3500</u>	Advanced Microeconomics II[30h] (3.5 crédits) ▲	Claude d'Aspremont-Lynden
<u>ECON3505</u>	Advanced Macroeconomics II[30h] (3.5 crédits)	Henri Sneessens

**One course with a critical content , chosen in the following list (3,5 credits)**

<u>ECON3330</u>	History of Economic Thought[30h] (3.5 crédits)	Michel De Vroey
<i>(course not dispensed this year)</i>		
<u>ECON3580</u>	Ethics & social choice[30h] (3.5 crédits) ⊕	Claude d'Aspremont-Lynden, Philippe Van Parijs
<u>ECON3550</u>	Critical Analysis of Market Economies[30h] (3.5 crédits) ▲	Christian Arnsperger
<u>EDEA3101</u>	FOUNDATIONS OF CAPITALISM(3.5 crédits)	N.

**One seminar (3,5 credits)**

<u>ECON3802</u>	Seminar I[30h] (3.5 crédits) ▲	N.
<u>ECON3801</u>	Seminar II[30h] (3.5 crédits)	Pierre Malgrange

**Three courses chosen in the following list (10,5 credits)**

<u>ECON3340</u>	Dynamical Methods in Economics[30h] (3.5 crédits)	Raouf Boucekkine, Pierre Dehez
<u>ECON3420</u>	Industrial Organization[30h] (3.5 crédits)	Pierre Picard
<u>ECON3440</u>	Labour Economics[30h] (3.5 crédits)	Bart Cockx, Bruno Van der Linden
<u>ECON3506</u>	Econometrics of Time-Series[30h] (3.5 crédits)	Luc Bauwens
<u>ECON3510</u>	Public Economics[30h] (3.5 crédits)	Jean Hindriks
<u>ECON3570</u>	Monetary Theory[30h] (3.5 crédits)	Henri Sneessens, Raf Wouters
<u>EDEA3103</u>	Monetary Economics	N.
<b>EDEA3105</b>	Development economics I [30h ]	
<b>EDEA3106</b>	Collective choice theory [ 30h ]	
<u>EDEA3104</u>	Political Economy	N.
<u>ECON3500</u>	Advanced Microeconomics II[30h] (3.5 crédits) ▲	Claude d'Aspremont-Lynden

*or*

<u>ECON3505</u>	Advanced Macroeconomics II[30h] (3.5 crédits)	Henri Sneessens
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*if not already choosen**Not more than 7 courses of this list will be offered every year.***Students may also choose the following courses available from other third cycle programs**

<u>ECON3540</u>	Microeconometrics[30h]	Bart Cockx, Sébastien Van Bellegem
<u>ECON3830</u>	Econometrics Workshop[30h]	Daniel Weiserbs
<u>ECON3530</u>	Capital Markets Theory[30h] (3.5 crédits)	Olivier Scaillet
<u>ECON3400</u>	Théories du développement[30h] (3.5 crédits)	Frédéric Lapeyre, Marthe Nyssens

**Thesis requirement (18 credits)**

The thesis is a research paper that is supervised by a professor of the program. It is the key element of research training of the program, from which the ability to conduct research at the doctoral level in an autonomous way can be evaluated. Every student must propose his/her thesis topic before December 15. This requires to find a supervisor and to write a detailed proposal. The Program Committee approves eventually the proposal and appoints a thesis committee for every student. The thesis committee consists of the supervisor and a reader.

**Évaluation**

Most of the courses are evaluated on the basis of an exam (oral or written). The seminar activity is evaluated during the term. The thesis is presented in front of the thesis committee.

**Diploma and certification**

This programme prepares student for the PhD in economics.