UCL Université catholique de Louvain

LBRAI2213

2016-2017

Evaluation of Agricultural Policies

4.0 crédits	30.0 h + 8.0 h	2q

Enseignants:	Henry de Frahan Bruno ;
Langue d'enseignement:	Anglais
Lieu du cours	Louvain-la-Neuve
Ressources en ligne:	iCampus
Préalables :	Micro-economics (e.g., LBIR1242 Principes d'économie), introduction to econometrics (e.g., LECGE1316 or LINGE1221 Econométrie) and Microsoft Excel. *Le(s) prérequis de cette Unité d'enseignement (UE) sont précisés à la fin de cette fiche, en regard des programmes/formations qui proposent cette UE.*
Thèmes abordés :	Economic models for policy analysis: Demand and supply models, Household models, Market and multi-market models, Trade models, Computable general equilibrium models. Most illustrations are drawn from recent agricultural and trade policy reforms.
Acquis d'apprentissage	With respect to the learning outcomes of the Bio-engineering in agricultural sciences, this course contributes to the following main learning outcomes: 1.3 - 1.4: model selections 2.1 - 2.5: model specifications, techniques and programming 3.4 - 3.6: model design, simulation, interpretation and practices 4.4: model design and specifications By the end of the course, students are able to: - know and understand common applied methods for policy analysis in both partial and general equilibrium settings, - design simple econometric and mathematical models to analyse economic policies under various hypothesis and scopes as well as recognise their limitations, - bridge their microeconomic theory to policy analysis, - be better prepared to assist policy decision makers. *La contribution de cette UE au développement et à la maîtrise des compétences et acquis du (des) programme(s) est accessible à la fin de cette fiche, dans la partie « Programmes/formations proposant cette unité d'enseignement (UE) ».*
Modes d'évaluation des acquis des étudiants :	Written examination, mainly syntheses and exercises
Méthodes d'enseignement :	Teaching in class room and several applications in computer room.
Contenu :	1. Government interventions and their evaluation 2. Demand analysis 3. The profit function approach to supply and factor demand 4. Supply response: expectations formation and partial adjustment 5. Agricultural household models 6. Price distortions: indicators and partial equilibrium analysis 7. Multimarket models: principles and applications 8. General equilibrium theory 9. National account data and social accountancy matrix 10. Design and use of computable general equilibrium models
Bibliographie :	Teacher's textbook, complementary publications, slide shows and overheads available on iCampus. Recommended textbook: Sadoulet Elisabeth and Alain de Janvry. Quantitative Development Analysis, Johns Hopkins University Press, Baltimore, 1995.
Autres infos :	Course taught in English with most material in English and some in French.

Faculté ou entité en charge:	AGRO

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Crédits	Prérequis	Acquis d'apprentissage
Master [120] bioingénieur : sciences agronomiques	BIRA2M	4	LBIRA2105	
Master [120] en sciences agronomiques et industries du vivant	SAIV2M	4	-	
Master de spécialisation en économie et sociologie rurales	ECOS2MC	4	-	