Evaluation of Agricultural Policies

lbrai2213 2017

4 crédits	30.0 h + 8.0 h	Q2

Enseignants	Henry de Frahan Bruno ;
Langue d'enseignement	Anglais
Lieu du cours	Louvain-la-Neuve
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 1 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
Ressources en ligne	Moodle

Bibliographie	Teacher's textbook, complementary publications, slide shows and overheads available on Moodle. 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 en sciences agronomiques	BIRA2M	4	LBIRA2105	🔍
Master [120] en sciences agronomiques et industries du vivant	SAIV2M	4		🔍