UCL Université catholique de Louvain

LBRAI2212

2015-2016

Economics of Rural Development

3.0 crédits	30.0 h	1q

Enseignants:	Henry de Frahan Bruno ; Gaspart Frédéric (coordinateur) ;
Langue d'enseignement:	Anglais
Lieu du cours	Louvain-la-Neuve
Ressources en ligne:	iCampus
Préalables :	General skills for a bio-engineering bachelor, micro-economics (e.g., LBIR1242 Principes d'économie) and introduction to game theory (e.g., LBIRA2104 Decision tools).
Thèmes abordés :	Determinants that hamper or promote rural development are analyzed in their context. Some peculiarities of rural development lead to the identification of a list of missing markets. To fulfil the social functions that are thus left unattended, rural communities set up institutional solutions to problems of insurance, credit, labour exchange and land tenure. A particular attention is devoted to the transition from a subsistence economy to a market-oriented economy with a focus on the structural adjustment of the agro-food sector: transfer of the agricultural surplus, investment in productivity and market, technological and institutional innovations, gains from international trade. Poverty and food insecurity are both issues that are analysed transversally through these topics.
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: 1.1 - 1.5, 2.1 - 2.5: Industrial organisation, agricultural transformation, structural adjustment (theory and empirics) 3.1 - 3.4, 3.6 - 3.8: Matching real situations with archetypal problems, solving models and interpreting the abstract results 4.1 - 4.2: Identifying typical problems in complex situations 4.4 - 4.7: Drawing lessons from abstract models for complex, real situations 7.1 -7.5: Development policy in a context of poverty and inequality By the end of the course, students are able to: - master economic theory on the development of the agricultural sector, - analyze the transitions from a subsistence economy into a market-oriented economy, - understand the opportunities and the limits of the contributions of the development of the agro-food sector to economic development as a whole, - understand technological and institutional innovations to foster the development of the agro-food sector, - understand opportunities and limits of policy instruments in favour of rural development, understand specific obstacles to rural development rural and their traditional, institutional solutions through economic models (game theory, political economics, partial and general equilibrium models). *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 home works
Contenu :	Part 1 1. Main paradigms in agricultural development 2. Agricultural transformation 3. Agricultural development models 4. Induced technological and institutional innovation models 5. Contributions of the agricultural sector to economic development 6. International trade, economic development and poverty Part 2 1. Elements of games in developed forms 2. Decision under uncertainty, expected utility, risk premium 3. Informal insurance and the ad-interim participation constraint

	4. Income sharing and the dilution of incentives 5. Customs, land tenure and agricultural performance 6. Sharecropping and land-labour contracts
Bibliographie :	Teacher's textbook, complementary publications, slide shows and overheads available on iCampus for Part 1. Recommended textbooks for Part 1: Eicher Carl K. and John M. Staatz (eds.), 1998.International Agricultural Development, John Hopkins. Hayami Yujiro et Vernon W. Ruttan, 1998. Agriculture et développement, une approche internationale, Paris: INRA Editions. Norton George W., Jeffrey Alwang and William A. Masters. 2010. Economics of Agricultural Development. London and New York, Routledge.
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 et technologies de l'environnement	BIRE2M	3	-	
Master de spécialisation en économie et sociologie rurales	ECOS2MC	3	-	
Mineure en développement et environnement	LDENV100I	3	-	
Master [120] bioingénieur : sciences agronomiques	BIRA2M	3	-	
Master [120] bioingénieur : gestion des forêts et des espaces naturels	BIRF2M	3	-	
Master [120] en sciences agronomiques et industries du vivant	SAIV2M	3	-	