





3.00 credits

30.0 h

Q1

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| Teacher(s) | Gaspart Frédéric ; |
| Language : | English > French-friendly |
| Place of the course | Louvain-la-Neuve |
| Prerequisites | Basic optimization, micro-economics, introduction to game theory, basic statistics (notion of random variable) |
| Main themes | This course offers an introduction to selected topics in development economics. The aim is to analyze the major constraints impeding the economic development of rural areas in developing countries, namely a lack of access to credit, poor educational attainments, difficult access to land, water and technology. |
| Learning outcomes | <p>At the end of this learning unit, the student is able to :</p> <p>a. <u>Contribution de l'activité au référentiel AA (AA du programme)</u> 1.1-1.5, 2.1-2.5 game theory, micro-economics 3.2-3.3 matching real situations with archetypal problems 3.4 solving mathematical models (game theory) 3.6-3.8 interpreting the results of abstract models 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</p> <p>b. <u>Formulation spécifique pour cette activité des AA du programme</u> At the end of the course, students will be able :</p> <ul style="list-style-type: none"> - to understand some important constraints impeding economic development in rural areas. - to highlight contextual and institutional elements that potentially lead to credit market imperfections, poor educational attainments, difficult access to land, water and technology, - to explain the intuitions behind the economic models explored during the lectures and show his/her understanding of the related technical material, - to show critical reasoning abilities in general. |
| Evaluation methods | Homeworks (student talks, critical questions, answers) |
| Teaching methods | Articles to be read, classes taught in association by students and the teacher, homeworks |
| Content | <p>Introductory part, presented by the teacher :</p> <ol style="list-style-type: none"> 1. Labor and land market imperfection : an introduction. 2. Credit market imperfection : an introduction. <p>Students pick up a series of articles that they will read and present themselves in close association with the teacher. The assistance must subsequently raise two relevant questions on each presentation ; these are answered the next week.</p> <p>The set of articles in which the students choose covers the following topics :</p> <ol style="list-style-type: none"> 1. Labour market imperfections, migration (brain drain, remittances,...), health. 2. Capital market imperfections, micro-finance, informal insurance and savings, index-based insurance 3. Education : family decisions, child labor, educational performances 4. Land transactions, land tenure regimes and their impact on farm productivity 5. Family economics, inheritances, dowries 6. Foreign aid and participatory development |
| Inline resources | Moodle |
| Bibliography | The list of articles in which students choose is constantly evolving. |

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| Other infos | <p>Before starting the course, the students are expected to be familiar with the basic concepts of statistics, such as a random variable, and of microeconomics, such as a utility function. In terms of mathematics, derivatives and simple optimization techniques are used.</p> <p>Scientific articles will be available for readings, which are aimed at allowing a deep understanding of the course but those readings are not compulsory.</p> |
| Faculty or entity in charge | AGRO |

| Programmes containing this learning unit (UE) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| Master [120] in Environmental Science and Management | ENVI2M | 3 | |  |
| Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development | ENVI2MC | 3 | |  |
| Master [120] in Agriculture and Bio-industries | SAIV2M | 4 | |  |
| Master [120] in Agricultural Bioengineering | BIRA2M | 3 | |  |