


3.00 credits

30.0 h

Q1

Teacher(s)	Baret Philippe ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	BIR 1230 - Engineering biosphere (or equivalent)
Main themes	<ul style="list-style-type: none"> - Emergence of the concept of Agroecology and historical process. - Diversity of world food systems. - Foresight approaches of Agriculture (Agrimonde, Afterres 2050) - The principles of agroecology: ecological, socio-economic and methodological principles. - Comparative approach for alternative agricultures: industrial agriculture, conventional farming, organic farming, sustainable agriculture, ecologically intensive agriculture. - Examples of applications of agroecology in production and consumption systems in North and South.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> a. Contribution from operations AA repository program M1.1., M2.1., M4.4. b. Specific formulation for this activity AA program <p>At the end of this course, the student is able to:</p> <p>1</p> <ul style="list-style-type: none"> - Understand the conceptual foundations and methods of agroecology including the concept of food systems. - Discuss the diverse trajectories of agriculture - Evaluate a system in its agro-ecological dimensions - Position the various alternative modes of agriculture
Evaluation methods	The evaluation is based on an essay. The question will be available at 8:00 AM for a remittanc at 4:00 PM.
Teaching methods	The course is given in the form of lectures alternating theory and practical examples. It also makes use of video media.
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Agricultural Bioengineering	BIRA2M	3		
Master [120] in Forests and Natural Areas Engineering	BIRF2M	3		