

First Year

First semester

Teaching Period One and Two

Compulsory courses

AGRO1.11 Rural economics and European and international policy.

ECON0942-1	<i>Rural economics and farm business management</i> - Philippe BURNY, Thomas DOGOT, Philippe LEBAILLY - [8h FT]	Q1	32	20	[+]	4
------------	---	----	----	----	-----	---

GEST3019-2	<i>Food Policy and Strategy</i> - Philippe BURNY, Thomas DOGOT, Philippe LEBAILLY - [4h FT]	Q1	24	8	[+]	3
------------	---	----	----	---	-----	---

STAT1213-1	<i>Multivariate statistical analysis</i> - Yves BROSTAUX	Q1	12	12	-	2
------------	--	----	----	----	---	---

AGRO1.12 General crop husbandry

VEGE0023-1	<i>Foundations of managing and controlling bio-agressors</i> - Frédéric FRANCIS, Eric HAUBRUGE, Philippe LEPOIVRE, Bruno SCHIFFERS - [6h FT]	Q1	54	-	[+]	4
------------	--	----	----	---	-----	---

VEGE0024-1	<i>General plant science</i> - Bernard BODSON, Guy MERGEAI - [6h FT]	Q1	48	6	[+]	5
------------	--	----	----	---	-----	---

AGRO1.13 Dairy production by ruminants

ANIM0014-1	<i>Physiology of reproduction and lactation</i> - Robert RENAVILLE - [2h FT]	Q1	22	-	[+]	2
------------	--	----	----	---	-----	---

ANIM0015-1	<i>Dairy animal production science</i> - Yves BECKERS, Jérôme BINDELLE, Nicolas GENGLER - [8h FT]	Q1	64	-	[+]	5
------------	---	----	----	---	-----	---

ANIM0016-1	<i>Milk technology</i> - Marianne SINDIC - [2h FT]	Q1	22	-	[+]	2
------------	--	----	----	---	-----	---

Second semester

Period 3

Optional courses

Choose one module from :

AGRO1.31 Animal sciences

ANIM0012-1	<i>Animal pathology and hygiene</i> - Thierry VAN DEN BERG		24	-	-	2
------------	--	--	----	---	---	---

ANIM0011-3	<i>Welfare and ethics in animal productions</i> - Nadia EVERAERT, Daniel PORTETELLE - [4h FT]	Q2	12	8	[+]	2
------------	---	----	----	---	-----	---

ANIM0005-1	<i>Biochemistry of the metabolisms in the domestic animals</i> - Robert RENAVILLE	Q2	24	-	-	2
------------	---	----	----	---	---	---

AGRO1.32 Economics of development

ECON2246-2	<i>Economics of developing countries</i> - Baudouin MICHEL - [16h SEM]	Q2	8	-	[+]	2
------------	--	----	---	---	-----	---

ECON2254-2	<i>Tropicals markets</i> - Baudouin MICHEL	Q2	12	12	-	2
------------	--	----	----	----	---	---

ECON2253-2	<i>Economics of development Seminar</i> - Thomas DOGOT, Philippe LEBAILLY - [24h SEM]	Q2	-	-	[+]	2
------------	---	----	---	---	-----	---

AGRO1.33 Tropical agroecology

VEGE0036-1	<i>Tropical agroecology</i> - Guy MERGEAI - [12h SEM, 18h FT]	Q2	18	24	[+]	6
------------	---	----	----	----	-----	---

Choose one module from :

AGRO1.34 Meat and eggs

ANIM0017-1	<i>Meat and eggs</i> - Yves BECKERS, Jérôme BINDELLE, Nadia EVERAERT, Nicolas GENGLER, Robert RENAVILLE - [8h FT]	Q2	64	-	[+]	6
------------	---	----	----	---	-----	---

AGRO1.35 Agricultural policy, sociology and rural legislation

SOCI2234-1	<i>General and rural sociology</i> - Daniel BODSON		24	-	-	2
------------	--	--	----	---	---	---

ECON2247-1	<i>Agricultural policy</i> - Philippe BURNY - [6h SEM]	Q2	12	6	[+]	2
------------	--	----	----	---	-----	---

DROI0967-1	<i>Rural law</i> - Gaëtan GOISSE		24	-	-	2
------------	----------------------------------	--	----	---	---	---

AGRO1.36 Physiology, plant breeding and multiplication of cultivated plants

VEGE0026-1	<i>Physiology, plant breeding and multiplication of cultivated plants</i>								6
	- <i>Physiology</i> - Pierre DELAPLACE, Patrick DU JARDIN	12	6	-					
	- <i>Plant breeding</i> - Hervé VANDERSCHUREN	12	6	-					
	- <i>Diversity of plant genetic resources</i> - Hervé VANDERSCHUREN - [8h FT]	8	2	[+]					
	- <i>Multiplication of cultivated plants</i> - Hervé VANDERSCHUREN - Suppl : André TOUSSAINT - [2h FT]	10	6	[+]					

Period 4

Compulsory courses

AGRO1.41 Internship

MANA0004-1	<i>Portfolio (Master 1)</i> - Philippe LEPOIVRE	TA	-	-	-				2
RSTG0001-1	<i>Internship and professional relations</i> - Philippe LEPOIVRE	Q2	-	-	-				3

Period 5

Optional courses

Choose one module from :

AGRO1.51 Microbial biochemistry and immunology

ANIM0003-1	<i>Immunology and immunochemistry</i> - Daniel PORTETELLE	Q2	12	12	-				2
ANIM0004-4	<i>Microbial biochemistry and physiology</i> - Micheline VANDENBOL	Q2	10	12	-				2
ALIM0001-1	<i>Food hygiene</i> - Daniel PORTETELLE, Marianne SINDIC	Q2	18	6	-				2

AGRO1.52 Economic Decision Support

GBLX0057-2	<i>Mathematical methods in decision making</i> - Catherine CHARLES	Q2	12	12	-				2
GEST3022-2	<i>Operations research for economics</i> - Thomas DOGOT	Q2	16	8	-				2
STAT1218-1	<i>Statistical methods for economics</i> - Yves BROSTAUX	Q2	12	12	-				2

AGRO1.53 Plant production in temperate areas

VEGE0027-1	<i>Plant production in temperate areas</i>	Q2							6
	- <i>Plant science of various species involved in large scale cultivation and animal fodder production in temperate regions</i> - Bernard BODSON	20	4	-					
	- <i>Implementing technical arrangements under real conditions</i> - Bernard BODSON - [8h FT]	-	16	[+]					
	- <i>Evaluating and optimising production systems</i> - Bernard BODSON - [8h FT]	10	6	[+]					

Choose one module from :

AGRO1.54 Bromatology and the cultivation of animal fodder

ANIM0018-1	<i>Bromatology and the cultivation of animal fodder</i> - Yves BECKERS, Jérôme BINDELLE - [8h FT]	Q2	48	16	[+]				6
------------	--	----	----	----	-----	--	--	--	----------

AGRO1.55 Integrated management of self-propagating plants and bio-agressors

VEGE0028-1	<i>Integrated management of self-propagating plants and bio-agressors</i> - Bernard BODSON, Frédéric FRANCIS, Eric HAUBRUGE, Haissam JUAKLI, Sébastien MASSART, Bruno SCHIFFERS - [6h FT]	Q2	48	18	[+]				6
------------	---	----	----	----	-----	--	--	--	----------

All year round

Period 6

Compulsory course

AGRO1.61 English

LANG2952-1	<i>Practice of specialized English for agricultural sciences : part 1</i> - Yves BECKERS, Jérôme BINDELLE, Philippe BURNY, Sophie DEPOTERRE, Thomas DOGOT, Frédéric FRANCIS, Nicolas GENGLER, Philippe LEBAILLY, Philippe LEPOIVRE, Estelle MAYARD, Bruno SCHIFFERS - [48h AUTR]	TA	-	-	[+]				4
------------	---	----	---	---	-----	--	--	--	----------

Second Year

First semester

Optional courses

Choose one option from the following :

"Agronomical sciences" courses programme (in GxABT)

AGRO2.10 Group project

AGRO0020-1	<i>Group project</i> - Yves BECKERS, COLLÉGIALITÉ	Q1	-	-	-	4
GEST3020-1	<i>Conceiving and economic assessment of project : food crop and agroforestry</i> - Q1 Baudouin MICHEL - [12h SEM]	12	-	[+]		2

Period 1

Choose one module from :

AGRO2.11 Market and supply analysis

ECON2251-3	<i>Food and agro-industrial Chain Economy</i> - Philippe LEBAILLY	Q1	24	-	-	2
ECON2252-2	<i>Marketing and consumer market research</i> - JeanPascal ROBIÉFROID	Q1	24	-	-	2
GBLX0056-1	<i>Complement of marketing and consumer market research</i> - JeanPascal ROBIÉFROID	Q1	24	-	-	2

AGRO2.12 Soil-less horticulture and plant productions

VEGE0035-1	<i>Soil-less horticulture and plant productions</i> - Pierre DELAPLACE, Haïssam JIAKLI, Hugo MAGEIN, Christine MOUREAUX, Bruno SCHIFFERS, André TOUSSAINT	Q1	48	24	-	6
------------	---	----	----	----	---	----------

AGRO2.13 Complements of animal engineering

ANIM0019-1	<i>Food formulations</i> - Yves BECKERS	Q1	12	36	-	4
ANIM0020-1	<i>Numerical genetics, genomics and modeling</i> - Nicolas GENGLER	Q1	12	12	-	2

Choose one module from :

AGRO2.14 Plant biotechnology

VEGE0032-1	<i>Plant biotechnology</i>					6
	- <i>Molecular plant biotechnology</i> - Pierre DELAPLACE, Patrick DU JARDIN	12	6	-		
	- <i>Exercise of plant biotechnology</i> - Pierre DELAPLACE	-	18	-		
	- <i>Biotechnology applied to pest prevention</i> - Frédéric FRANCIS	9	9	-		
	- <i>Biotechnology applied to phytopathology</i> - Haïssam JIAKLI	10	8	-		

AGRO2.15 Human nutrition and quality control

GEST3015-1	<i>Quality management</i> - Marianne SINDIC - [6h SEM]	Q1	18	-	[+]	2
ALIM0010-3	<i>Food, human nutrition and dietetics (english language)</i> - Nadia EVERAERT	Q1	20	4	-	2
ANIM0009-4	<i>Immunobiology</i> - Daniel PORTETELLE - [14h AUTR]	Q1	10	-	[+]	2

Period 2

Choose one module from :

AGRO2.21 Applied economic analysis

ECON2249-3	<i>Economic models</i> - Matthieu DELPIERRE	Q1	12	12	-	2
ECON2250-1	<i>International economics</i> - Philippe LEBAILLY	Q1	24	-	-	2
ECON2248-1	<i>Environmental economy</i> - Kevin MARÉCHAL	Q1	24	-	-	2

AGRO2.22 Alternative methods of controlling weeds and bio-agressors

VEGE0033-1	<i>Alternative methods of controlling weeds and bio-agressors</i>	Q1				6
------------	---	----	--	--	--	----------

- <i>Alternative methods</i> - Haissam JIJAKLI	12	4	-	
- <i>Biological control of insect pests</i> - Eric HAUBRUGE, François VERHEGGEN	12	13	-	
- <i>Weeds control</i> - Bernard BODSON	12	4	-	
- <i>Biopesticides</i> - Bruno SCHIFFERS	7	-	-	
- <i>Seminar</i> - COLLÉGIALITÉ - [8h SEM]	-	-	[+]	

AGRO2.23 Animal biotechnology

ANIM0008-1	<i>Animal cell culture</i> - Daniel PORTETELLE - [4h FT]	Q1	12	8	[+]	2
BIOL2024-3	<i>Applied molecular biology</i> - Luc WILLEMS	Q1	-	36	-	3
ANIM0010-2	<i>Physiology of the domestic animals</i> - Robert RENAUVILLE	Q1	12	-	-	1

Choose one module from :

AGRO2.24 Applied rural socioeconomics

ECON2273-1	<i>Applied rural socioeconomics</i> - Yves BROSTAUX, Thomas DOGOT, Philippe LEBAILLY	Q1	72	-	-	6
------------	--	----	----	---	---	---

AGRO2.25 Chemical, biological and environmental risks related to plant productions

VEGE0034-1	<i>Chemical, biological and environmental risks related to plant productions</i> - Bernard BODSON, Patrick DU JARDIN, Bruno SCHIFFERS, François VERHEGGEN	Q1	30	42	-	6
------------	---	----	----	----	---	---

AGRO2.26 Livestock farming and the environment

ANIM0021-1	<i>Breeding and environment</i>	Q1				6
	- <i>Alternative breeding system</i> - Yves BECKERS - [23h AUTR]	1	-	[+]		
	- <i>Animal biodiversity</i> - Nicolas GENGLER	24	-	-		
	- <i>Modeling of the relation between breeding systems and the environment</i> - Jérôme BINDELLE	24	-	-		

Management courses programme (in HEC-ULg)

GEST3001-1	<i>People management and organisation</i> - Jocelyne ROBERT	Q1	24	24	-	4
GEST3002-1	<i>Human Resources</i> - Jocelyne ROBERT	Q1	24	-	-	2
GEST3003-1	<i>Competitive strategy in the marketplace</i> (english language) - Michael GHILISSEN	Q1	16	16	-	3
GEST3004-1	<i>Marketing (operations and management)</i> (english language) - Michael GHILISSEN	Q1	16	16	-	3
GEST3005-2	<i>Accountancy and Finance</i> - Jacques BERWART		24	24	-	4
GEST3006-1	<i>Operations and supply chain management I</i> (english language) - Yasemin ARDA	Q1	16	16	-	3
GSTG3001-1	<i>Business plan</i> - COLLÉGIALITÉ		-	30	-	4
GSTG3002-1	<i>Functional analysis of a company</i> - COLLÉGIALITÉ - [30h Internship]		-	-	[+]	4

Choose one of the following courses :

GEST3010-1	<i>Operations and supply chain management II</i> - Sabine LIMBOURG	Q1	16	16	-	3
GEST3011-2	<i>ICT for Business</i> - Alain DUBOIS	Q1	16	16	-	3
GEST3012-1	<i>Financial and actuarial modelling</i> - Louis ESCH	Q1	16	16	-	3
GEST3045-1	<i>Project management</i> (english language) - Etienne DALOZE		30	-	-	5

Second semester

Compulsory courses

Period 3

AGRO2.31 Final dissertation

RTFE0002-1	<i>Final dissertation (bioengineering)</i> - N...		-	-	-	24
MANA0005-1	<i>Portfolio (MA2)</i> - Philippe LEPOIVRE	TA	-	-	-	2

All year round

Period 6

Compulsory course

LANG2953-1 *Practice of specialized English for agricultural sciences : part 2 -*
Sophie DEPOTERRE, Estelle MAYARD, Robert RENAUVILLE - [36h AUTR]

TA - 12 [+] 4