

First Year

Optional courses

Choose one option from the following :

Environmental management and regional planning

Specialization module

[...] 2 courses of 2 credits each one to choose

Interdisciplinary project

PROJ0002-1 *Interdisciplinary project, 1st part* - N... - [24h SEM] - - [+] 2

Human resources management

GRHO0018-1 *Group dynamic* - N... - Suppl : Pascal LEDOUBLE 12 12 - 2

GRHO0019-1 *Communication* - N... - Suppl : Yves-Etienne MASSART - [2h SEM] 22 - [+] 2

GRHO0020-1 *Social relationships within the enterprise* - N... - Suppl : André TOUSSAINT 24 - - 2

Science and biodiversity management

BIOD0002-1 *Plant geography and phytosociology* - Grégory MAHY 12 12 - 2

BIOD0003-1 *Applied ecology in regional development* - Grégory MAHY - [12h FT] 24 12 [+] 4

BIOD0001-1 *Biodiversity survey and management, 1st part* - Grégory MAHY - Suppl :
Sonia VANDERHOEVEN - [6h SEM] 18 - [+] 2

Science and Soil Management

GEOP0004-1 *Geomorphopedological identification* - Laurent BOCK - [12h FT] 12 - [+] 2

GEOP0005-1 *Applied regional pedology* - Laurent BOCK - [18h FT] 6 - [+] 2

GEOP0006-1 *Soil quality evaluation and management* - Gilles COLINET - [6h FT] 18 - [+] 2

GEOP0007-1 *Soil components and the environment* - Jean Marie MARCOEN - [8h SEM, 6h FT] 38 8 [+] 5

Science and water management

CHIM9249-1 *Microbial ecology of soil and water* - Marc CULOT 18 6 - 2

CHIM9248-1 *Basic principles of wastewater treatments* - Marc CULOT 24 - - 2

HYDR0005-1 *Hydrogeology and groundwater management* - Jean Marie MARCOEN - [6h SEM,
4h FT] 20 6 [+] 3

Agronomy

AGRO0005-1 *Basis of tropical agriculture, first part* - Guy MERGEAI - [2h SEM] 22 - [+] 2

AGRO0004-2 *Agro-pastoralism and forage productions, part 2* - N... - Suppl : Didier STILMANT -
[8h FT] 8 8 [+] 2

Economy and sociology

SOCI2234-1 *General and rural sociology* - Daniel BODSON 24 - - 2

GEST3020-1 *Conceiving and economic assessment of project* - N... - Suppl : Baudouin MICHEL -
[12h SEM] 12 - [+] 2

ECON2248-1 *Environmental economy* - Philippe LEBAILLY 24 - - 2

Land planning

GEAT0001-1 *Concepts and method of town and country planning* - Claude FELTZ - [12h FT] 36 - [+] 4

GEAT0002-1 *Economic geography elements* - Claude FELTZ 24 - - 2

Territorial analysis tool

ENVT2050-1 *Applied remote sensing* - Philippe LEJEUNE 12 12 - 2

ENVT2048-1 *Geomatics* - Philippe LEJEUNE 8 16 - 2

STAT1213-1 *Elements of multivariate statistical methods* - Rodolphe PALM 12 12 - 2

Rural and environmental engineering

Specialization module

[...] 2 courses of 2 credits each one to choose

Interdisciplinary project

PROJ0002-1 *Interdisciplinary project, 1st part* - N... - [24h SEM] - - [+] 2

Human resources management

GRHO0018-1 *Group dynamic* - N... - Suppl : Pascal LEDOUBLE 12 12 - 2

GRHO0019-1 *Communication* - N... - Suppl : Yves-Etienne MASSART - [2h SEM] 22 - [+] 2

GRHO0020-1 *Social relationships within the enterprise* - N... - Suppl : André TOUSSAINT 24 - - 2

Management and Accountancy

GEST3016-1 *Management* - Philippe LEBAILLY 24 - - 2

GEST3017-1	<i>General accounting and balance sheet analysis</i> - Philippe LEBAILLY	24	-	-	2
Agro-equipment and structure					
GERE0003-1	<i>Theory of structural calculations</i> - Pierre LATTEUR	25	35	-	5
GERE0002-1	<i>Principles of agricultural machines</i> - Marie-France DESTAIN - [3h FT]	21	-	[+]	2
GERE0004-1	<i>Mechanical engineering design</i> - Marie-France DESTAIN - [3h FT]	23	10	[+]	3
GERE0005-1	<i>Computer aided design</i> - Marie-France DESTAIN - [3h FT]	6	27	[+]	3
Measures and electronics					
GERE0006-1	<i>Environmental metrology</i> - Marie-France DESTAIN	26	10	-	3
GERE0007-1	<i>Digital electronics, first part</i> - Bernard HEINESCH	6	18	-	2
GERE0007-2	<i>Digital electronics, second part</i> - Bernard HEINESCH	6	18	-	2
Hydraulics					
HYDR0006-1	<i>Modelling of transfers in soils</i> - N... - Suppl : Aurore DEGRE - [12h SEM]	12	24	[+]	4
HYDR0007-1	<i>Fluid mechanics</i> - Charles DEBOUCHE	18	18	-	3
HYDR0008-1	<i>Hydraulic pump and network</i> - Charles DEBOUCHE	10	14	-	2
HYDR0004-1	<i>Irrigation</i> - Dimitri XANTHOULIS	24	-	-	2
Soil					
GERE0008-1	<i>Soil mechanics</i> - Jean-Claude VERBRUGGE	24	12	-	3
GERE0009-1	<i>Earth moving and roads</i> - Jean-Claude VERBRUGGE - [6h SEM]	18	-	[+]	2
Environmental techniques					
ENVT2048-1	<i>Geomatics</i> - Philippe LEJEUNE	8	16	-	2
ENVT3010-1	<i>Surveying (complement)</i> - Charles DEBOUCHE	8	16	-	2
PHYS3009-1	<i>Exchange Models in biosystems</i> - Marc AUBINET	16	8	-	2
PHYS3010-1	<i>Introduction to Bioclimatology</i> - Marc AUBINET	18	6	-	2
List : Management of Environment					
GENE0002-1	<i>Molecular genetics of microorganisms</i> - Micheline VANDENBOL - [2h SEM]	12	10	[+]	2
ANIM0009-1	<i>Immunobiology</i> - Daniel PORTETELLE	10	14	-	2
ALIM0001-1	<i>Food hygiene</i> - Marc CULOT, Daniel PORTETELLE	18	6	-	2
ANIM0008-1	<i>Animal cell culture</i> - Daniel PORTETELLE - [4h FT]	12	8	[+]	2
ANIM0003-1	<i>Immunology, immunochemistry</i> - Daniel PORTETELLE	12	12	-	2
ANIM0004-1	<i>Microbial biochemistry and physiology</i> - Daniel PORTETELLE	14	10	-	2
BIOL2014-1	<i>Complements of comparative animal anatomy and physiology</i> - Robert RENAVILLE	24	-	-	2
ANIM0005-1	<i>Biochemistry of the metabolisms in the domestic animals</i> - Robert RENAVILLE	24	-	-	2
ANIM0010-1	<i>Physiology of the domestic animals</i> - Robert RENAVILLE	24	-	-	2
BIAA0003-2	<i>Food and agro-food engineering, part 2</i> - François BERA	12	12	-	2
CHIM9241-1	<i>Purification and concentration techniques</i> - Jacqueline DESTAIN	24	-	-	2
BIOI0001-1	<i>Industrial microbiology</i> - Philippe THONART	24	-	-	2
BIOL2021-1	<i>Theory of the molecular structure-function relations</i> - Robert BRASSEUR	24	-	-	2
VEGE0008-1	<i>Applied Plant Physiology and Biochemistry</i> - Patrick DU JARDIN - [6h SEM]	18	-	[+]	2
VEGE0004-1	<i>Molecular Plant Biotechnology</i> - Patrick DU JARDIN - [4h SEM]	20	-	[+]	2
CHIM9245-1	<i>Applied organic chemistry</i> - Georges LOGNAY - [6h SEM]	18	-	[+]	2
CHIM9250-1	<i>Advanced analytical chemistry</i> - Georges LOGNAY - [6h SEM]	-	18	[+]	2
CHIM9242-1	<i>Fundamentals of quantitative analytical chemistry, part 1</i> - Georges LOGNAY - [6h SEM]	18	-	[+]	2
CHIM9252-1	<i>Applications of analytical chemistry</i> - Georges LOGNAY	4	20	-	2
VEGE0010-1	<i>Safe and effective use of pesticides and residues control</i> - Bruno SCHIFFERS	14	10	-	2
VEGE0001-1	<i>Plant protection products bases</i> - Bruno SCHIFFERS	24	-	-	2
BIOL2017-2	<i>Biological chemistry, 2nd part</i> - Michel PAQUOT	12	12	-	2
CHIM9247-1	<i>Industrial chemical processes engineering</i> - Michel PAQUOT	12	12	-	2
CHIM9251-1	<i>Current questions in organic and biological chemistry</i> - Jean-Paul WATHELET - [14h SEM]	-	10	[+]	2
BIOD0001-2	<i>Biodiversity survey and management, 2nd part</i> - Grégory MAHY	6	18	-	2
GEST3016-1	<i>Management</i> - Philippe LEBAILLY	24	-	-	2
ECON2250-1	<i>International economics</i> - Philippe LEBAILLY	24	-	-	2
GEST3019-1	<i>Food Policy and Strategy</i> - Philippe LEBAILLY	24	-	-	2
ECON2251-1	<i>Food and agro-industrial Chain Economy</i> - Philippe LEBAILLY - [15h SEM]	9	-	[+]	2
ECON2253-1	<i>Economics of development Seminar</i> - Philippe LEBAILLY - [24h SEM]	-	-	[+]	2
GEST3017-1	<i>General accounting and balance sheet analysis</i> - Philippe LEBAILLY	24	-	-	2
GEST3021-1	<i>Complementary course of accounting</i> - Thomas DOGOT	-	24	-	2
VEGE0002-1	<i>Applied zoology</i> - Eric HAUBRUGE - Suppl : Frédéric FRANCIS - [9h SEM]	15	-	[+]	2
FORE0017-1	<i>Aquaculture</i> - Eric HAUBRUGE - [20h SEM, 4h FT]	-	-	[+]	2
VEGE0014-1	<i>Integrated pest management</i> - Eric HAUBRUGE - Suppl : François VERHEGGEN - [24h SEM]	-	-	[+]	2

VEGE0015-1	<i>Applied Entomology</i> - Eric HAUBRUGE	12	12	-	2
FORE0002-1	<i>Tree species of tropical and subtropical regions</i> - Jean-Louis DOUCET - [5h FT]	14	5	[+]	2
FORE0019-1	<i>Forestry of dry tropical regions</i> - Jean-Louis DOUCET	24	-	-	2
FORE0003-1	<i>Management of natural ecosystems</i> - Cédric VERMEULEN - [20h SEM]	4	-	[+]	2
FORE0007-1	<i>Genetic improvement of forest trees</i> - Jean-Louis DOUCET - [6h FT]	18	-	[+]	2
FORE0020-1	<i>Introduction to forest mensuration</i> - Jacques RONDEUX - [2h FT]	14	8	[+]	2
FORE0013-1	<i>Natural ressources inventory methods</i> - Philippe LEJEUNE - [2h SEM]	8	14	[+]	2
FORE0015-1	<i>Natural harvesting</i> - Philippe LEJEUNE	22	2	-	2
FORE0021-1	<i>Forest species of temperate regions</i> - Hugues CLAESSENS	24	-	-	2
FORE0022-1	<i>Ecological fondations of the silviculture</i> - Hugues CLAESSENS, Jacques RONDEUX - [6h FT]	18	-	[+]	2
FORE0023-1	<i>Silviculture</i> - Jacques RONDEUX	6	18	-	2
FORE0018-1	<i>Game management</i> - Jacques RONDEUX - [10h SEM]	14	-	[+]	2
ANIM0002-1	<i>Animal Breeding</i> - Nicolas GENGLER - [3h SEM, 4h FT]	10	7	[+]	2
AGRO0011-1	<i>Pedology of tropical and subtropical environments</i> - Laurent BOCK - [12h FT]	12	-	[+]	2
HYDR0003-1	<i>Applied hydrology</i> - N... - Suppl : Aurore DEGRE	-	24	-	2
HYDR0006-1	<i>Modelling of transfers in soils</i> - N... - Suppl : Aurore DEGRE - [12h SEM]	12	24	[+]	2
FORE0011-1	<i>Wood industries</i> - Jacques HEBERT - [12h FT]	12	-	[+]	2
FORE0016-1	<i>Wood-based products</i> - Jacques HEBERT - [6h FT]	18	-	[+]	2
FORE0012-1	<i>Forest products supply chain</i> - Jacques HEBERT - [4h SEM]	12	8	[+]	2
HORT0010-1	<i>Horticulture and environmental requirements</i> - Monique BODSON - [12h SEM]	12	-	[+]	2
HORT0002-1	<i>Horticulture production systems</i> - Monique BODSON - [9h FT]	15	-	[+]	2
HORT0001-1	<i>Principles of horticultural science</i> - Monique BODSON	24	-	-	2
HORT0006-1	<i>Horticultural Systematic</i> - Monique BODSON - [4h SEM]	10	10	[+]	2
HORT0011-1	<i>Analysis of the network of operators in the horticulture industry</i> - Monique BODSON - [8h FT]	12	4	[+]	2
HORT0003-1	<i>Managing tree growth and development: principles of arboriculture</i> - Monique BODSON	18	6	-	2
HORT0004-1	<i>Physiology of plant reproduction and propagation</i> - Monique BODSON	24	-	-	2
HORT0007-1	<i>Post harverst physiology</i> - Monique BODSON	24	-	-	2
BIOL2020-1	<i>Applied molecular biology</i> - Richard KETTMANN	24	-	-	2
FORE0024-1	<i>Wood anatomy and identification</i> - N... - Suppl : Benoît JOUREZ	12	12	-	2
GERE0002-1	<i>Principles of agricultural machines</i> - Marie-France DESTAIN - [3h FT]	21	-	[+]	2
GERE0013-1	<i>Metrology</i> - Marie-France DESTAIN	14	10	-	2
HYDR0010-1	<i>Open channel hydraulics</i> - Charles DEBOUCHE	10	14	-	2
ENVT3010-1	<i>Surveying (complement)</i> - Charles DEBOUCHE	8	16	-	2
INGE0003-1	<i>Engine</i> - Charles DEBOUCHE	24	-	-	2
HYDR0008-1	<i>Hydraulic pump and network</i> - Charles DEBOUCHE	10	14	-	2
HORT0009-1	<i>Horticultural production method and equipment</i> - Hugo MAGEIN - [3h FT]	21	-	[+]	2
AGRO0012-2	<i>Special tropical crop husbandry, second part</i> - Jean-Pierre BAUDOIN - [12h SEM]	12	-	[+]	2
VEGE0005-1	<i>General plant breeding</i> - Jean-Pierre BAUDOIN - [6h SEM]	18	-	[+]	2
VEGE0003-1	<i>Plant genetic resources</i> - Jean-Pierre BAUDOIN - [2h SEM, 8h FT]	14	-	[+]	2
PHYS3009-1	<i>Exchange Models in biosystems</i> - Marc AUBINET	16	8	-	2
GERE0007-1	<i>Digital electronics, first part</i> - Bernard HEINESCH	6	18	-	2
GERE0007-2	<i>Digital electronics, second part</i> - Bernard HEINESCH	6	18	-	2
PHYS3010-1	<i>Introduction to Bioclimatology</i> - Marc AUBINET	18	6	-	2
VEGE0007-1	<i>Bases of phytopathology</i> - Philippe LEPOIVRE - [8h SEM]	12	4	[+]	2
HORT0008-1	<i>Decision - making in crop protection, partim phytopathology</i> - Philippe LEPOIVRE - [19h SEM]	5	-	[+]	2
VEGE0006-1	<i>Integrated control of plant pathogens</i> - Philippe LEPOIVRE - [5h SEM, 4h FT]	10	5	[+]	2
VEGE0016-1	<i>Integrated control of plant pathogens</i> - Haissam JUAKLI - [6h SEM]	18	-	[+]	2
AGRO0002-1	<i>Fertilizers and soil amendmets</i> - N... - Suppl : Jean-Pierre DESTAIN	24	-	-	2
AGRO0007-1	<i>Practical aspects of agriculture in temperate regions</i> - Bernard BODSON - [18h FT]	6	-	[+]	2
AGRO0009-1	<i>Modelling of crop development</i> - Bernard BODSON	24	-	-	2
AGRO0006-1	<i>Malherbology and weeds control</i> - Bernard BODSON	21	3	-	2
VEGE0011-1	<i>Application techniques for products to treat crops</i> - Bernard BODSON, Marie-France DESTAIN, Bruno SCHIFFERS - [3h FT]	21	-	[+]	2
VEGE0012-1	<i>Pesticide formulation and packaging</i> - Bruno SCHIFFERS - [3h SEM, 6h FT]	15	-	[+]	2
STAT1218-1	<i>Statistical methods for economics</i> - Rodolphe PALM	12	12	-	2
ALIM0009-1	<i>Dairy science</i> - N... - Suppl : Marianne SINDIC - [3h FT]	12	9	[+]	2
BIAA0001-1	<i>Techniques of food preparation and preservation</i> - - Suppl : Christophe BLECKER	24	-	-	2
ALIM0005-1	<i>Food Formulations Engineering</i> - Christophe BLECKER	16	8	-	2

BIAA0002-1	<i>Agro-food industry - N...</i> - Suppl : Marianne SINDIC	24	-	-	2
GEST3018-1	<i>Synthesis works and seminars - N...</i> - Suppl : Sabine DANTHINE - [24h SEM]	-	-	[+]	2
INGE0002-1	<i>Refrigeration and drying, part 1 - N...</i> - Suppl : François BERA	20	4	-	2
INGE0002-2	<i>Refrigeration and drying, part 2 - N...</i> - Suppl : François BERA	24	-	-	2
ALIM0007-1	<i>Physico-chemistry of formulations - N...</i> - Suppl : Marianne SINDIC	18	6	-	2
BIAA0003-3	<i>Food and agro-food engineering, part 3 - N...</i> - Suppl : François BERA	2	22	-	2
GEST3015-1	<i>Quality management - Marianne SINDIC - [6h SEM]</i>	18	-	[+]	2
HORT0012-1	<i>Marketing of horticultural products - André TOUSSAINT - [6h SEM]</i>	18	-	[+]	2
GERE0009-1	<i>Earth moving and roads - Jean-Claude VERBRUGGE - [6h SEM]</i>	18	-	[+]	2
BIOL2017-1	<i>Biological chemistry, 1st part - Bernard WATHELET</i>	16	8	-	2
HYDR0004-1	<i>Irrigation - Dimitri XANTHOULIS</i>	24	-	-	2
ANIM0006-2	<i>Animal production in temperate countries, simple stomach animals and poultry - André THEWIS - [8h FT]</i>	16	-	[+]	2
AGRO0004-1	<i>Agro-pastoralism and forage productions, part 1 - N...</i> - Suppl : Abdoulaye DIENG	24	-	-	2
ANIM0011-1	<i>Animal welfare and ethics in production and experimentation - Daniel PORTETELLE, André THEWIS</i>	12	12	-	2
VEGE0013-1	<i>European regulation and ecotoxicology - - Suppl : Thierry NUYTTE</i>	24	-	-	2
ENVT2054-1	<i>Renewable energies - N...</i> - Suppl : Yves SCHENKEL - [4h FT]	20	-	[+]	2
ECON2246-1	<i>Economics of developing countries - N...</i> - Suppl : Baudouin MICHEL - [16h SEM]	8	-	[+]	2
VEGE0017-1	<i>Applied phytopathology - Philippe LEPOIVRE</i>	4	20	-	2
DROI0967-1	<i>Rural law - N...</i> - Suppl : Gaëtan GOISSE	24	-	-	2
VEGE0018-1	<i>Special crop protection, malherbology - Bernard BODSON - [4h SEM, 4h FT]</i>	16	-	[+]	2
VEGE0018-2	<i>Special crop protection, zoology - Eric HAUBRUGE - Suppl : François VERHEGGEN</i>	24	-	-	2
VEGE0018-3	<i>Special crop protection, phytopathology - Philippe LEPOIVRE - [10h SEM, 14h FT]</i>	-	-	[+]	2
VEGE0009-1	<i>Plant biotechnology: practical courses - Marie-Laure FAUCONNIER</i>	-	24	-	2
GEST3022-1	<i>Operations research for economics - - Suppl : Jean-Marc GODART</i>	16	8	-	2
ECON2254-1	<i>Tropicals markets - N...</i> - Suppl : Baudouin MICHEL	12	12	-	2
ECON2247-1	<i>Agricultural policy - Philippe BURNY - [6h SEM]</i>	12	6	[+]	2
ECON2245-1	<i>Agricultural economics - Philippe BURNY</i>	12	12	-	2
ANIM0012-1	<i>Animal pathology and hygiene - N...</i> - Suppl : Thierry VAN DEN BERG	24	-	-	2
BIOL2023-1	<i>Bio-informatics , Methods for the analysis of genomic sequences - N...</i> - Suppl : Laurence LINS	24	-	-	2
GERE0014-1	<i>Design of agro-industrial infrastructures and environmental incidences - - Suppl : Joseph FLABA - [6h FT]</i>	18	-	[+]	2
GBLX0003-1	<i>Biosafety and Ethics of Biotechnology - Patrick DU JARDIN - [18h SEM]</i>	6	-	[+]	2
GBLX0004-1	<i>Applied Analytical chemistry - Georges LOGNAY</i>	24	-	-	2
GBLX0054-1	<i>Processes of biorefinery and white biotechnology - N...</i> - Suppl : Michel PAQUOT - [6h SEM, 8h FT]	4	6	[+]	2
GBLX0055-1	<i>Biological control of insect pests - Eric HAUBRUGE</i>	9	15	-	2
AGRO0013-1	<i>Pedology of forest environment - Gilles COLINET - [12h FT]</i>	12	-	[+]	2
HYDR0011-1	<i>Ecohydrology - Aurore DEGRE - [6h FT]</i>	12	6	[+]	2
GBLX0056-1	<i>Marketing and consumer market research - Jean-Michel RONSSE</i>	24	-	-	2
GBLX0057-1	<i>Mathematical methods in decision making - Rodolphe PALM</i>	12	12	-	2
GBLX0058-1	<i>Complements of food formulations engineering and sensory analysis - N...</i> - Suppl : Christophe BLECKER - [4h SEM]	12	8	[+]	2
GBLX0059-1	<i>Logistics in food industry - Claude DEROANNE - Suppl : Marianne SINDIC - [9h SEM, 6h FT]</i>	9	-	[+]	2
GBLX0060-1	<i>Drinking water production - N...</i> - Suppl : Marc CULOT - [4h SEM]	14	6	[+]	2
GERE0001-1	<i>Dynamics of systems - Marie-France DESTAIN</i>	14	10	-	2
List : Rural and environmental engineering					
GENE0002-1	<i>Molecular genetics of microorganisms - Micheline VANDENBOL - [2h SEM]</i>	12	10	[+]	2
ANIM0009-1	<i>Immunobiology - Daniel PORTETELLE</i>	10	14	-	2
ALIM0001-1	<i>Food hygiene - Marc CULOT, Daniel PORTETELLE</i>	18	6	-	2
ANIM0008-1	<i>Animal cell culture - Daniel PORTETELLE - [4h FT]</i>	12	8	[+]	2
ANIM0003-1	<i>Immunology, immunochemistry - Daniel PORTETELLE</i>	12	12	-	2
ANIM0004-1	<i>Microbial biochemistry and physiology - Daniel PORTETELLE</i>	14	10	-	2
BIOL2014-1	<i>Complements of comparative animal anatomy and physiology - Robert RENAUVILLE</i>	24	-	-	2
ANIM0005-1	<i>Biochemistry of the metabolisms in the domestic animals - Robert RENAUVILLE</i>	24	-	-	2
ANIM0010-1	<i>Physiology of the domestic animals - Robert RENAUVILLE</i>	24	-	-	2
GEAT0003-1	<i>Land-use policy in rural areas - Claude FELTZ - [12h SEM]</i>	12	-	[+]	2
GEAT0002-1	<i>Economic geography elements - Claude FELTZ</i>	24	-	-	2
ENVT2052-1	<i>The environmental effects of projects and plans - Claude FELTZ - [6h SEM]</i>	18	-	[+]	2

BIAA0003-2	<i>Food and agro-food engineering, part 2</i> - François BERA	12	12	-	2
CHIM9241-1	<i>Purification and concentration techniques</i> - Jacqueline DESTAIN	24	-	-	2
BIOI0001-1	<i>Industrial microbiology</i> - Philippe THONART	24	-	-	2
BIOL2021-1	<i>Theory of the molecular structure-function relations</i> - Robert BRASSEUR	24	-	-	2
VEGE0008-1	<i>Applied Plant Physiology and Biochemistry</i> - Patrick DU JARDIN - [6h SEM]	18	-	[+]	2
VEGE0004-1	<i>Molecular Plant Biotechnology</i> - Patrick DU JARDIN - [4h SEM]	20	-	[+]	2
CHIM9245-1	<i>Applied organic chemistry</i> - Georges LOGNAY - [6h SEM]	18	-	[+]	2
CHIM9250-1	<i>Advanced analytical chemistry</i> - Georges LOGNAY - [6h SEM]	-	18	[+]	2
CHIM9242-1	<i>Fundamentals of quantitative analytical chemistry, part 1</i> - Georges LOGNAY - [6h SEM]	18	-	[+]	2
CHIM9252-1	<i>Applications of analytical chemistry</i> - Georges LOGNAY	4	20	-	2
VEGE0010-1	<i>Safe and effective use of pesticides and residues control</i> - Bruno SCHIFFERS	14	10	-	2
VEGE0001-1	<i>Plant protection products bases</i> - Bruno SCHIFFERS	24	-	-	2
BIOL2017-2	<i>Biological chemistry, 2nd part</i> - Michel PAQUOT	12	12	-	2
CHIM9247-1	<i>Industrial chemical processes engineering</i> - Michel PAQUOT	12	12	-	2
CHIM9251-1	<i>Current questions in organic and biological chemistry</i> - Jean-Paul WATHELET - [14h SEM]	-	10	[+]	2
BIOD0002-1	<i>Plant geography and phytosociology</i> - Grégory MAHY	12	12	-	2
BIOD0001-1	<i>Biodiversity survey and management, 1st part</i> - Grégory MAHY - Suppl : Sonia VANDERHOEVEN - [6h SEM]	18	-	[+]	2
BIOD0001-2	<i>Biodiversity survey and management, 2nd part</i> - Grégory MAHY	6	18	-	2
BIOD0004-1	<i>Ecology applied to open communities</i> - Grégory MAHY - [12h FT]	12	-	[+]	2
ECON2250-1	<i>International economics</i> - Philippe LEBAILLY	24	-	-	2
GEST3019-1	<i>Food Policy and Strategy</i> - Philippe LEBAILLY	24	-	-	2
ECON2251-1	<i>Food and agro-industrial Chain Economy</i> - Philippe LEBAILLY - [15h SEM]	9	-	[+]	2
ECON2253-1	<i>Economics of development Seminar</i> - Philippe LEBAILLY - [24h SEM]	-	-	[+]	2
GEST3021-1	<i>Complementary course of accounting</i> - Thomas DOGOT	-	24	-	2
CHIM9249-1	<i>Microbial ecology of soil and water</i> - Marc CULOT	18	6	-	2
VEGE0002-1	<i>Applied zoology</i> - Eric HAUBRUGE - Suppl : Frédéric FRANCIS - [9h SEM]	15	-	[+]	2
VEGE0021-1	<i>Limnology</i> - Frédéric FRANCIS - [4h SEM]	10	10	[+]	2
FORE0017-1	<i>Aquaculture</i> - Eric HAUBRUGE - [20h SEM, 4h FT]	-	-	[+]	2
VEGE0014-1	<i>Integrated pest management</i> - Eric HAUBRUGE - Suppl : François VERHEGGEN - [24h SEM]	-	-	[+]	2
VEGE0015-1	<i>Applied Entomology</i> - Eric HAUBRUGE	12	12	-	2
FORE0002-1	<i>Tree species of tropical and subtropical regions</i> - Jean-Louis DOUCET - [5h FT]	14	5	[+]	2
FORE0019-1	<i>Forestry of dry tropical regions</i> - Jean-Louis DOUCET	24	-	-	2
FORE0014-1	<i>Tropical agroforestry</i> - Jean-Louis DOUCET	24	-	-	2
FORE0003-1	<i>Management of natural ecosystems</i> - Cédric VERMEULEN - [20h SEM]	4	-	[+]	2
FORE0007-1	<i>Genetic improvement of forest trees</i> - Jean-Louis DOUCET - [6h FT]	18	-	[+]	2
FORE0020-1	<i>Introduction to forest mensuration</i> - Jacques RONDEUX - [2h FT]	14	8	[+]	2
FORE0013-1	<i>Natural resources inventory methods</i> - Philippe LEJEUNE - [2h SEM]	8	14	[+]	2
ENVT2050-1	<i>Applied remote sensing</i> - Philippe LEJEUNE	12	12	-	2
FORE0015-1	<i>Forest harvesting</i> - Philippe LEJEUNE	22	2	-	2
FORE0021-1	<i>Forest species of temperate regions</i> - Hugues CLAESSENS	24	-	-	2
FORE0022-1	<i>Ecological foundations of the silviculture</i> - Hugues CLAESSENS, Jacques RONDEUX - [6h FT]	18	-	[+]	2
FORE0023-1	<i>Silviculture</i> - Jacques RONDEUX	6	18	-	2
FORE0018-1	<i>Game management</i> - Jacques RONDEUX - [10h SEM]	14	-	[+]	2
ANIM0002-1	<i>Animal Breeding</i> - Nicolas GENGLER - [3h SEM, 4h FT]	10	7	[+]	2
GEOP0004-1	<i>Geomorphopedological identification</i> - Laurent BOCK - [12h FT]	12	-	[+]	2
AGRO0011-1	<i>Pedology of tropical and subtropical environments</i> - Laurent BOCK - [12h FT]	12	-	[+]	2
GEOP0005-1	<i>Applied regional pedology</i> - Laurent BOCK - [18h FT]	6	-	[+]	2
GEOP0003-1	<i>Pedogenesis and soil classification</i> - Laurent BOCK	24	-	-	2
GEOP0006-1	<i>Soil quality evaluation and management</i> - Gilles COLINET - [6h FT]	18	-	[+]	2
FORE0011-1	<i>Wood industries</i> - Jacques HEBERT - [12h FT]	12	-	[+]	2
FORE0016-1	<i>Wood-based products</i> - Jacques HEBERT - [6h FT]	18	-	[+]	2
FORE0012-1	<i>Forest products supply chain</i> - Jacques HEBERT - [4h SEM]	12	8	[+]	2
HORT0010-1	<i>Horticulture and environmental requirements</i> - Monique BODSON - [12h SEM]	12	-	[+]	2
HORT0002-1	<i>Horticulture production systems</i> - Monique BODSON - [9h FT]	15	-	[+]	2
HORT0001-1	<i>Principles of horticultural science</i> - Monique BODSON	24	-	-	2
HORT0006-1	<i>Horticultural Systematic</i> - Monique BODSON - [4h SEM]	10	10	[+]	2
HORT0011-1	<i>Analysis of the network of operators in the horticulture industry</i> - Monique BODSON -	12	4	[+]	2

	[8h FT]				
HORT0003-1	<i>Managing tree growth and development: principles of arboriculture</i> - Monique BODSON	18	6	-	2
HORT0004-1	<i>Physiology of plant reproduction and propagation</i> - Monique BODSON	24	-	-	2
HORT0007-1	<i>Post harvest physiology</i> - Monique BODSON	24	-	-	2
BIOL2020-1	<i>Applied molecular biology</i> - Richard KETTMANN	24	-	-	2
BIOL2015-2	<i>Molecular biology, 2nd part</i> - Richard KETTMANN	24	-	-	2
FORE0024-1	<i>Wood anatomy and identification</i> - N... - Suppl : Benoît JOUREZ	12	12	-	2
HORT0009-1	<i>Horticultural production method and equipment</i> - Hugo MAGEIN - [3h FT]	21	-	[+]	2
GERE0013-1	<i>Metrology</i> - Marie-France DESTAIN	14	10	-	2
AGRO0005-1	<i>Basis of tropical agriculture, first part</i> - Guy MERGEAI - [2h SEM]	22	-	[+]	2
AGRO0012-2	<i>Special tropical crop husbandry, second part</i> - Jean-Pierre BAUDOIN - [12h SEM]	12	-	[+]	2
VEGE0005-1	<i>General plant breeding</i> - Jean-Pierre BAUDOIN - [6h SEM]	18	-	[+]	2
VEGE0003-1	<i>Plant genetic resources</i> - Jean-Pierre BAUDOIN - [2h SEM, 8h FT]	14	-	[+]	2
VEGE0007-1	<i>Bases of phytopathology</i> - Philippe LEPOIVRE - [8h SEM]	12	4	[+]	2
HORT0008-1	<i>Decision - making in crop protection, partim phytopathology</i> - Philippe LEPOIVRE - [19h SEM]	5	-	[+]	2
VEGE0006-1	<i>Integrated control of plant pathogens</i> - Philippe LEPOIVRE - [5h SEM, 4h FT]	10	5	[+]	2
VEGE0016-1	<i>Integrated control of plant pathogens</i> - Haïssam JIAKLI - [6h SEM]	18	-	[+]	2
AGRO0002-1	<i>Fertilizers and soil amendments</i> - N... - Suppl : Jean-Pierre DESTAIN	24	-	-	2
AGRO0007-1	<i>Practical aspects of agriculture in temperate regions</i> - Bernard BODSON - [18h FT]	6	-	[+]	2
AGRO0009-1	<i>Modelling of crop development</i> - Bernard BODSON	24	-	-	2
AGRO0006-1	<i>Malherbology and weeds control</i> - Bernard BODSON	21	3	-	2
VEGE0011-1	<i>Application techniques for products to treat crops</i> - Bernard BODSON, Marie-France DESTAIN, Bruno SCHIFFERS - [3h FT]	21	-	[+]	2
VEGE0012-1	<i>Pesticide formulation and packaging</i> - Bruno SCHIFFERS - [3h SEM, 6h FT]	15	-	[+]	2
STAT1213-1	<i>Elements of multivariate statistical methods</i> - Rodolphe PALM	12	12	-	2
STAT1218-1	<i>Statistical methods for economics</i> - Rodolphe PALM	12	12	-	2
ALIM0009-1	<i>Dairy science</i> - N... - Suppl : Marianne SINDIC - [3h FT]	12	9	[+]	2
BIAA0001-1	<i>Techniques of food preparation and preservation</i> - - Suppl : Christophe BLECKER	24	-	-	2
ALIM0005-1	<i>Food Formulations Engineering</i> - Christophe BLECKER	16	8	-	2
BIAA0002-1	<i>Agro-food industry</i> - N... - Suppl : Marianne SINDIC	24	-	-	2
GEST3018-1	<i>Synthesis works and seminars</i> - N... - Suppl : Sabine DANTHINE - [24h SEM]	-	-	[+]	2
INGE0002-2	<i>Refrigeration and drying, part 2</i> - N... - Suppl : François BERA	24	-	-	2
ALIM0007-1	<i>Physico-chemistry of formulations</i> - N... - Suppl : Marianne SINDIC	18	6	-	2
BIAA0003-3	<i>Food and agro-food engineering, part 3</i> - N... - Suppl : François BERA	2	22	-	2
GEST3015-1	<i>Quality management</i> - Marianne SINDIC - [6h SEM]	18	-	[+]	2
HORT0012-1	<i>Marketing of horticultural products</i> - André TOUSSAINT - [6h SEM]	18	-	[+]	2
BIOL2017-1	<i>Biological chemistry, 1st part</i> - Bernard WATHELET	16	8	-	2
BIOL2018-1	<i>Nutrition and dietetic</i> - André THEWIS	24	-	-	2
ANIM0006-2	<i>Animal production in temperate countries, simple stomach animals and poultry</i> - André THEWIS - [8h FT]	16	-	[+]	2
AGRO0004-1	<i>Agro-pastoralism and forage productions, part 1</i> - N... - Suppl : Abdoulaye DIENG	24	-	-	2
AGRO0004-2	<i>Agro-pastoralism and forage productions, part 2</i> - N... - Suppl : Didier STILMANT - [8h FT]	8	8	[+]	2
ANIM0011-1	<i>Animal welfare and ethics in production and experimentation</i> - Daniel PORTETELLE, André THEWIS	12	12	-	2
SOCI2234-1	<i>General and rural sociology</i> - Daniel BODSON	24	-	-	2
ENVT2051-1	<i>Applied geomatics</i> - Philippe LEJEUNE	8	16	-	2
VEGE0013-1	<i>European regulation and ecotoxicology</i> - - Suppl : Thierry NUYTTEIN	24	-	-	2
DROI0970-1	<i>Law of physical planning</i> - N...	24	-	-	2
DROI0969-1	<i>Forestry law</i> - N... - Suppl : Grégoire ORBAN DE XIVRY	24	-	-	2
ECON2246-1	<i>Economics of developing countries</i> - N... - Suppl : Baudouin MICHEL - [16h SEM]	8	-	[+]	2
GEST3020-1	<i>Conceiving and economic assessment of project</i> - N... - Suppl : Baudouin MICHEL - [12h SEM]	12	-	[+]	2
VEGE0017-1	<i>Applied phytopathology</i> - Philippe LEPOIVRE	4	20	-	5
DROI0967-1	<i>Rural law</i> - N... - Suppl : Gaëtan GOISSE	24	-	-	2
VEGE0018-1	<i>Special crop protection, malherbology</i> - Bernard BODSON - [4h SEM, 4h FT]	16	-	[+]	2
VEGE0018-2	<i>Special crop protection, zoology</i> - Eric HAUBRUGE - Suppl : François VERHEGGEN	24	-	-	2
VEGE0018-3	<i>Special crop protection, phytopathology</i> - Philippe LEPOIVRE - [10h SEM, 14h FT]	-	-	[+]	2
VEGE0009-1	<i>Plant biotechnology: practical courses</i> - Marie-Laure FAUCONNIER	-	24	-	2
GEST3022-1	<i>Operations research for economics</i> - - Suppl : Jean-Marc GODART	16	8	-	2

ECON2254-1	<i>Tropicals markets</i> - N... - Suppl : Baudouin MICHEL	12	12	-	2
ECON2247-1	<i>Agricultural policy</i> - Philippe BURNY - [6h SEM]	12	6	[+]	2
ECON2248-1	<i>Environmental economy</i> - Philippe LEBAILLY	24	-	-	2
ECON2245-1	<i>Agricultural economics</i> - Philippe BURNY	12	12	-	2
ANIM0012-1	<i>Animal pathology and hygiene</i> - N... - Suppl : Thierry VAN DEN BERG	24	-	-	2
BIOL2023-1	<i>Bio-informatics , Methods for the analysis of genomic sequences</i> - N... - Suppl : Laurence LINS	24	-	-	2
GERE0014-1	<i>Design of agro-industrial infrastructures and environmental incidences</i> - - Suppl : Joseph FLABA - [6h FT]	18	-	[+]	2
GBLX0003-1	<i>Biosafety and Ethics of Biotechnology</i> - Patrick DU JARDIN - [18h SEM]	6	-	[+]	2
GBLX0004-1	<i>Applied Analytical chemistry</i> - Georges LOGNAY	24	-	-	2
GBLX0054-1	<i>Processes of biorefinery and white biotechnology</i> - N... - Suppl : Michel PAQUOT - [6h SEM, 8h FT]	6	6	[+]	2
GBLX0055-1	<i>Biological control of insect pests</i> - Eric HAUBRUGE	9	15	-	2
AGRO0013-1	<i>Pedology of forest environment</i> - Gilles COLINET - [12h FT] (Even years)	12	-	[+]	2
HYDR0011-1	<i>Ecohydrology</i> - Aurore DEGREGRE - [6h FT]	12	6	[+]	2
GBLX0056-1	<i>Marketing and consumer market research</i> - Jean-Michel RONSSE	24	-	-	2
GBLX0057-1	<i>Mathematical methods in decision making</i> - Rodolphe PALM	12	12	-	2
GBLX0058-1	<i>Complements of food formulations engineering and sensory analysis</i> - N... - Suppl : Christophe BLECKER - [4h SEM]	12	8	[+]	2
GBLX0059-1	<i>Logistics in food industry</i> - Claude DEROANNE - Suppl : Marianne SINDIC - [9h SEM, 6h FT]	9	-	[+]	2
GBLX0060-1	<i>Drinking water production</i> - N... - Suppl : Marc CULOT - [4h SEM]	14	6	[+]	2
GERE0001-1	<i>Dynamics of systems</i> - Marie-France DESTAIN	14	10	-	2

Second Year

Optional courses

Follow-up to the option chosen in first year :

Environmental management and regional planning

Final work

RTFE0002-1	<i>Final dissertation</i> - N...	-	-	-	27
LANG0907-1	<i>English language : scientific communication</i> - N... - Suppl : Sophie DEPOTERRE, Marie-Anne DUFFELER	36	-	-	3

Interdisciplinary project

PROJ0002-2	<i>Interdisciplinary project, 2nd part</i> - N... - [84h SEM]	-	-	[+]	7
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Management of natural ecosystems

BIOD0004-1	<i>Ecology applied to open communities</i> - Grégory MAHY - [12h FT]	12	-	[+]	2
FORE0014-1	<i>Tropical agroforestry</i> - Jean-Louis DOUCET	24	-	-	2
ENVT2051-1	<i>Applied geomatics</i> - Philippe LEJEUNE	8	16	-	2

Assessment and environmental Management

ENVT2052-1	<i>The environmental effects of projects and plans</i> - Claude FELTZ - [6h SEM]	18	-	[+]	2
ENVT2049-1	<i>Introduction to environmental assessment</i> - Charles DEBOUCHE	24	-	-	2
DROI0969-1	<i>Forestry law</i> - N... - Suppl : Grégoire ORBAN DE XIVRY	24	-	-	2
ENVT2053-1	<i>Waste management</i> - N... - Suppl : Luc MINNE - [3h FT]	21	-	[+]	2

Land planning

GEAT0003-1	<i>Land-use policy in rural areas</i> - Claude FELTZ - [12h SEM]	12	-	[+]	2
GEAT0004-1	<i>Seminar in town and country planning</i> - Claude FELTZ - [60h SEM]	-	-	[+]	5
DROI0970-1	<i>Law of physical planning</i> - N...	24	-	-	2

Rural and environmental engineering

Final work

RTFE0002-1	<i>Final dissertation</i> - N...	-	-	-	27
LANG0907-1	<i>English language : scientific communication</i> - N... - Suppl : Sophie DEPOTERRE, Marie-Anne DUFFELER	36	-	-	3

Interdisciplinary project

PROJ0002-2	<i>Interdisciplinary project, 2nd part</i> - N... - [84h SEM]	-	-	[+]	7
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Agro-equipment and structure

GERE0011-1 *Building physics and special techniques* - Frédéric LEBEAU - [6h SEM, 6h FT] 30 18 [+] 5

Automatic

GERE0012-1 *Automatics and robotics in agriculture* - Marie-France DESTAIN - [3h FT] 16 17 [+] 3

Hydraulics

HYDR0009-1 *Hydraulic engineering and environmental aspects* - - Suppl : Aurore DEGRE 15 45 - 5

HYDR0010-1 *Open channel hydraulics* - Charles DEBOUCHE 10 14 - 2

Environmental techniques

CHIM9248-1 *Basic principles of wastewater treatments* - Marc CULOT 24 - - 2

ENVT2049-1 *Introduction to environmental assessment* - Charles DEBOUCHE 24 - - 2

ENVT2053-1 *Waste management* - N... - Suppl : Luc MINNE - [3h FT] 21 - [+] 2

ENVT2054-1 *Renewable energies* - N... - Suppl : Yves SCHENKEL - [4h FT] 20 - [+] 2