

First Year

Compulsory courses

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

Engineering Science

FORE0004-1 *Forest mensuration and forest inventory* - Jacques RONDEUX - [6h SEM] 20 10 [+] 3

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

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

ENVT2051-1 *Applied geomatics* - Philippe LEJEUNE 8 16 - 2

Struggle for forests

VEGE0001-1 *Plant protection products bases* - Bruno SCHIFFERS 24 - - 2

VEGE0002-1 *Applied zoology* - Eric HAUBRUGE - Suppl : Frédéric FRANCIS - [9h SEM] 15 - [+] 2

VEGE0007-1 *Bases of phytopathology* - Philippe LEPOIVRE - [8h SEM] 12 4 [+] 2

Silviculture and regional planning

FORE0005-1 *Multifunctional management of forests* - Jacques RONDEUX - [6h FT] 28 14 [+] 4

FORE0006-1 *Applied silviculture* - Jacques RONDEUX - [22h FT] 22 4 [+] 4

Applied ecology and genetics

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

FORE0007-1 *Genetic improvement of forest trees* - Jean-Louis DOUCET - [6h FT] 18 - [+] 2

FORE0008-1 *Site analysis* - Hugues CLAESSENS 20 16 - 3

Tropical forests and ecology

FORE0002-1 *Tree species of tropical and subtropical regions* - Jean-Louis DOUCET - [5h FT] 14 5 [+] 2

FORE0009-1 *Tropical moist forests management* - Jean-Louis DOUCET - [10h SEM] 38 - [+] 4

Valorization and wood

FORE0010-1 *Wood science* - Jacques HEBERT - [2h SEM, 2h FT] 24 20 [+] 4

FORE0011-1 *Wood industries* - Jacques HEBERT - [12h FT] 12 - [+] 2

FORE0012-1 *Forest products supply chain* - Jacques HEBERT - [4h SEM] 12 8 [+] 2

Business Management and Accountancy

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

GEST3017-1 *General accounting and balance sheet analysis* - Philippe LEBAILLY 24 - - 2

List of option courses

GENE0002-1 *Molecular genetics of microorganisms* - Micheline VANDENBOL - [2h SEM] 12 10 [+] 2

ANIM0009-1 *Immunobiology* - Daniel PORTETELLE 10 14 - 2

ALIM0001-1 *Food hygiene* - Marc CULOT, Daniel PORTETELLE 18 6 - 2

ANIM0008-1 *Animal cell culture* - Daniel PORTETELLE - [4h FT] 12 8 [+] 2

ANIM0003-1 *Immunology, immunochemistry* - Daniel PORTETELLE 12 12 - 2

ANIM0004-1 *Microbial biochemistry and physiology* - Daniel PORTETELLE 14 10 - 2

BIOL2014-1 *Complements of comparative animal anatomy and physiology* - Robert RENAVILLE 24 - - 2

ANIM0005-1 *Biochemistry of the metabolisms in the domestic animals* - Robert RENAVILLE 24 - - 2

ANIM0010-1 *Physiology of the domestic animals* - Robert RENAVILLE 24 - - 2

GEAT0003-1 *Land-use policy in rural areas* - Claude FELTZ - [12h SEM] 12 - [+] 2

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

ENVT2052-1 *The environmental effects of projects and plans* - Claude FELTZ - [6h SEM] 18 - [+] 2

BIAA0003-2 *Food and agro-food engineering, part 2* - François BERA 12 12 - 2

CHIM9241-1 *Purification and concentration techniques* - Jacqueline DESTAIN 24 - - 2

BIOI0001-1 *Industrial microbiology* - Philippe THONART 24 - - 2

BIOL2021-1 *Theory of the molecular structure-function relations* - Robert BRASSEUR 24 - - 2

VEGE0008-1 *Applied Plant Physiology and Biochemistry* - Patrick DU JARDIN - [6h SEM] 18 - [+] 2

VEGE0004-1 *Molecular Plant Biotechnology* - Patrick DU JARDIN - [4h SEM] 20 - [+] 3

CHIM9245-1 *Applied organic chemistry* - Georges LOGNAY - [6h SEM] 18 - [+] 2

CHIM9250-1 *Advanced analytical chemistry* - Georges LOGNAY - [6h SEM] - 18 [+] 2

CHIM9242-1 *Fundamentals of quantitative analytical chemistry, part 1* - Georges LOGNAY - [6h 18 - [+] 2

	SEM]				
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
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
BIOD0001-1	<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
CHIM9248-1	<i>Basic principles of wastewater treatments</i> - Marc CULOT	24	-	-	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
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
HYDR0002-1	<i>Water flow in soils</i> - N... - Suppl : Aurore DEGRE	24	-	-	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
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 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
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
ENVT2049-1	<i>Introduction to environmental assessment</i> - Charles DEBOUCHE	24	-	-	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
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
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
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 JJAKLI - [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
GERE0009-1	<i>Earth moving and roads</i> - Jean-Claude VERBRUGGE - [6h SEM]	18	-	[+]	2
BIOL2017-1	<i>Biological chemistry, 1st part</i> - Bernard WATHELET	16	8	-	2
HYDR0004-1	<i>Irrigation</i> - Dimitri XANTHOULIS	24	-	-	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
VEGE0013-1	<i>European regulation and ecotoxicology</i> - - Suppl : Thierry NUYTTEN	24	-	-	2
DROI0970-1	<i>Law of physical planning</i> - N...	24	-	-	2
ENVT2053-1	<i>Waste management</i> - N... - Suppl : Luc MINNE - [3h FT]	21	-	[+]	2
ENVT2054-1	<i>Renewable energies</i> - N... - Suppl : Yves SCHENKEL - [4h FT]	20	-	[+]	2
ECON2246-1	<i>Economics of developing countries</i> - N... - Suppl : Baudouin MICHEL - [16h SEM]	8	-	[+]	2
VEGE0017-1	<i>Applied phytopathology</i> - Philippe LEPOIVRE	4	20	-	2
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]	12	-	[+]	2
HYDR0011-1	<i>Ecohydrology</i> - Aurore DEGRE - [6h FT]	12	6	[+]	2
GBLX0056-1	<i>Marketing and consumer market research</i> - Jean-Michel RONSSSE	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 :	12	8	[+]	2

	Christophe BLECKER - [4h SEM]				
GBLX0059-1	<i>Logistics in food industry</i> - Claude DEROANNE - Suppl : Marianne SINDIC - [9h SEM, 9h 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

Compulsory courses

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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Valorization and wood

FORE0015-1	<i>Forest harvesting</i> - Philippe LEJEUNE	22	2	-	2
FORE0016-1	<i>Wood-based products</i> - Jacques HEBERT - [6h FT]	18	-	[+]	2

Game management and aquaculture

FORE0017-1	<i>Aquaculture</i> - Eric HAUBRUGE - [20h SEM, 4h FT]	-	-	[+]	2
FORE0018-1	<i>Game management</i> - Jacques RONDEUX - [10h SEM]	14	-	[+]	2

Economy and legislation

ECON2255-1	<i>Forest and natural resources economics</i> - Jacques RONDEUX - [4h SEM]	22	10	[+]	3
DROI0969-1	<i>Forestry law</i> - N... - Suppl : Grégoire ORBAN DE XIVRY	24	-	-	2
GEST3020-1	<i>Conceiving and economic assessment of project</i> - N... - Suppl : Baudouin MICHEL - [12h SEM]	12	-	[+]	2

Tropical forests

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

Resources and tropical environments management

FORE0003-1	<i>Management of natural ecosystems</i> - Cédric VERMEULEN - [20h SEM]	4	-	[+]	2
FORE0013-1	<i>Natural resources inventory methods</i> - Philippe LEJEUNE - [2h SEM]	8	14	[+]	2