

## First Year

### Compulsory courses

BIOL2010-1	<i>Cellular biology</i> - Daniel PORTETELLE	24	-	-	2,5
BOTA0408-1	<i>Botany</i> - Patrick DU JARDIN	52	72	-	11,5
CHIM9237-1	<i>General chemistry</i> - Jean-Paul WATHELET	58	66	-	11,5
MATH0485-1	<i>General mathematics, first part</i> - Catherine CHARLES	58	66	-	11,5
PHYS3007-1	<i>General physics</i> - Marc AUBINET	54	70	-	11,5
ZOOL2006-1	<i>Zoology</i> - Eric HAUBRUGE - [6h SEM, 3h FT]	66	49	[+]	11,5

## Second Year

### Compulsory courses

BIOL2011-1	<i>Comparative animal anatomy and physiology</i> - Robert RENAUVILLE	38	10	-	4
CHIM9238-1	<i>Analytical chemistry</i> - Georges LOGNAY	16	32	-	4
CHIM9239-1	<i>Biological molecules chemistry</i> - Michel PAQUOT	24	-	-	2
CHIM9255-1	<i>Organic Chemistry</i> - Jean-Paul WATHELET	28	44	-	6
ECON2244-1	<i>Political and social economics</i> - Philippe LEBAILLY	48	12	-	5
ELEC0438-1	<i>Electricity</i> - Marc AUBINET	24	36	-	5
INFO2037-1	<i>Introduction to computer science</i> - Jean-Jacques CLAUSTRICIAUX	6	18	-	2
LANG0906-3	<i>English language, part 1</i> - Sophie DEPOTERRE	-	48	-	4
MATH0485-3	<i>General mathematics, second part</i> - Catherine CHARLES	18	18	-	3
MECA0490-1	<i>Engineering mechanics</i> - Marie-France DESTAIN	18	18	-	3
BIOL2012-1	<i>Plant physiology</i> - Patrick DU JARDIN	32	16	-	4
PHYS3008-1	<i>Environmental physics</i> - Marc AUBINET	16	8	-	2
GEOP0001-1	<i>Earth sciences</i> - Laurent BOCK - [6h FT]	74	28	[+]	9
SOCI2233-1	<i>Sociology</i> - Daniel BODSON	24	-	-	2
STAT1206-1	<i>Fundamental statistics</i> - Rodolphe PALM	30	30	-	5

## Third Year

### Optional courses

Choose one field from amongst :

#### Agronomical sciences

AGRO0001-1	<i>Compared agriculture</i> - Bernard BODSON, Guy MERGEAI - [2h FT]	34	-	[+]	3
AGRO0002-1	<i>Fertilizers and soil amendments</i> - Jean-Pierre DESTAIN	24	-	-	2
BIAA0001-1	<i>Techniques of food preparation and preservation</i> - Christophe BLECKER	24	-	-	2
BIAA0002-1	<i>Agro-food industry</i> - Marianne SINDIC	24	-	-	2
BIOL2015-3	<i>Molecular biology</i> - Luc WILLEMS	36	-	-	3
BIOL2016-3	<i>Principles of genetics</i> - Jean-Pierre BAUDOIN	24	12	-	3
BIOL2017-1	<i>Biological chemistry, 1st part</i> - Bernard WATHELET	16	8	-	2
BIOL2018-1	<i>Human and animal nutrition</i> - André THEWIS	24	-	-	2
BIOL2013-2	<i>General microbiology, 1st part</i> - Daniel PORTETELLE	16	8	-	2
BIOL2013-3	<i>General microbiology, 2nd part</i> - Daniel PORTETELLE	16	8	-	2
DOCU0449-1	<i>Scientific literature and information literacy</i> - Bernard POCHET	10	10	-	2
DROI0966-1	<i>Law</i> - Gaëtan GOISSE	24	-	-	2
ENVT2044-1	<i>General ecology</i> - Grégory MAHY	28	20	-	4
FORE0001-2	<i>Forests and forest ecosystems</i> - N... - Suppl : Hugues CLAESSENS, Jean-Louis DOUCET	24	-	-	2
GEOP0002-1	<i>Pedology</i> - Laurent BOCK - [6h FT]	42	-	[+]	4
HYDR0001-1	<i>General Hydrology</i> - N... - Suppl : Aurore DEGRE	24	-	-	2
INFO2038-1	<i>Computer science and algorithmic</i> - Yves BROSTAUX	18	6	-	2
INGE0001-2	<i>Strength of materials and elasticity</i> - Pierre LATTEUR	36	-	-	2

INGE0002-1	<i>Refrigeration and drying, part 1</i> - François BERA	20	4	-	2
LANG0906-2	<i>English language, part 2</i> - Marie-Anne DUFFELER	16	32	-	4
MANA0002-1	<i>Team, organization and change</i> - Jean-François LEROY - [18h SEM]	3	-	[+]	4
SPRA0001-1	<i>Animal production</i> - André THEWIS	24	-	-	2
STAT1207-1	<i>Applied statistics</i> - Jean-Jacques CLAUSTRIAUX	30	30	-	5

### Chemistry and bioindustry

BIAA0001-1	<i>Techniques of food preparation and preservation</i> - Christophe BLECKER	24	-	-	2
BIAA0003-1	<i>Food and agro-food engineering, 1st part</i> - Philippe THONART	24	24	-	4
BIOL2015-3	<i>Molecular biology</i> - Luc WILLEMS	36	-	-	3
BIOL2016-3	<i>Principles of genetics</i> - Jean-Pierre BAUDOIN	24	12	-	3
BIOL2017-1	<i>Biological chemistry, 1st part</i> - Bernard WATHELET	16	8	-	2
BIOL2017-2	<i>Biological chemistry, 2nd part</i> - Michel PAQUOT	12	12	-	2
BIOL2019-1	<i>Theoretical and physical chemistry applied to structural analysis of biomolecules</i> - Bernard WATHELET	36	48	-	7
BIOL2013-2	<i>General microbiology, 1st part</i> - Daniel PORTETELLE	16	8	-	2
BIOL2013-3	<i>General microbiology, 2nd part</i> - Daniel PORTETELLE	16	8	-	2
CHIM9241-1	<i>Purification and concentration techniques</i> - Jacqueline DESTAIN	24	-	-	2
CHIM9242-1	<i>Fundamentals of quantitative analytical chemistry, part 1</i> - Georges LOGNAY - [6h SEM]	18	-	[+]	2
CHIM9242-3	<i>Fundamentals of quantitative analytical chemistry, part 2</i> - Georges LOGNAY	18	54	-	6
DOCU0449-1	<i>Scientific literature and information literacy</i> - Bernard POCHET	10	10	-	2
INFO2038-1	<i>Computer science and algorithmic</i> - Yves BROSTAUX	18	6	-	2
INGE0001-2	<i>Strength of materials and elasticity</i> - Pierre LATTEUR	36	-	-	2
INGE0002-1	<i>Refrigeration and drying, part 1</i> - François BERA	20	4	-	2
INGE0002-2	<i>Refrigeration and drying, part 2</i> - François BERA	24	-	-	2
LANG0906-2	<i>English language, part 2</i> - Marie-Anne DUFFELER	16	32	-	4
MANA0002-1	<i>Team, organization and change</i> - Jean-François LEROY - [18h SEM]	3	-	[+]	4
STAT1207-1	<i>Applied statistics</i> - Jean-Jacques CLAUSTRIAUX	30	30	-	5

### Environmental sciences and technologies

AGRO0001-1	<i>Compared agriculture</i> - Bernard BODSON, Guy MERGEAI - [2h FT]	34	-	[+]	3
BIOL2015-3	<i>Molecular biology</i> - Luc WILLEMS	36	-	-	2
BIOL2016-3	<i>Principles of genetics</i> - Jean-Pierre BAUDOIN	24	12	-	3
BIOL2013-2	<i>General microbiology, 1st part</i> - Daniel PORTETELLE	16	8	-	2
DOCU0449-1	<i>Scientific literature and information literacy</i> - Bernard POCHET	10	10	-	2
DROI0966-1	<i>Law</i> - Gaëtan GOISSE	24	-	-	2
ENVT2044-1	<i>General ecology</i> - Grégory MAHY	28	20	-	4
ENVT2045-1	<i>Surveying</i> - Charles DEBOUCHE	15	9	-	2
FORE0001-2	<i>Forests and forest ecosystems</i> - N... - Suppl : Hugues CLAESSENS, Jean-Louis DOUCET	24	-	-	2
GEOP0002-1	<i>Pedology</i> - Laurent BOCK - [6h FT]	42	-	[+]	4
HYDR0001-1	<i>General Hydrology</i> - N... - Suppl : Aurore DEGREGRE	24	-	-	2
HYDR0002-1	<i>Water flow in soils</i> - N... - Suppl : Aurore DEGREGRE	24	-	-	2
INFO2038-1	<i>Computer science and algorithmic</i> - Yves BROSTAUX	18	6	-	2
INGE0001-2	<i>Strength of materials and elasticity</i> - Pierre LATTEUR	36	-	-	3
INGE0002-1	<i>Refrigeration and drying, part 1</i> - François BERA	20	4	-	2
INGE0004-1	<i>Construction processes</i> - Pierre LATTEUR - [6h SEM, 3h FT]	22	17	[+]	4
INGE0005-2	<i>Kinematics and dynamics of machines</i> - Marie-France DESTAIN	12	12	-	2
INGE0006-1	<i>Systems Dynamics</i> - Marie-France DESTAIN	14	10	-	2
LANG0906-2	<i>English language, part 2</i> - Marie-Anne DUFFELER	16	32	-	4
MANA0002-1	<i>Team, organization and change</i> - Jean-François LEROY - [18h SEM]	3	-	[+]	4
PHYS3010-1	<i>Introduction to Bioclimatology</i> - Marc AUBINET	18	6	-	2
STAT1207-1	<i>Applied statistics</i> - Jean-Jacques CLAUSTRIAUX	30	30	-	5

### Management of forests and natural areas

AGRO0001-1	<i>Compared agriculture</i> - Bernard BODSON, Guy MERGEAI - [2h FT]	34	-	[+]	3
BIOL2015-3	<i>Molecular biology</i> - Luc WILLEMS	36	-	-	3
BIOL2016-3	<i>Principles of genetics</i> - Jean-Pierre BAUDOIN	24	12	-	3
BIOL2013-2	<i>General microbiology, 1st part</i> - Daniel PORTETELLE	16	8	-	2

DOCU0449-1	<i>Scientific literature and information literacy</i> - Bernard POCHET	10	10	-	2
DROI0966-1	<i>Law</i> - Gaëtan GOISSE	24	-	-	2
ENV2044-1	<i>General ecology</i> - Grégory MAHY	28	20	-	4
FORE0001-2	<i>Forests and forest ecosystems</i> - N... - Suppl : Hugues CLAESSENS, Jean-Louis DOUCET	24	-	-	2
FORE0021-1	<i>Forest species of temperate regions</i> - Hugues CLAESSENS	24	-	-	2
FORE0022-2	<i>Ecological foundations of the silviculture</i> - Hugues CLAESSENS - [5h FT]	19	-	[+]	2
FORE0024-1	<i>Wood anatomy and identification</i> - Benoît JOUREZ	12	12	-	2
GEOP0002-1	<i>Pedology</i> - Laurent BOCK - [6h FT]	42	-	[+]	4
HYDR0001-1	<i>General Hydrology</i> - N... - Suppl : Aurore DEGRE	24	-	-	2
INFO2038-1	<i>Computer science and algorithmic</i> - Yves BROSTAU	18	6	-	2
INGE0001-2	<i>Strength of materials and elasticity</i> - Pierre LATTEUR	36	-	-	2
INGE0002-1	<i>Refrigeration and drying, part 1</i> - François BERA	20	4	-	2
INGE0006-1	<i>Systems Dynamics</i> - Marie-France DESTAIN	14	10	-	2
LANG0906-2	<i>English language, part 2</i> - Marie-Anne DUFFELER	16	32	-	4
MANA0002-1	<i>Team, organization and change</i> - Jean-François LEROY - [18h SEM]	3	-	[+]	4
PAYS0002-1	<i>Territories and rural landscapes</i> - Jan BOGAERT	-	-	-	2
PHYS3010-1	<i>Introduction to Bioclimatology</i> - Marc AUBINET	18	6	-	2
SPRA0001-1	<i>Animal production</i> - André THEWIS	24	-	-	2
STAT1207-1	<i>Applied statistics</i> - Jean-Jacques CLAUSTRIC	30	30	-	5