

A single year

Compulsory courses

ALIM0001-1	<i>Food hygiene</i> - Marc CULOT, Daniel PORTETELLE - Suppl : Daniel PORTETELLE, Marianne SINDIC	18	6	-	2
CHIM9242-3	<i>Fundamentals of quantitative analytical chemistry, part 2</i> - Georges LOGNAY	18	54	-	6
CHIM9249-1	<i>Microbial ecology of soil and water</i> - Marc CULOT - Suppl : Thierry FIEVEZ	18	6	-	2
HYDR0001-1	<i>General Hydrology</i> - N... - Suppl : Aurore DEGRE	24	-	-	2
PROJ0003-1	<i>Personal preparatory project</i> - N...	-	-	-	12

Optional courses

Choose courses totaling 36 credits (depending on the profile) :

BIOL2013-1	<i>General microbiology</i> - Daniel PORTETELLE	32	16	-	4
ANIM0004-1	<i>Microbial biochemistry and physiology</i> - Daniel PORTETELLE	14	10	-	2
ENVT2043-1	<i>Elements of human and economic geography</i>	24	-	-	2
GEAT0002-1	<i>Economic geography elements</i>	24	-	-	2
ENVT2052-1	<i>The environmental effects of projects and plans</i> - Jan BOGAERT - [6h SEM]	18	-	[+]	2
BIAA0003-1	<i>Food and agro-food engineering, 1st part</i> - Philippe THONART	24	24	-	4
CHIM9241-1	<i>Purification and concentration techniques</i> - Jacqueline DESTAIN	24	-	-	2
BIOI0001-1	<i>Industrial microbiology</i> - Philippe THONART	24	-	-	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
VEGE0001-1	<i>Plant protection products bases</i> - Bruno SCHIFFERS	24	-	-	2
CHIM9240-2	<i>Organic chemistry, 2nd part</i> - Jean-Paul WATHELET	4	44	-	4
ENVT2044-1	<i>General ecology</i> - Grégory MAHY	28	20	-	4
GEST3016-1	<i>Management</i> - Philippe LEBAILLY	24	-	-	2
GEST3017-1	(pas organisé en 2010-2011) <i>General accounting and balance sheet analysis</i>	24	-	-	2
VEGE0021-1	(pas organisé en 2010-2011) <i>Limnology</i> - Frédéric FRANCIS - [4h SEM]	10	10	[+]	2
FORE0017-1	<i>Aquaculture</i> - Eric HAUBRUGE - [20h SEM, 4h FT]	-	-	[+]	2
ENVT2050-1	<i>Applied remote sensing</i> - Philippe LEJEUNE	12	12	-	2
ENVT2067-1	(pas organisé en 2010-2011) <i>Geomatics</i>	24	-	-	2
GEOP0002-1	<i>Pedology</i> - Laurent BOCK - [6h FT]	42	-	[+]	4
AGRO0011-1	<i>Pedology of tropical and subtropical environments</i> - Laurent BOCK - [12h FT]	12	-	[+]	2
GEOP0003-1	<i>Pedogenesis and international system of reference</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
INGE0001-1	<i>Strength of materials and elasticity</i> - Pierre LATTEUR	15	15	-	2,5
GERE0001-1	(pas organisé en 2010-2011) <i>Dynamics of systems</i>	14	10	-	2
GERE0004-1	<i>Mechanical engineering design</i> - Marie-France DESTAIN - [3h FT]	23	10	[+]	3
GERE0013-1	<i>Metrology</i> - Marie-France DESTAIN	14	10	-	2
HYDR0010-1	<i>Open channel hydraulics</i> - Charles DEBOUCHE	10	14	-	2
ENVT2045-1	<i>Surveying</i> - Charles DEBOUCHE	15	9	-	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
HYDR0005-2	<i>Hydrogeology and groundwater management</i> - Jean Marie MARCOEN - [4h SEM, 8h FT, 4h AUTR]	14	6	[+]	3
GEOP0007-4	(pas organisé en 2010-2011) <i>Soil components and the environment</i>				5
AGRO0005-1	<i>Basis of tropical agriculture, first part</i> - Guy MERGEAI - [2h SEM]	22	-	[+]	2
PHYS3009-1	<i>Exchange Models in biosystems</i> - Marc AUBINET	16	8	-	2
AGRO0002-1	<i>Fertilizers and soil amendments</i> - Jean-Pierre DESTAIN	24	-	-	2
INFO2037-1	<i>Introduction to computer science</i> - Jean-Jacques CLAUSTRIAUX	6	18	-	2
STAT1207-1	<i>Applied statistics</i> - Jean-Jacques CLAUSTRIAUX	30	30	-	5
INFO2038-1	<i>Computer science and algorithmic</i> - Yves BROSTAUX	18	6	-	2
AGRO0018-1	<i>Office automation</i> - Jean-Jacques CLAUSTRIAUX	15	-	-	2

Required preliminary complements to register in the Advanced master in bio-engineering: sanitary engineering

GEST3015-1	<i>Quality management</i> - Marianne SINDIC - [6h SEM]	18	-	[+]	2
HYDR0004-1	<i>Irrigation</i> - Dimitri XANTHOULIS	24	-	-	2
LANG0906-2	<i>English language, part 2</i> - Marie-Anne DUFFELER	16	32	-	4
VEGE0013-1	<i>European regulation and ecotoxicology</i> - Thierry NUYTEN	24	-	-	2
DROI0970-1	<i>Law of physical planning</i> - Mustafa BOLCA	24	-	-	2
DROI0969-1	<i>Forestry law</i> - Grégoire ORBAN DE XIVRY	24	-	-	2
ENVT2054-1	<i>Renewable energies</i> - Yves SCHENKEL - [4h FT]	20	-	[+]	2
ECON2246-1	<i>Economics of developing countries</i> - Baudouin MICHEL - [16h SEM]	8	-	[+]	2
ECON2254-1	<i>Tropicals markets</i> - 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
GRHO0019-1	(pas organisé en 2010-2011) <i>Communication</i> - [2h SEM]	22	-	[+]	2
GRHO0020-1	<i>Social relationships within the enterprise</i> - N... - Suppl : André TOUSSAINT	24	-	-	2
GERE0014-1	<i>Design of agro-industrial infrastructures and environmental incidences</i> - Joseph FLABA - [6h FT]	18	-	[+]	2