

Two-year master program

First Year

First semester
Period 1

Compulsory courses

GFEN1.11 Inventory and biodiversity management

BIOD0001-3 *Biodiversity management* - Arnaud MONTY - [6h SEM] Q1 18 - [+] 2

BIOD0007-1 *Analysis methods of the biodiversity : community and populations* - Adeline FAYOLLE, Grégory MAHY Q1 26 22 - 3

GFEN1.12 Quantification of the natural resources

FORE0004-3 *Forest mensuration and forest inventory* - Yves BROSTAUX, Adeline FAYOLLE, Philippe LEJEUNE - [4h AUTR] Q1 20 24 [+] 4

PAYS0007-2 *Introduction to landscape analysis and modeling* - Jan BOGAERT Q1 12 12 - 2

Period 2

Compulsory courses

GFEN1.21 Management and enhancement of the environment

ENVT3050-1 *Quantification of ecosystem services* - Marc DUFRÈNE Q1 - - - 2

ECON2248-1 *Environmental economy* - Kevin MARÉCHAL Q1 24 - - 2

ENVT2049-2 *Introduction to environmental assessment* - Angélique LÉONARD Q1 12 - - 2

GFEN1.22 Geomatics applied to environmental management

ENVT0045-1 *Geomatics and applied remote sensing* - Philippe LEJEUNE Q1 28 44 - 5

GFEN1.23 Wood

FORE0010-1 *Wood science* - Jacques HEBERT - [2h SEM, 2h FT] Q1 24 20 [+] 4

FORE0036-1 *Timber anatomy and identification* - Benoît JOUREZ Q1 12 12 - 2

Second semester

Period 3

Compulsory courses

GFEN1.31 Economics and environmental law

DROI0969-1 *Forestry law and environmental law* - Etienne ORBAN DE XIVRY 24 - - 2

ECON2255-4 *Forest and natural resources economics* - Jacques HEBERT Q2 12 12 - 2

FORE0012-1 *Forest products supply chain* - Jacques HEBERT - [4h SEM] Q2 12 8 [+] 2

GFEN1.32 Basic Forest Management Principles

FORE0009-1 *Sustainable management of tropical forests* - JeanLouis DOUCET Q2 36 - - 3

FORE0005-3 *Multifunctional management of forests* - Philippe LEJEUNE - [8h SEM] Q2 8 20 [+] 3

Period 4

Compulsory courses

GFEN1.41 Work placement

MANA0004-1 *Portfolio (Master 1)* - Philippe LEPOIVRE TA - - - 2

RSTG0004-1 *Internship and professional relations* - Hugues CLAESSENS, Philippe LEPOIVRE Q2 - - - 3

Period 5

Compulsory courses

GFEN1.51 Forestry

FORE0008-2 *Site analysis and valuation* - Hugues CLAESSENS Q2 14 22 - 3

FORE0025-1 *Sylvicultural expertise* - Hugues CLAESSENS - [18h AUTR] Q2 14 4 [+] 2

GFEN1.52 Management of natural environments and landscapes

FORE0018-3 *Management of large fauna in temperate climate* - Alain LICOPPE Q2 16 8 - 2

PAYS0001-2 *Ecological networks* - Marc DUFRÈNE, Grégory MAHY Q2 - 24 - 2

FORE0003-2 *Participatory management of natural environments* - Cédric VERMEULEN - [6h AUTR] Q2 8 10 [+] 2

All year round

Period 6

Compulsory course

GFEN1.61 English

LANG2959-1	<i>Practice of specialized English for forests and natural areas : part 1</i> - Hugues CLAESSENS, Sophie DEPOTERRE, Adeline FAYOLLE, Philippe LEJEUNE, Grégory MAHY, Estelle MAYARD - [48h AUTR]	TA	-	-	[+]	4
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Second year

First semester

Optional courses

Choose one option from the following :

"Management of forests and natural areas" courses programme (in GxABT)

GFEN2.10 Group Project

FORE0028-1	<i>Group project</i> - COLLÉGIALITÉ - [72h AUTR]	-	-	[+]	6
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Period 1

Choose two modules from :

GFEN2.11 Landscape, ecosystem, biodiversity

PAYS0008-2	<i>Landscape analysis and modelling techniques</i> - Jan BOGAERT	Q1	12	12	-	2
PAYS0009-1	<i>Ecological restoration</i> - Grégory MAHY - [12h AUTR]	Q1	24	-	[+]	4

GFEN2.12 Forest Health

FORE0029-1	<i>Forest management in health crisis</i> - Laurence DELAHAYE		12	12	-	2
FORE0030-1	<i>Forest phytopathology</i> - Haissam JIJAKLI - [3h AUTR]	Q1	18	3	[+]	2
FORE0031-1	<i>Forest entomology</i> - Frédéric FRANCIS - [6h AUTR]	Q1	15	3	[+]	2

GFEN2.13 Integrated management of wildlife

RAVT0003-1	<i>Management of large fauna in tropical areas</i> - Cédric VERMEULEN	Q1	12	12	-	2
RAVT0001-1	<i>Wildlife population inventory and modelling techniques</i> - Philippe LEJEUNE	Q1	12	12	-	2
RAVT0002-1	<i>Eco-ethology and wildlife conservation</i> - MarieClaude HUYNEN, Pascal PONCIN - [12h AUTR]	Q1	12	-	[+]	2

GFEN2.14 Applied forestry

FORE0032-1	<i>Forestry itineraries</i> - Hugues CLAESSENS, Marc DUFRÈNE - [12h AUTR]	Q1	24	12	[+]	4
FORE0033-1	<i>Forest genetic resources management</i> - Ludivine LASSOIS - [6h AUTR]	Q1	18	-	[+]	2

Period 2

Choose two modules from :

GFEN2.21 Wood development

FORE0015-2	<i>Forest harvesting</i> - Philippe LEJEUNE	Q1	14	-	-	2
FORE0011-2	<i>Wood industry</i> - Jacques HEBERT - [14h Internship]	Q1	10	-	[+]	2
FORE0016-3	<i>Wood-based products</i> - Benoît JOUREZ - [14h FT]	Q1	10	-	[+]	2

GFEN2.22 Aquatic environments management

GESA0001-2	<i>Chemical and physico-chemical analysis of waters</i> - JeanPaul BARTHELEMY	Q1	8	16	-	2
FORE0017-1	<i>Fish care management in watercourses</i> - Frédéric FRANCIS - [4h AUTR]	Q1	20	-	[+]	2
VEGE0021-1	<i>Limnology</i> - Frédéric FRANCIS - [4h SEM]	Q1	10	10	[+]	2

GFEN2.23 Tropical Forestry

FORE0034-1	<i>Tropical forest update</i> - JeanLouis DOUCET, Adeline FAYOLLE	Q1	24	-	-	2
FORE0014-1	<i>Tropical agroforestry</i> - JeanLouis DOUCET	Q1	24	-	-	2
FORE0035-1	<i>Applied tropical botany</i> - JeanLouis DOUCET - [6h AUTR]	Q1	14	4	[+]	2

GFEN2.24 Environmental impact and territory planning

GEAT0003-1	<i>Introduction to land planning</i> - Philippe HANOCQ	Q1	24	-	-	2
ENVT2052-1	<i>Environmental impact : concepts and methodology</i> - Catherine DUBOIS - [6h SEM]	Q1	18	-	[+]	2
ENVT3051-1	<i>Environmental impact : applications</i> - Gilles COLINET, Philippe LEJEUNE, Grégory MAHY	Q1	-	-	-	2

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	-	-	3

Second semester

Compulsory courses

Period 3

GFEN2.31 Final work

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

GFEN2.61 English

LANG2960-1	<i>Practice of specialized English for forests and natural areas : part 2</i> - Sophie DEPOTERRE, Estelle MAYARD - [36h AUTR]	TA	-	12	[+]	4
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