

# Study programmes 2021-2022

## Gembloux Agro-Bio Tech

### Master in agroecology (120 ECTS)

#### Block view of the study programme

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#### Block 1

Joint Master with ULiège (Gembloux Agro-Bio Tech - Faculty of Science) and ULB

#### Compulsory courses

##### Science and Society module (ULiège - Arlon)

ENVT3026-1	<i>Social study of science and technology</i> - François MELARD - [24h SEM]	Q1	12	-	[+]	4
ENVT3062-1	<i>Agroecological controversies</i> - Pierre M. STASSART, Marjolein VISSER - [18h SEM]	TA	18	-	[+]	3
ENVT3127-1	<i>Biodiversity and societies</i> - Dorothée DENAYER - [12h Cl. inv., 12h Mon. WS]	Q1	24	-	[+]	4

##### Governance and transition module (ULiège - Arlon)

ENVT3029-1	<i>Public policy and action</i> - Sébastien BRUNET, Patrick STEYAERT	Q1	24	-	-	4
ENVT0040-2	<i>Transitions theory and management ecological transitions</i> - N..., Pierre M. STASSART - [15h SEM]	Q1	30	30	[+]	4

##### Methodology module (ULiège - Arlon)

ENVT3064-1	<i>Civic participation</i> - Dorothée DENAYER, Pierre M. STASSART	Q1	24	-	-	4
ENVT3030-1	<i>Qualitative investigation techniques</i> - Nathalie SEMAL - [30h SEM] Notice : teacher: Nathalie Semal (ULiège - Arlon)	Q1	12	-	[+]	4

#### Optional courses

##### Single focus

##### Professional Focus

##### Introduction to Agriculture and Agro-ecology module (ULiège - GxABT and ULB)

HULG9285-1	<i>Agrarian systems and agroecosystems</i> - Marjolein VISSER Notice : teacher: Marjolein Visser (ULB)	Q2	-	-	-	5
VEGE0036-1	<i>Tropical and temperate agroecology</i> - <i>Introduction</i> - Barbara HAUREZ, Ludivine LASSOIS - [20h FT] - <i>Depth notions</i> - Barbara HAUREZ, Ludivine LASSOIS Notice : teacher: Barbara Haurez (ULiège - GxABT)	Q2	-	-	[+]	6
AGRO0002-1	<i>Fertilization and crop nutrition</i> - Caroline DE CLERCK, Patrick DU JARDIN, Benjamin DUMONT - [2h AUTR] Notice : teachers: Benjamin Dumont, Patrick Du Jardin, Caroline De Clerck (ULiège - GxABT)	Q2	18	4	[+]	2

##### Techniques in Agriculture and Agro-ecology module (ULiège - GxABT and ULB)

ENVT3061-2	<i>Agrobiodiversity, ecosystemic and landscape services</i> - <i>Introduction</i> - Marc DUFRÊNE, Kevin MARÉCHAL - [8h AUTR] - <i>In-depth study</i> - Marc DUFRÊNE, Kevin MARÉCHAL Notice : teachers: Marc Dufrêne, Kevin Maréchal (ULiège - GxABT)	Q2	16	-	[+]	3
ANIM0024-1	<i>Breeding system for agroecology</i> - Yves BECKERS, Jérôme BINDELLE, N... - [3h FT] Notice : teachers: Yves Beckers, Jérôme Bindelle (ULiège - GxABT)	Q2	9	6	[+]	2
AGRO0025-2	<i>Seminars on the territorial dimension in agroecology</i> - Kevin MARÉCHAL - [25h AUTR]	Q2	19	9	[+]	5

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HULG9287-1 *Food safety* - Laurence ROUDART Q2 - - - 5  
*Notice* : teacher: Laurence Roudart (ULB)

#### Placement

RSTG0010-1 *Internship (Discovering the professional / research world)* - Jérôme BINDELLE, Marc DUFRÈNE - [60h AUTR] Q2 - - [+] 5  
*Notice* : teachers: Marc Dufrêne (GxABT), Jérôme Bindelle (GxABT)

#### Block 2

#### Compulsory courses

##### Dissertation

RTFE2006-1 *Internship / Final thesis* - Jérôme BINDELLE, Kevin MARÉCHAL, Pierre M. STASSART, Nicolas VEREECKEN Q2 - - - 30

#### Optional courses

**Choose a program among the following :**

##### ULB-ULiège programme (without double degree)

AGRO0024-1 *Research project associated with the final work* - Jérôme BINDELLE, Marc DUFRÈNE, Pierre M. STASSART - [36h AUTR] Q1 - - [+] 4

HULG0492-1 *Research and development in agroecology* - Nicolas VEREECKEN, Marjolein VISSER Q1 - - - 5  
*Notice* : teachers: Nicolas Vereecken (ULB), Marjolein Visser (ULB)

ENVT3066-1 *Agroecological protection of agricultural production systems* - Jérôme BINDELLE, Fanny BOERAEVE, Caroline DE CLERCK, Nicolas VEREECKEN - [36h SEM] Q1 36 - [+] 6

HULG9335-1 *Agroecology* - Marjolein VISSER TA - - - 5  
*Notice* : teacher: Marjolein Visser (ULB)

##### Double degree with Paris Saclay and AgroParisTech

See programme:

[https://www.programmes.uliege.be/cocoon/20212022/programmes/R2UAEC02\\_C.html](https://www.programmes.uliege.be/cocoon/20212022/programmes/R2UAEC02_C.html)

*Notice* : Choose courses, depending on the subject of the final piece of work and in collaboration with the sponsor or co-sponsor, for a total of 10 credits, from the programmes of partner institutions (ULiège and ULB). The following list is a suggestion of potential courses. Given the range of possible courses, students should be aware of the risk of timetable clashes.

Suggestion of optional courses:

ECON0942-1 *Rural economics and farm business management* - Philippe BURNY, Thomas DOGOT, Philippe LEBAILLY - [8h FT] Q1 25 15 [+] 5

*Notice* : teachers: Philippe Burny, Thomas Dogot, Philippe Lebailly (ULiège - GxABT)

VEGE0042-1 *Applied strategies for integrated pest and weed management* - Frédéric FRANCIS, Eric HAUBRUGE, Haissam JIJAKLI, Ludivine LASSOIS, Sébastien MASSART, Jeroen MEERSMANS, François VERHEGGEN Q1 29 28 - 6

*Notice* : teachers: Frédéric Francis, Eric Haubruge, Haissam Jijakli, Sébastien Massart, Jeroen Meersmans, François Verheggen (ULiège - GxABT)

BIOL2018-1 *Animal nutrition* - Yves BECKERS Q2 24 - - 2

*Notice* : teacher: Nadia Everaert (ULiège - GxABT)

ANIM0018-1 *Bromatology and the cultivation of animal fodder* - Yves BECKERS, Q2 37 13 [+] 6

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Jérôme BINDELLE - [7h FT]

Notice : teachers: Yves Beckers, Jérôme Bindelle (ULiège - GxABT)

FORE0009-1	<i>Sustainable management of tropical forests</i> - JeanLouis DOUCET	Q2	36	-	-	3
	Notice : teacher: Jean-Louis Doucet (ULiège - GxABT)					
HULG0491-1	<i>Agroecological innovation and food production</i> - Nicolas VEREECKEN	Q1	-	-	-	5
	Notice : teacher: Nicolas Vereecken (ULB)					
HULG0493-1	<i>Agricultural economy and rural development</i> - Werner BOSMANS, Marjolein VISSER	Q1	-	-	-	5
	Notice : teachers: Werner Bosmans, Marjolein Visser (ULB)					
HULG9337-1	<i>Socio-economic structures of the rural world of developing countries</i> - Laurence ROUDART	Q2	-	-	-	5
	Notice : teacher: Laurence Roudart (ULB)					
HULG0494-1	<i>Agricultures, Ruralities and Globalization (english language)</i> - Laurence ROUDART	Q1	-	-	-	5
	Notice : teacher: Laurence Roudart (ULB)					
ENVT3067-1	<i>Supporting the transition to agroecology</i> - N... - [30h AUTR]	Q1	15	-	[+]	5

#### Bloc d'aménagement du programme de l'année

### Additional ECTS (45-60 max) Master in agroecology (120 ECTS)

#### Compulsory courses

SOCI2233-2	<i>Sociology</i> - <i>Sociology</i> - JeanFrançois BACHELET, Julie GÉRARD - <i>Sociology: in-depth study</i> - JeanFrançois BACHELET - [24h AUTR]	Q1	24	-	-	4
	Notice : teacher: Jean-François Bachelet (ULiège - GxABT)				[+]	
GEST3028-2	<i>Accounting and management</i> - <i>General accounting</i> - Thomas DOGOT, Philippe LEBAILLY - <i>Management, green accounting and business plan</i> - Thomas DOGOT, Philippe LEBAILLY	Q1	12	12	-	4
	Notice : teachers: Thomas Dogot, Philippe Lebailly (ULiège - GxABT)		10	14	-	
INFO2037-1	<i>Introduction to computer science</i> - Hélène SOYEURT	Q1	6	18	-	2
ENVT2044-1	<i>General ecology</i> - Grégory MAHY, Arnaud MONTY - Suppl : Arnaud MONTY	Q1	24	-	-	2
	Notice : teachers: Grégory Mahy, Arnaud Monty (ULiège - GxABT)					
ENVT0065-1	<i>Agrometeorology</i> - Bernard TYCHON	Q1	18	6	-	3
	Notice : teacher: Bernard Tychon (ULiège - Arlon)					
AGRO0001-1	<i>Foundation of agriculture</i> - Benjamin DUMONT , Barbara HAUREZ - [4h FT]	Q2	20	-	[+]	2
	Notice : teachers: Benjamin Dumont, Barbara Haurez (ULiege - GxABT)					
GBLX2131-2	<i>Biosphere, agriculture and society</i> - Benjamin DUMONT , Grégory MAHY - [2h SEM]	Q2	42	-	[+]	4
	Notice : teachers: Grégory Mahy, Benjamin Dumont (ULiège - GxABT)					

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ECON2244-1	<i>Political and social economy</i> - Philippe LEBAILLY <i>Notice</i> : teacher: Philippe Lebailly (ULiège - GxABT)	Q2	40	20	-	<b>5</b>
MANA0007-1	<i>Portfolio of introduction to life sciences</i> - Jérôme BINDELLE, Rudy CAPARROS MEGIDO, Marc DUFRÉNE - [60h AUTR] <i>Notice</i> : teachers: Jérôme Bindelle, Marc Dufrêne (ULiège - GxABT)	Q2	-	-	[+]	<b>5</b>
LANG2950-1	<i>English language: level 1</i> - Estelle MAYARD - [48h E-Lrng] <i>Notice</i> : teacher: Estelle Mayard (ULiège - GxABT)	TA	-	24	[+]	<b>4</b>
LANG2962-1	<i>English language: level 2</i> - Sophie DEPOTERRE, Annabel FOREST - Suppl : Ivan DOSEN - [48h E-Lrng] <i>Notice</i> : teacher: Ivan Dosen (ULiège - GxABT)	TA	-	24	[+]	<b>4</b>
LANG2966-2	<i>English language: level 3</i> - Sophie DEPOTERRE, Estelle MAYARD, Fiona THEWISSEN - Suppl : Ivan DOSEN - [48h E-Lrng] <i>Notice</i> : teachers: Sophie Depoterre, Estelle Mayard, Fiona Thewissen, supply teacher: Ivan Dosen (ULiège - GxABT)	TA	-	24	[+]	<b>4</b>

[...] List of courses proposed by the admission jury