

# Study programmes 2023-2024

## Gembloux Agro-Bio Tech

### Master in agroecology (120 ECTS)

#### Cycle view of the study programme

B1 Or Th Pr Au Cr

Joint Master with ULiège (Gembloux Agro-Bio Tech - Faculty of Science) and ULB + double degree agreement with the University of Paris Saclay and AgroParisTech

#### Compulsory courses (B1 : 30Cr, B2 : 30Cr)

##### Agroecology, science and society (ULiège - Arlon) module

ENVT3026-1	<i>Social study of science and technology</i> - François MELARD - [24h SEM]	B1	Q1	12	-	[+]	4
ENVT3062-1	(pas organisé en 2023-2024) <i>Agroecological controversies</i> - N..., Pierre M. STASSART - [18h SEM]	B1	Q1	18	-	[+]	3
ENVT3130-1	<i>Introduction to agroecology</i> - Pierre M. STASSART	B1	Q1	15	15	-	3
ENVT3127-1	<i>Biodiversity and societies</i> - Dorothée DENAYER - [12h Mon. WS]	B1	Q1	30	-	[+]	4

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

ENVT3029-1	<i>Public policy and action</i> - Sébastien BRUNET, Patrick STEYAERT	B1	Q1	24	-	-	4
ENVT0040-2	<i>Transitions theory and management ecological transitions</i> - N..., Pierre M. STASSART - [15h SEM]	B1	Q1	30	30	[+]	5

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

ENVT3131-1	<i>Collective intelligence tool</i> - Pierre M. STASSART	B1	Q1	-	20	-	2
ENVT3028-1	<i>Civic participation</i> - Dorothée DENAYER, Stéphanie KLAEDTKE, Pierre M. STASSART	B1	Q1	36	-	-	4
ENVT3030-1	<i>Qualitative investigation techniques</i> - Nathalie SEMAL - [30h SEM] <i>Notice</i> : teacher: Nathalie Semal (ULiège - Arlon)	B1	Q1	12	-	[+]	4

##### Dissertation

RTFE2006-1	<i>Internship / Final thesis</i> - Jérôme BINDELLE, Kevin MARÉCHAL, Pierre M. STASSART, Nicolas VEREECKEN	B2	Q2	-	-	-	30
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#### Optional courses (B1 : 30Cr, B2 : 30Cr)

##### Single focus (B1 : 30Cr)

##### Professional Focus (B1 : 30Cr)

##### Introduction to agriculture (ULiège - GxABT and ULB) module

HULG9285-1	<i>Agrarian systems and agroecosystems</i> - Marjolein VISSER - Suppl : Amaury BEAUGENDRE <i>Notice</i> : teacher: Marjolein Visser (ULB) - substitute teacher: Amaury Beaugendre	B1	Q2	-	-	-	5
VEGE0036-3	<i>Tropical agroecology</i> - <i>Introduction</i> - Ludivine LASSOIS - Suppl : N... - [20h FT] - <i>Depth notions: part 1</i> - Ludivine LASSOIS - Suppl : Nicolas DESOIGNIES, N...	B1	Q2	-	-	[+]	4
AGRO0002-1	<i>Fertilization and crop nutrition</i> - Caroline DE CLERCK, Patrick DU JARDIN, Benjamin DUMONT - [2h AUTR] <i>Notice</i> : teachers: Benjamin Dumont, Patrick Du Jardin, Caroline De Clerck (ULiège - GxABT)	B1	Q2	18	4	[+]	2

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

ENVT3061-1	<i>Agrobiodiversity, ecosystemic and landscape services, Introduction</i> - Marc DUFRÈNE, Kevin MARÉCHAL - [8h AUTR] <i>Notice</i> : teachers: Marc Dufrêne, Kevin Maréchal (ULiège - GxABT)	B1	Q2	16	-	[+]	2
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ANIM0024-1	<i>Breeding system for agroecology</i> - Yves BECKERS, Jérôme BINDELLE - [3h FT]	B1	Q2	9	6	[+]	2
	<i>Notice</i> : teachers: Yves Beckers, Jérôme Bindelle (ULiège - GxABT)						
AGRO0025-2	<i>Seminars on the territorial dimension in agroecology</i> - Kevin MARÉCHAL - [25h AUTR]	B1	Q2	19	9	[+]	5
	<b>Corequisite :</b> ENVT3026-1 - Etudes sociales des sciences et des techniques ENVT3130-1 - Introduction à l'agroécologie ENVT3127-1 - Biodiversité et sociétés ENVT3029-1 - Politiques et actions publiques ENVT0040-2 - Théories et gestions des transitions écologiques ENVT3131-1 - Introduction aux outils d'intelligence collective ENVT3028-1 - Participations citoyennes ENVT3030-1 - Techniques d'investigation qualitative						
HULG9287-1	<i>Food safety</i> - Laurence ROUDART	B1	Q2	-	-	-	5
	<i>Notice</i> : teacher: Laurence Roudart (ULB)						
<b>Placement</b>							
RSTG0010-1	<i>Internship (Discovering the professional / research world)</i> - Jérôme BINDELLE, Marc DUFRÈNE - [60h AUTR]	B1	Q2	-	-	[+]	5
	<i>Notice</i> : teachers: Marc Dufrêne (GxABT), Jérôme Bindelle (GxABT)						

**Choose a program among the following : (B2 : 20Cr)**

#### ULB-Liège programme (without double degree) (B2 : 20Cr)

AGRO0024-1	<i>Research project associated with the final work</i> - Jérôme BINDELLE, Marc DUFRÈNE, Pierre M. STASSART - [36h AUTR]	B2	Q1	-	-	[+]	4
HULG0492-1	<i>Research and development in agroecology</i> - Grégory MAHY, Nicolas VERECKEN, Marjolein VISSER	B2	Q1	-	-	-	5
	<i>Notice</i> : teachers: Nicolas Vereecken (ULB), Marjolein Visser (ULB), Grégory Mahy (GxABT)						
ENVT3066-1	<i>Agroecological protection of agricultural production systems</i> - Jérôme BINDELLE, Fanny BOERAËVE, Caroline DE CLERCK, Nicolas VERECKEN - [36h SEM]	B2	Q1	36	-	[+]	6
HULG9788-1	<i>Agroecology and crop/soil microbiology</i>	B2	Q1	-	-	-	5

#### Joint-degree with Paris Saclay and AgroParisTech (B2 : 20Cr)

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:  
(B2 : 10Cr)

ECON0942-1	<i>Rural economics and farm business management</i> - Philippe BURNY, Thomas DOGOT - [8h FT]	B2	Q1	25	15	[+]	5
	<i>Notice</i> : teachers: Philippe Burny, Thomas Dogot (ULiège - GxABT)						
VEGE0042-1	<i>Integrated and agroecological protection of crops</i> - Frédéric FRANCIS, Eric HAUBRUGE, Haissam JIJAKLI, Ludivine LASSOIS, Sébastien MASSART, Jeroen MEERSMANS, François VERHEGGEN - Suppl : François HENRIET	B2	Q1	29	28	-	6
	<i>Notice</i> : teachers: Frédéric Francis, Eric Haubruge, Haissam Jijakli, Sébastien Massart, Jeroen						

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	Meersmans, François Verheggen (ULiège - GxABT)						
BIOL2018-1	<i>Animal nutrition</i> - Yves BECKERS	B2	Q2	24	-	-	<b>2</b>
	<i>Notice</i> : teacher: Yves Beckers (ULiège - GxABT)						
ANIM0018-1	<i>Bromatology and grazing management</i> - Yves BECKERS, Jérôme BINDELLE - [7h FT]	B2	Q2	37	13	[+]	<b>6</b>
	<i>Notice</i> : teachers: Yves Beckers, Jérôme Bindelle (ULiège - GxABT)						
FORE0009-1	<i>Sustainable management of tropical forests</i> - JeanLouis DOUCET	B2	Q2	36	-	-	<b>3</b>
	<i>Notice</i> : teacher: Jean-Louis Doucet (ULiège - GxABT)						
HULG0491-1	<i>Agroecological innovation and food production</i> - Nicolas VERECKEN	B2	Q1	-	-	-	<b>5</b>
	<i>Notice</i> : teacher: Nicolas Vereecken (ULB)						
HULG0494-1	<i>Agricultures, Ruralities and Globalization</i> (english language) - Laurence ROUDART	B2	Q1	-	36	-	<b>5</b>
	<i>Notice</i> : teachers: Laurence Roudart (ULB), Werner Bosmans						
ENVT3067-1	<i>Supporting the transition to agroecology</i> - N... - [30h AUTR]	B2	Q1	15	-	[+]	<b>5</b>

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

#### Compulsory courses (B0 : 60Cr)

ENVT2044-1	<i>General ecology</i> - Grégory MAHY, Arnaud MONTY	B0	Q1	24	-	-	<b>2</b>
	<i>Notice</i> : teachers: Grégory Mahy, Arnaud Monty (ULiège - GxABT)						
ENVT0065-1	<i>Agrometeorology</i> - Bernard TYCHON	B0	Q1	18	6	-	<b>3</b>
	<i>Notice</i> : teacher: Bernard Tychon (ULiège - Arlon)						
AGRO0001-1	<i>Basic principles of agriculture and agroecology</i> - Pierre DELAPLACE, Benjamin DUMONT - [4h FT]	B0	Q2	20	-	[+]	<b>2</b>
	<i>Notice</i> : teachers: Benjamin Dumont, Pierre Delaplace (ULiège - GxABT)						
GBLX2131-2	<i>Biosphere, agriculture and society</i> - Benjamin DUMONT , Grégory MAHY - [2h SEM]	B0	Q2	42	-	[+]	<b>4</b>
	<i>Notice</i> : teachers: Grégory Mahy, Benjamin Dumont (ULiège - GxABT)						
ECON2244-2	<i>Political and social economy</i> - <i>Introduction</i> - Thomas DOGOT, Kevin MARÉCHAL - <i>Depth notions</i> - Kevin MARÉCHAL	B0	Q2	32	16	-	<b>5</b>
				8	4	-	
	<i>Notice</i> : teacher: Philippe Lebailly (ULiège - GxABT)						
MANA0007-1	<i>Introduction to life sciences</i> - Jérôme BINDELLE, Rudy CAPARROS MEGIDO, Marc DUFRÈNE - [60h AUTR]	B0	Q2	-	-	[+]	<b>5</b>
	<i>Notice</i> : teachers: Jérôme Bindelle, Marc Dufrêne, Rudy Caparros Megido (ULiège - GxABT)						
DOCU0449-4	<i>Scientific literature and information literacy</i> - Bernard POCHET - [14h AUTR]	B0	Q2	4	6	[+]	<b>2</b>
GEP0009-1	<i>Ground science</i> - JeanThomas CORNELIS - Suppl : Marie DINCHER - [6h AUTR]	B0	Q2	44	8	[+]	<b>5</b>
ENVT0062-1	<i>Introduction to chemistry and environmental biology</i> - Armélinda AGNELLO, Célia JOAQUIMJUSTO, AnneClaude ROMAIN	B0	Q1	16	16	-	<b>4</b>

HULG9791-1	<i>Epistemology of science and ethical engineering, Epistemology of science and techniques</i> - Céline KERMISCH	B0	Q2	-	-	-	3
LANG2950-1	<i>English language: level 1</i> - Estelle MAYARD - [48h E-Lrng] <i>Notice</i> : teacher: Estelle Mayard (ULiège - GxABT)	B0	TA	-	24	[+]	4
LANG2962-1	<i>English language: level 2</i> - Sophie DEPOTERRE, Annabel FOREST - Suppl : Ivan DOSEN - [48h E-Lrng] <i>Notice</i> : teacher: Sophie Depoterre (ULiège - GxABT)	B0	TA	-	24	[+]	4
LANG2966-2	<i>English language: level 3</i> - Sophie DEPOTERRE, Estelle MAYARD, Fiona THEWISSEN - Suppl : Fiona THEWISSEN - [48h E-Lrng] <i>Notice</i> : teachers: Sophie Depoterre, Estelle Mayard, Fiona Thewissen (ULiège - GxABT)	B0	TA	-	24	[+]	4

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