

# Master in Agroecology

## Focus Professional

The programme is organised into four main teaching modules, worth 23 to 33 credits:

MODULE 1 – 1st term: covers the social sciences involved in the agroecological transition (classes given on ULg's campus in Arlon).

MODULE 2 – 2nd term: covers agroecological production systems and techniques, and ecosystem services (classes given on ULg's campus in Gembloux, and at ULB).

MODULE 3 – 3rd term: covers agro-ecosystem regulation and modelling at the scale of a single plot of land and at the scale of a region (classes given at AgroParisTech).

Module 3 can be substituted for a series of courses at ULB and ULg that will delve more into economic, policy and food challenges, while also tackling livestock and crop production techniques that are specific to agroecology.



MODULE 4 – 4th term: final project.

## Bloc 1 | M-AGEC | MA-AGEC

### Cours ULB



Ci-dessous, vous trouverez les unités d'enseignement organisées à l'ULB. Pour avoir accès au programme complet, veuillez consulter le site suivant : [https://www.programmes.uliege.be/cocoon/20202021/programmes/R2UAEC01\\_C.html](https://www.programmes.uliege.be/cocoon/20202021/programmes/R2UAEC01_C.html)

Les cours BING-F202, SOCA-D482, BING-F305, BING-F430 sont obligatoires. Les cours BING-F431, BING-F4001, SOCA-D550, SOCA-D471, BING-F416, ENVI-F454, BING-F4006 sont proposés à titre optionnel.


BING-F202 [Agro-écosystèmes et systèmes agraires](#) | Marjolein VISSER (Coordinator) and Amaury Beaugendre  
 5 credits [lecture: 36h]  second term  French



BING-F305 [Agro-écologie](#) | Marjolein VISSER (Coordinator)  
 5 credits [lecture: 30h, field trips: 12h]  first term  French

BING-F4001 [Economie agricole](#) | Werner BOSMANS (Coordinator)  
 5 credits [lecture: 18h, tutorial classes: 12h]  second term  French

BING-F4006 [Génétique des populations et amélioration des plantes](#) | Olivier HARDY (Coordinator), Christian HERMANS and Marjolein VISSER  
 5 credits [lecture: 48h, tutorial classes: 6h]  second term  French



BING-F416 [Stage d'immersion agricole](#) | Marjolein VISSER (Coordinator), François SERNEELS and Cécile Thonar  
 5 credits [field trips: 60h]  first and second terms  French

BING-F430 [Agroécologie et écologie de la conservation](#) | Nicolas VERECKEN (Coordinator) and Grégory MAHY  
 5 credits [lecture: 36h, tutorial classes: 12h, project: 20h]  first term  French

BING-F431 [Innovations agroécologiques et production alimentaire](#) | Nicolas VERECKEN (Coordinator)  
 5 credits [lecture: 36h, practical work: 12h, project: 20h]  first term  French

ENVI-F454 [Energie: Société et environnement](#) | Michel HUART (Coordinator) and Nadine MATTIELLI  
 5 credits [lecture: 30h, practical work: 12h, project: 24h]  first term  French

SOCA-D471 [Agricultures, ruralités et mondialisation](#) | Laurence ROUDART (Coordinator) and Werner BOSMANS  
 5 credits [lecture: 24h]  first term  French

SOCA-D482 [Sécurité alimentaire mondiale](#) | Laurence ROUDART (Coordinator)  
 5 credits [lecture: 24h]  second term  French

SOCA-D550 [Structures économiques et sociales des mondes ruraux](#) | Laurence ROUDART (Coordinator)  
 5 credits [lecture: 24h]  second term  French