

**Faculty of Biosciences**



**Master in  
Sustainable Food  
Systems/Bærekraftige  
matsystemer  
(M-MATSYS)**

**Admission 2024**

## Master in Sustainable Food Systems (M-MATSYS)

A master's degree is awarded on 120 credits. Equivalent of two years full study. To obtain a master's degree in Sustainable Food Systems, the following is required:

- Minimum 30 credits courses at 300-level
- Compulsory courses at 300-level
- Optional courses at 200 or 300 level
- A compulsory master thesis of 30 credits (recommend that two students write thesis together)

### Compulsory courses:

Code	Name	ECTS	Period
SDG320	The complexity of food systems	30	Aug + Autumn
SDG300	Sustainable Development Goals in Plant and Animal Food Systems	5	January
	Choose one methodology course	5 or 10	Spring/autumn
M30-MATSYS	Master thesis	30	Spring 2.year

### Choose one course within methodology

- Choose one of this courses
  - **PAE306 Action oriented research (10 credits/Spring + June)**
  - MINA310 Methods in Natural Sciences (5 credits/spring)
  - MTH300 E-learning Course: Planning and Scientific Writing of a Master's Thesis in Natural Sciences (5 credits/autumn)
  - HET300 Scientific Methods in Ethology (10 credits/autumn)\*

\*Recommend only if you choose courses in animal welfare

### Recommended elective courses

#### 1. Year - Spring

- AOS236 Sustainability Leadership (10 credits/Spring)
- EDS352 Agroecology and Development (10 credits/Spring)
- PAE301 Agroecology: Working with the Complexity of Farming Systems (7,5 credits/Jan + Spring)
- THT291 Processes for Waste Resource Recovery in a Circular Bioeconomy (5 credits/Spring)
- MINA321 Interdisciplinarity and Expert Disagreement on Sustainability - English Option (5 credit/January)
- MUA310 Urban Pollutants and Chemical Food Safety (5 credits/June)
- MVI230 Matvaretrygghet og -hygiene (5 credits/Spring)
- MVI303 Alternative proteins: An interdisciplinary introduction (5 credits/Spring)
- ECN263 Food Industry Economics (5 credits/June) – Norwegian
- FORNY220 Livsløpsvurdering - miljøeffekter av energi- og avfallssystemer (10 credits/Spring) - Norwegian
- SDG200 Bærekraftige matproduksjonssystemer (5 credit/Spring) - Norwegian

- SDG301 Klimakalkulatorer for plante- og husdyrproduksjoner (5 credits/June) - Norwegian

## 2. Year - autumn

- EDS285 Global Food Systems and Food Security (10 credits/autumn)
- EDS355 Climate Change and Society (10 credits/autumn)
- JORD330 Soil Health and Sustainable Soil Management (10 credits/autumn)
- MVI275 Matplanter (10 credits/autumn)
- SDG201 Klimagasser fra plante- og husdyrproduksjoner (5 credits/Autumn) - Norwegian

Always check the course catalogue for the latest updates: <http://www.nmbu.no/courses>

Students can select elective courses at NMBU at 200- and 300-level. Remember to check that you have the recommended prerequisites for the courses that you want. In the spring of the 1st year or in the autumn of the 2nd year, it is possible to do an internship, or go on an exchange to foreign universities.

Study plan example

År	Semester	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS
2	June						
	Spring	Masteroppgave					
	January						
	Autumn						
	August						
1	June						
	Spring		PAE306	PAE306			
	January	SDG300					
	Autumn	SDG320					
	August	SDG320					

## Setting up the study plan

Do you need help building up your master's degree? Our study advisors can be contacted at [studieveileder-biovit@nmbu.no](mailto:studieveileder-biovit@nmbu.no) and are ready to help you build a study plan according to your interests, needs, and plans for further studies or working life.