



**Faculty of Biosciences**

**Master  
in  
Agroecology  
(M-AE)**

**Admission 2021**

## Master in Agroecology

- Master degree is awarded on 120 credits (2 years full-time study)
- Minimum 30 credits at 300-level
- Courses at 200 level are accepted in the master
- Master's thesis of 30 (or 60) credits is compulsory

### Compulsory courses:

| Code   | Name   | University | Credits  | Periode* |
|--------|--|------------|----------|----------|
| M30-AE | Master's thesis (the thesis could also be 60 credits M60-AE) |            | 30 (60)  | 4        |
| PAE302 | Agroecology: Action learning in farming and food systems     | NMBU       | 30       | 1+2      |
| PAE304 | Master Thesis Seminar  | NMBU       | 5        | 4        |
| PAE305 | Research Methods   | NMBU       | 5        | 4        |
|        | Total  |            | 70 (100) |          |

\*Periode 1=August block, 2= Autumn parallel, 3= January block, 4=Spring parallel, 5= June block

### Study plan Master in Agroecology

| Year | Periode | 5                     | 10     | 15     | 20     | 25     | 30 | Sum |
|------|---------|-----------------------|--------|--------|--------|--------|----|-----|
| 2    | June    |                       |        |        |        |        |    |     |
|      | Spring  | M30 – Master's thesis |        |        |        |        |    | 30  |
|      | January |                       |        |        |        |        |    |     |
|      | Autumn* | *                     | *      | *      | *      | *      | *  | 30  |
|      | August  |                       |        |        |        |        |    |     |
| 1    | June    |                       |        |        |        |        |    |     |
|      | Spring  | PAE304                | PAE305 | *      | *      | *      | *  | 30  |
|      | January |                       |        |        |        |        |    |     |
|      | Autumn  | PAE302                | PAE302 | PAE302 | PAE302 | PAE302 |    | 25  |
|      | August  | PAE302                |        |        |        |        |    | 5   |
|      | Total   |                       |        |        |        |        |    | 120 |

\*Optional courses at NMBU or abroad.

**Some current courses at NMBU at 200 and 300 level:**

| Code    | Course  | Credits (ECTS) | Periode* | Prerequisites   |
|---------|---|----------------|----------|---|
| BIO340  | Bioethics   | 5              | 3        | General bio and gene biotech or compet in general biology |
| ECN260  | Agricultural Policy I   | 10             | 3        | Taught in Norwegian                                       |
| ECOL200 | General Ecology   | 10             | 4        | ECOL100, BOT100. ZOOL100                                  |
| ECOL310 | Global Change Ecology   | 10             | 2        | BOT100, BOT130, ZOOL100, ECOL200                          |
| ECOL350 | Restoration Ecology   | 5              | 2        | Ecology courses at intermediate level                     |
| EDS225  | Linking Ecological and Social Resilience                          | 10             | 2        |   |
| EDS230  | Global Development and Aid  | 10             | 2        |   |
| EDS245  | Human Rights and Development                                      | 10             | 4        |   |
| EDS272  | Development Challenges in Rural India                             | 10             | 3        | EDS101  |
| EDS285  | Global Food Systems and Food Security                             | 10             | 2        |   |
| EDS330  | Political Ecology   | 10             | 4        | BSc degree  |
| EDS352  | Agroecology and development                                       | 10             | 4        |   |
| EDS355  | Climate Change and Development                                    | 10             | 2        | BSc degree  |
| JORD210 | GIS and Dynamic Modelling in Soils                                | 10             | 4        | JORD200   |
| LAA370  | Landscape Ecology   | 15             | 4        |   |
| NATF320 | Ecology and Management of Natural Resources in the Tropics        | 10             | 4        | ECOL200   |
| PAE301  | Agroecology: Working with the Complexity of Farming Systems       | 7,5            | 3        |   |
| PJH212  | Forage and Seed Crops   | 10             | 2        | Plant physiology  |
| PJH251  | Bedding Plant Production of Flowers and Vegetables in Greenhouses | 5              | 4        | Plant physiology  |
| PJH370  | Advanced crop production for future plant products                | 10             | 2        | Plant physiology  |
| SDG300  | Sustainable development goals in plant and animal food systems    | 5              | 3        |   |

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Check the electronic version of the Course Catalogue: <http://www.nmbu.no/courses>