Faculty of Biosciences

Faculty of Landscape and Society

Faculty of Environmental Sciences and Natural Resources Management

Faculty of Chemistry, Biotechnology and Food Sciences

Faculty of Science and Technology

School of Economics and Business

Faculty of Veterinary Medicine

Master in Urban Agriculture

(M-UA)

Admission 2025

Master Urban Agriculture (M-UA)

Master in Urban Agriculture is a 2-year full-time study (120 credits).

Mandatory requirements

- Obligatory courses UASFS300, UASFS301and MUA301
- Minimum one course within economy (see page 3)
- Minimum one course within methodology (see page 3)
- Master's thesis of 30 or 60 credits is mandatory
- Minimum 30 credits at 300-level.
- Courses at 200 level are accepted in the master

Study plan Master in Urban Agriculture

<table>
<tr><th>Year</th><th>Periode</th><th>5 cr</th><th>10 cr</th><th>15 cr</th><th>20 cr</th><th>25 cr</th><th>30 cr</th></tr>
<tr><td rowspan="3">2</td><td>June block</td><td colspan="6" rowspan="3">Master thesis*</td></tr>
<tr><td>Spring parallel</td></tr>
<tr><td>January block</td></tr>
<tr><td></td><td>Autumn parallel</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td>August block</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td rowspan="5">1</td><td>June block</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Spring parallel</td><td colspan="2">MUA301</td><td></td><td></td><td></td><td></td></tr>
<tr><td>January block</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Autumn parallel</td><td colspan="2">UASFS301</td><td></td><td></td><td></td><td></td></tr>
<tr><td>August block</td><td>UASFS300</td><td></td><td></td><td></td><td></td><td></td></tr>
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* The student may choose a 60 credit master's thesis that covers the whole 2nd study year, which leaves 35 credits elective courses.

Mandatory courses

Course code	Course name	Credits	Period
UASFS300	Systems thinking and transdisciplinary collaboration	5	August block
UASFS301	Transdisciplinary collaboration and innovation in practice	10	Autumn parallell
MUA301	Urban Agriculture – Strategy and Action Plans – Transdisciplinary Collaboration Groups	10	Spring parallel
One of the following economic courses during the 1. year			
AOS236	Sustainability Leadership	10	Spring parallel
BUS311	Environmental Management and Sustainability Reporting	5	Spring parallel
One of the following methodology courses:			
PAE306	Agroecology: Action oriented research	10	Spring parallel
MINA310	Methods in Natural Sciences	5	Spring parallel
MTH300	E-learning Course: Planning and Scientific Writing of a Master's Thesis in Natural Sciences	5	Autumn parallel
One of following thesis:			
M30-UA	Master's Thesis	30	Spring (2. year)
M60-UA	Master's Thesis	60	Autum + Spring (2. year)

Some suggested elective courses at NMBU at 200- and 300-level:

Code	Course	Credits	Period	Prerequisites
BIN250	Quantitative Skills in Bioscience	5	Autumn parallel	STAT100, STIN100
BINT304	Internship Urban Agriculture	10	all	
BIO292	The Immune System, Food and Health	10	Autumn parallel	BIO100, KJB100, BIO130
BOT200	Plant Physiology	10	Autumn parallel	
BOT201	Physiology of Plant Production	5	Spring parallel	BOT130
ECN271	Cost Benefit Project Evaluation and Environmental Valuation	10	Spring parallel	ECN120
ECN275	Natural Resource and Environmental Economics - Theory	10	Spring parallel	ECN120
ECN372	Climate Economics	10	Autumn parallel	ECN110, ECN170
ECN375	Natural Resource and Environmental Economics - Theory and Applications	10	Spring parallel	ECN102, ECN170
ECN376	Natural Resource and Environmental Economics - Applications	5	Spring parallel	ECN275
ECOL200	General Ecology	10	Spring parallel	
ECOL350	Restoration Ecology	5	Spring parallel	Ecology courses at intermediate level
EDS225	Linking Ecological and Social Resilience	10	Autumn parallel	
EDS260	Global Environmental Changes	5	Autumn parallel	
EDS285	Global Food Systems and Food Security	10	Autumn parallel	
EDS352	Agroecology and Development	10	Spring parallel	
EDS355	Climate Change and Society	10	Autumn parallel	
FMI310	Environmental Pollutants and Ecotoxicology	10	Spring parallel	MILJØ200/FMI210
JORD200	Soils in Natural Environments - Field and Laboratory Course		August and Autum parallel	JORD100
JORD330	Soil Health and Sustainable Soil Management	10	Autumn parallel	JORD230
LAA201	Urban Agriculture in Practice	5	June until autumn	
LAA313	Physical Environments - Use and Experiences	10	Spring parallel	
LAA370	Landscape Ecology	15	Spring parallel	
MILJØ210	Biogeochemistry for Water Quality and Sewage Management		Autumn parallel	See course despriction

MINA321	Interdisciplinarity and Expert Disagreement on Sustainability	5	January block	See course despriction
MUA310	Urban Pollutants and Chemical Food Safety	5	June block	
NATF350	Human Wildlife Interactions	5	Spring parallel	
PAE301	Agroecology: Working with the Complexity of Farming Systems	7,5	January block + Spring parallel	
PAE302	Agroecology: Action Learning in Farming and Food Systems	30	August + Autumn	
PJH212	Forage and Seed Crops	10	Autumn parallel	
PJH250	Plant Production in Controlled Environment	10	Spring parallel	
PJH251	Bedding Plant Production of Flowers and Vegetables in Greenhouses	5	Spring parallel + June block	Plant physiology
PJH360	Term Paper in Plant Production	5	Autumn/Spring	
PJH341	Postharvest - Storage of fruit and vegetables	10	Autumn parallel	
PLV330	Biological Control -Interactions Between Insects, Plants and Natural Enemies	5	Spring parallel	
SDG300	Sustainable Development Goals in Plant and Animal Food Systems	5	January block	

Always check the course catalogue for the latest updates.