

Version 2026–2027
Updated 25.5.2026. (Changes in individual courses are possible. Please check the latest information in Sisu.)

AGRI degree structure and a two-years model study schedule for the students, who start in the autumn 2026 (in an even year)

AGRI-100 Advanced studies in Agrotechnology, 90 cr

AGRI-001 Personal Study Plan (PSP)
AGRI-002 Research Design and Analysis
AGRI-003A Scientific Writing
AGRI-003B MSc Seminars
AGRI-004 Literature
AGRI-005 Master's Thesis
VIKIM-001 Master's Maturity Test

<u>credits</u>	<u>period</u>
45 cr	
0 cr	1/I
5 cr	1/III-IV
4 cr	2/II-IV
1 cr	1-2/any periods
5 cr	2/any periods
30 cr	2/any periods
0 cr	2/IV

AGRI-101 Energy and Agriculture
AGRI-104 Measurement Technology
FOR-265 Terramechanics and trafficability prediction
AGRI-107 Research Methods in Agriculture
AGRI-109 Distributed AI in Agriculture
AGRI-132 Crop Production Technology, literature (2026-27, 2027-28)
or AGRI-108 Agricultural systems technology (2028-29, 2029-30)

30 cr		
5 cr	1 or 2/III	odd
5 cr	1/I	
5 cr	1 or 2/I	even
5 cr	1 or 2/III	odd
5 cr	2/III	
5 cr	1 or 2/any periods	
5 cr	1 /II-IV	

According to your PSP, choose 1 x 15 cr (**please see additional information below***).

AGRI-141 Environmental Technology in Agriculture I
AGRI-142 Environmental Technology in Agriculture II
AGRI-143 Environmental Technology in Agriculture III

15 cr		
5 cr	1 or 2/II	odd
5 cr	1 or 2/II	odd
5 cr	1 or 2/II	

AGRI-151 Agricultural Automation
AGRI-152 Design and Simulation of Agricultural Machines
AGRI-153 Agricultural Robotics

5 cr	1 or 2/I-II	even
5 cr	1 or 2/I-II	odd
5 cr	1 or 2/II-III	even

Optional modules from your own MSc programme or from other degree programmes. Please note that you don't have to take any **optional modules (0-30 cr)** for your Master's Degree, if you don't want, but instead, you can take **individual optional courses (0-30 cr)** to the Other studies section in order to get 120 credits for your Master's Degree.

VIKIM-200 Study Module Taken at Other University	15-30 cr
VIKIM-201 Studies Completed in a Foreign University	15-30 cr

x = can be completed at any time, no fixed periods and in some cases no fixed years
 () = can be completed either in the first or second year of MSc studies

* = Tentative, to be confirmed later

[illegible]

Optional methodological courses agreed in your PSP, career and other courses from your own MSc programme or from other degree programmes (please see additional information below**):

Other methodological courses according to PSP

VIIKM-005 Demanding participation in administrative bodies and student organisations

*Other optional courses from your own MSc programme or from other degree programmes (examples): (please see additional information below***)*

Courses from the MSc programme in Environmental Change and Global Sustainability (ECGS)

5 cr	1/III
3 cr	1/I-II or III-IV

5-10 cr	1 or 2/any periods
5-10 cr	1 or 2/any periods
1-5 cr	1 or 2/any periods
1-3 cr	1 or 2/any periods
5 cr	1/III-IV
5 cr	1/IV and 2/orientation week
2-5 cr	1 or 2/any periods

5 cr	1 or 2/any periods
2 cr	1 /any periods
5 cr	1 /III (or II in finnish)
5 cr	1 or 2/I
5 cr	1 or 2/III
5 cr	1 or 2/II
3 cr	1 or 2 / I-II or III-IV
3 cr	1/II
1-15 cr	1 or 2
2 cr	1 or 2/any periods
2 cr	1 or 2/any periods
2 cr	1 or 2/any periods
2 cr	1 or 2/any periods
3 cr	1 or 2
2 cr	1/I-II
2 cr	2/I

X
X
X
X
X
X
X
X
X
X
X

2. If you aim to complete your MSc thesis in agricultural engineering, please select the module **AGRI-150** Agricultural Engineering (15 cr). Please also discuss about the module selection with your supervising PSP teacher. You can include the second alternative agrotechnology module in optional modules (0-30 cr) as well.

***TKT21018 minimum prerequisite course for AGRI-109 (or equivalent knowledge required)

AGRI degree structure 2026–2030 and a 2-years model study schedule 2026–2027 and 2027–2028

Version 2026–2027

Updated 26.5.2026. (Changes in individual courses are possible. Please check the latest information in Sisu.)

MSc Programme in Agricultural Sciences (AGRI), 120 cr

AGRI degree structure and a two-years model study schedule for the students, who start in the autumn 2026 (in an even year)

Plant Production Sciences study track, 120 cr

AGRI-200 Advanced studies in Plant Production Sciences, 90 cr

Joint studies in the AGRI-programme

AGRI-001 Personal Study Plan (PSP)
AGRI-002 Research Design and Analysis
AGRI-003A Scientific Writing
AGRI-003B MSc Seminars
AGRI-004 Literature
AGRI-005 Master's Thesis
VIKIM-001 Master's Maturity Test

credits period

45 cr

0 cr 1/I
5 cr 1/III-IV
4 cr 2/II-IV
1 cr 1-2/any periods
5 cr 2/any periods
30 cr 2/any periods
0 cr 2/IV

Joint studies in the Plant Production Sciences study track

AGRI-203 Plants in a Changing World
GMB-303 Plant Physiology for a Sustainable Future
Optional, choose 2 x 5 cr
An advanced Plant Production Sciences course 1 according to PSP
An advanced Plant Production Sciences course 2 according to PSP

20 cr

5 cr 1/I
5 cr 1 or 2/I

5 cr
5 cr

Alternative modules in the Plant Production Sciences study track

According to your PSP, choose 1 (*please see additional information below**):

AGRI-2250 Agroecology

AGRI-211 Wildlife in the Farming Environment
AGRI-212 Ecological Farming Methods
AGRI-221 Agroecology: Working with the Complexity of Farming Systems (web course)
AGRI-222 Sustainable Food Systems (in odd years contact teaching and in even years online course)
ECGS-001 Introduction to Sustainability Science

25 cr

5 cr 1/I-II
5 cr 1/I-II
5 cr 1/III
5 cr 1/II
5 cr 1 or 2/I

AGRI-2300 Plant Breeding

AGRI-232 Crop Breeding and Genetic Resources
AGRI-285 Translational Plant Biology
AGRI-312 Breeding Value and Variance Component Estimation
FOR-278 Forest Tree Breeding and Genetic Resources
GMB-217 Laboratory Course in Plant Biotechnology

25 cr

5 cr 1 or 2/I **odd**
5 cr 1/IV
5 cr 1 or 2/II **odd**
5 cr 1 or 2/III **even**
5 cr 1/III-IV

AGRI-2400 Crop Science

AGRI-241 Field crop quality, Lectures and Practicals
AGRI-243 Herbicides and Weed Management
AGRI-245 Crop Science and Horticulture Practicals
AGRI-248 Cropping Systems Ecology
AGRI-249 Crop Ecological Physiology

25 cr

5 cr 1 or 2/I **even**
5 cr 1 or 2/III **even**
5 cr 1/III-IV
5 cr 1 or 2 /II-III **odd**
5 cr 1 or 2/III **odd**

AGRI-2500 Plant Pathology

AGRI-251 Fungal Plant Pathogens
AGRI-252 Plant Pathogenic Bacteria
AGRI-253 Plant Virology
AGRI-261 Epidemiology and Ecology of Plant Pathogens
AGRI-263 Plant-Microbe Interactions

25 cr

5 cr 1 or 2/I **odd**
5 cr 1 or 2/III **even**
5 cr 1 or 2/III **odd**
5 cr 1 or 2/I **even**
5 cr 1 or 2/II

x = can be completed at any time, no fixed periods and in some cases no fixed years

() = can be completed either in the first or second year of MSc studies

* = Tentative, to be confirmed later

A tentative two-years model study schedule for 2026–2027 + 2027–2028*										Can be completed remotely
2026 – 2027					2027 – 2028*					
First year					Second year (*a tentative model, changes possible)					
I	II	III	IV	summer	I	II	III	IV	summer	
0										X
		2,5	2,5							
						2	1	1		
x	x	x	x		x	x	x	x		
				x	x	x	x	x		X
				x	x	x	x	x		
								0		X
5										
(5)					(5)					
3	2									
2,5	2,5									
		5								X
	5									X
(5)					(5)					
					5					
			5							
						5				
							5			
		2,5	2,5							
5										
							5			
		2,5	2,5							
						2,5	2,5			
		5								
					5					
							5			
		5								
5										
	(5)					(5)				

AGRI-271 Biological Control
AGRI-272 Integrated Plant Protection
AGRI-273 Extended Insect Identification
FOR-272 Herbivory And Trophic Interactions In A Changing World
FOR-235 Multidisciplinary View On Insect Outbreaks And Host-Pathogen Dynamics

AGRI-245 Crop Science and Horticulture Practicals
AGRI-281 Postharvest Physiology of Horticultural Crops
AGRI-282 Greenhouse Production and Management
AGRI-283 Berry and Fruit Crop Physiology
AGRI-285 Translational Plant Biology

- AGRI-291 Plant species in urban green space
- AGRI-292 Urban green spaces and green infrastructure
- AGRI-297 Sustainable green sector
- AGRI-294 Horticulture for Well-being and Green Care
- AGRI-296 Urban Agriculture

Optional modules from your own MSc programme or from other degree programmes. Please note that you don't have to take any **optional modules (0-30 cr)** for your Master's Degree, if you don't want, but instead, you can take **individual optional courses (0-30 cr)** to the Other studies section in order to get 120 credits for your Master's Degree.

VIKIM-200 Study Module Taken at Other University
VIKIM-201 Studies Completed in a Foreign University

or any other optional module from AGRI or from other MSc programmes

Optional methodological courses agreed in your PSP, career and other courses from your own MSc programme or from other degree programmes (please see additional information below**):

FOR-007 Statistical Models: Basics in Generalized Linear Models

MAAT-031 Tieteellinen kirjoittaminen ja seminaarit

ERK-505 Kemian työt

MOLE-222 Laboratory skills in molecular biology

MOLE-213A Geenitekniikan luennot

MOLE-213C Geenitekniikan harjoitustyöt

FYS2034 Klimatologian perusteet

Programming courses according to PSP

Bioinformatics courses according to PSP

Computer Science courses according to PSP

GIS courses according to PSP

Other methodological courses according to PSP

AGRI-017 Advanced Training in a Research Group
AGRI-018 Practical Training
AGRI-019 Supervision of Younger Students in Agricultural Sciences
AGRI-020 Study Group in Agricultural Sciences
AGRI-021 Project work
AGRI-295 Puutarhatieteen projektityö
VIHKM-002 Tutoring
VIHKM-005 Demanding participation in administrative bodies and s

<u>credits</u>	<u>period</u>	
25 cr		
5 cr	1 or 2/II	even
5 cr	1 or 2/IV	odd
5 cr	1 or 2/any periods	
5 cr	1 or 2/II	odd
5 cr	1 or 2/IV	odd
25 cr		
5 cr	1/III-IV	
5 cr	1 or 2/II	odd
5 cr	1 or 2/III	even
5 cr	1 or 2/II	even
5 cr	1/IV	
25 cr		
5 cr	1 or 2/I	even
5 cr	1 or 2/II	even
5 cr	1 or 2/I	odd
5 cr	1 or 2/IV	odd
5 cr	1 or 2/I	even

[illegible]

Other optional studies (examples)

Other optional courses from your own MSc programme or from other degree programmes (examples):

Courses or modules from the MSc programme in Agricultural Sciences (AGRI)

Courses or modules from the MSc programme in Forest Sciences (FOR)

Courses or modules from the MSc programme in Food Sciences (FOOD)

Courses or modules from the MSc programme in Environmental Change and Global Sustainability (ECGS)

Courses or modules from the MSc programme in Ecology and Evolutionary Biology (EEB)

Courses or modules from the MSc programme in Genetics and Molecular Biosciences (GMB)

Courses from the Ruralia Institute (RUR)

Courses of modules from the Faculty of Agricultural Sciences (FAF)

Courses from the Entrepreneurship and Innovation study package (EISP)

Courses from Sustainability Studies (SUST)

Kursseja Luonnonmukainen maa- ja elintarviketalous -opintokokonaisuudesta (MAAT-610)

[Biodiversity Education Network -online courses](#)

Climate Change Teaching Collaboration Network

[Climate University -online courses](#)

Sustainability Studies Network -online courses

Una Europa Micro-Credential in Sustainability -online courses

[illegible]

* In Plant Production Sciences you need to select 1 x 25 cr module out of seven alternative modules:

When you aim to complete your MSc thesis in agroecology, plant breeding, crop science, plant pathology, agricultural entomology or horticulture, please select the corresponding module. Please also discuss about the module selection with your supervising PSP teacher. You can include any alternative plant production science module in optional modules (0-30 cr) as well.

** FOR-007 is a required prerequisite course for those AGRI students, who have not completed a similar studies in their BSc degree

**** MAAT-031 is a required prerequisite course for those Finnish applied university graduates, who have not completed a similar studies in their previous degree**

** ERK-505 and FYS2034 are required prerequisite courses for those Finnish AGRI/Crop Science students, who have not completed a similar studies in their BSc degree

VIIKM-005 Demanding participation in administrative bodies and student organisations

period

1 or 2/any periods

Other optional courses from your own MSc programme or from other degree programmes (examples):

Una Europa Micro-Credential in Sustainability -online courses

Courses or modules from the MSc programme in Environmental Change and Global Sustainability (ECGS)

** MAAT-031 is a required prerequisite course for those Finnish applied university graduates, who have not completed a similar studies in their previous degree

[illegible]