



ECTS

1. Semester (WS)

AEF-agrig001
6 ECTS

AEF-agrig002
6 ECTS

AEF-agrig003
6 ECTS

AEF-agrig004
6 ECTS

AEF-agrxxx
6 ECTS

30

2. Semester (SS)

AEF-agrig006
6 ECTS

AEF-agrig007
6 ECTS

MNF-biol258b
6 ECTS

AEF-agrxxx
6 ECTS

AEF-agrxxx
6 ECTS

30

3. Semester (WS)

AEF-agrig005
6 ECTS

AEF-agrxxx
6 ECTS

AEF-agrxxx
6 ECTS

AEF-agrxxx
6 ECTS

AEF-agrxxx
6 ECTS

30

4. Semester (SS)

AEF-agrig019 (Master thesis)
27 ECTS

AEF-agrig008
3 ECTS

30

**Mandatory
Modules**

**Elective
Modules**

1./3.Semester (WS)

AEF-agr046
Methods for
Breeding Field
Crops

AEF-agrig010
Utilization of
Genome Analysis
in Animal
Breeding

AEF-agrig014
Biocontrol
Biotechnology

AEF-agrig015
Functional
Genomics
in Phytopathogen
Research

AEF-agrig018
Recent Progress in
Plant Breeding
and Genome
Research

AEF-el008
Nutrigenomics
and Nutrigenetics

MNF-biol214
Environmental
stress adaption in
plants

MNF-biol244b
Population
Genomics

2.Semester (SS)

AEF-agrig012
Genetically
Modified Plants

AEF-agrig013
Biotechnology in
Phytomedicine

AEF-agrig017
Biological Systems
as Bioreactors

AEF-agrig018
Recent progress in
Plant Breeding and
Genome Research

MNF-biol260
Molecular
Genetics of Plants
and Fungi

agrigAEF020-01a
Selection in Plant
Breeding

AEF-ds010
Biometrical
Planning and
Inference

	Number of modules	Required credits	WS	SS
Mandatory modules	9	51	AEF-agrig001 AEF-agrig002 AEF-agrig003 AEF-agrig004 AEF-agrig005 AEF-agrig008	AEF-agrig006 AEF-agrig007 AEF-agrig008 MNF-biol258b
Elective modules	15	42	AEF-agr046 AEF-agrig010 AEF-agrig014 AEF-agrig015 AEF-agrig018 AEF-el008 MNF-biol214 MNF-biol244b MNF-biol265	AEF-agrig012 AEF-agrig013 AEF-agrig17 AEF-agrig018 MNF-biol260 agrigAEF020-01a AEF-ds010
Master thesis		27		X
total		120		