

SSP 1 and SSP2 at BOKU 2019/20

If BOKU was chosen as HOST-University for the second year students have had to pursue the structure of courses as following:

- One compulsory course (master seminar) with an extent of 2 ECTS credits
- Elective courses with an extent of 16 ECTS credits out of the pool W5 and
- Free elective courses with an extent of 12 ECTS credits

Compulsory course within the SSPs (P)

P-2 Master Thesis Seminar obligatory		
Name of the course	Type	ECTS-Credits
Master's Thesis Seminar	MA	2

Elective courses within the SSPs (W5)

W-5 Soil Fertility, Water Management and Ecology		
Name of the course	Type	ECTS-Credits
Soil fertility and soil ecology in organic agriculture	VU	3
Soil physics and soil chemistry	VO	3
Rhizosphere processes and application to agriculture and soil protection	VO	3
Lecture series in soil, water and atmosphere	VO	3
Soil water management	VO	3
Soil conservation and soil protection	VU	3
Vegetation dynamics and fire ecology	VS	3
Soil ecology	VO	3

W-5 Organic Agricultural Production		
Name of the course	Type	ECTS-Credits
Crop production systems in organic agriculture	VU	3
Procedures of plant production in organic agriculture I	VX	1
Procedures of plant production in organic agriculture II	SX	1
Animal production in organic agriculture	VO	4
Case studies in organic grassland management	SX	2
Protection of natural resources by organic farming	VS	3
Organic fruit production and organic viticulture	VX	3
Organic horticulture (vegetables and ornamentals)	VX	3
Research project in viticulture and fruit science	PJ	4
Ecological plant protection	VU	3
Phytomedicine in pomology	VU	3
Laboratory diagnosis of plant damages	UE	3
Global change and pest management	VO	3
Methods of measuring stress resistance in plants	VU	3
Technology in organic agriculture	VS	3

Agricultural engineering in plant production - seminar	SX	4
Post-harvest technology	VO	3
Production systems and atmospheric pollution	VO	3
European regulatory framework for organic production	VO	3
Interdisciplinary excursion on organic agriculture	EX	2

W-5 Local Knowledge and Ethnobiology		
Name of the course	Type	ECTS-Credits
Local knowledge and ethnobiology in organic farming - introduction	VS	3
Local knowledge and ethnobiology in organic farming – methods seminar	SE	3
Agroecology, cultural ecology and ethnoecology – the interdisciplinary discourse in natural resource management	SE	3
Biocultural diversity in rural landscapes	VS	3
Ethnobotany - introduction	VO	2
Ethnobotany - research and application	SE	3

W-5 Systems, Scenarios, Sociology and Ethics		
Name of the course	Type	ECTS-Credits
System analysis and scenario technique – methods and practices	SE	5
Ethics in organic agriculture	SE	3
Principles of empirical research methods in the social sciences	VS	3
Foresights - What future to expect? (late lessons from early warnings)	VO	2
Organic farming and regional development	PJ	6
Global networking	SE	6
Decision support systems	SE	3
Organisational behavior and gender issues	VU	3
Organic farming in the public debate	VS	3
Applied theory of sciences	VS	2

W-5 Organic Agriculture in Subtropical and Tropical Environments		
Name of the course	Type	ECTS-Credits
Global case studies on organic agriculture	VS	1,5
The global organic control and certification system	VS	3
Development processes of organic agriculture in tropical and subtropical regions	SE	3
Project: Organic farming in tropical and subtropical regions	PJ	6
Soil management in tropical and subtropical developing regions	VO	3
Animal husbandry in tropical and subtropical regions	VO	3
Mechanization of agriculture in developing countries	VS	4
Participatory methods in development research and practice	SE	3

Free elective courses within the SSPs (FF): 12 ECTS credits

Free electives may be selected from all courses offered by all recognized universities in Austria and abroad. Free electives are intended to impart knowledge and skills in the student's own academic subject as well as in fields of general interest.

If BOKU is chosen as the host university, students have to successfully complete at least 12 ECTS credits of free elective courses. The Joint summer school can be chosen as a free elective course.

A list of recommended free electives at BOKU can be found on the homepage of the "Fachstudienkommission Agrarwissenschaften".