

## SSP 1 and SSP2 at BOKU 2014/15

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)

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

Elective courses within the SSPs (W5)

<b>W-5 Soil Fertility, Water Management and Ecology</b>		
<b>Name of the course</b>	<b>Type</b>	<b>ECTS-Credits</b>
Soil Fertility and Soil Ecology in Organic Agriculture (in Eng.)	VU	3
Soil Physics and Chemistry (in Eng.)	VO	3
Rhizosphere Processes and Application to Agriculture and Soil Protection (in Eng.)	VO	3
Lecture Series in Soil, Water and Atmosphere (in Eng.)	VO	3
Soil water management (in Eng.)	VO	3
Soil Conservation and Soil Protection (in Eng.)	VU	3

<b>W-5 Organic Agricultural Production</b>		
<b>Name of the course</b>	<b>Type</b>	<b>ECTS-Credits</b>
Crop Production Systems in Organic Agriculture (in Eng.)	VU	3
Animal Production in Organic Agriculture (in Eng.)	VO	4
Conversion to Organic Agriculture – Interdisciplinary Project (in Eng.)	PJ	4,5
Case studies in Organic Grassland Management (in Eng.)	SE	2
Protection of Natural Resources by Organic Farming (in Eng.)	VS	3
Organic Fruit Growing and Viticulture (in Eng.)	VY	3
Organic Production of Vegetables and Ornamentals (in Eng.)	VY	3
Project Fruit Growing and Viticulture (in Eng.)	PJ	4
Ecological Plant Protection (in Eng.)	VU	3
Applied Entomology in Orchards, Vineyards and Horticultural Crops (in Eng.)	VY	3
Arthropod Behavioral Ecology (in Eng.)	VS	2
Ecological Basis of Biological Control (in Eng.)	VO	3
Methods of measuring stress resistance in plants (in Eng.)	VU	3
Technology in Organic Agriculture (in Eng.)	VO	3

Agricultural Engineering in Plant Production – seminar (in Eng.)	SX	4
Post-harvest technology (in Eng.)	VO	3
Production systems and atmospheric pollution (in Eng.)	VO	3
Safety and Quality of Organic Foods (in Eng.)	VO	3

#### W-5 Local Knowledge and Ethnobiology

Name of the course	Type	ECTS-Credits
Local Knowledge and Ethnobiology in Organic Farming – Introduction (in Eng.)	VO	1
Local Knowledge and Ethnobiology in Organic Farming – Methods Seminar (in Eng.)	SE	2
Topics of Agro-, Cultural- and Ethnoecology (in Eng.)	VS	3
Biocultural Diversity in Rural Landscapes (in Eng.)	VS	3

#### W-5 Systems, Scenarios, Sociology and Ethics

Name of the course	Type	ECTS-Credits
System analysis and scenario technique – Methods and practices (in Eng.)	SE	5
Ethics in Organic Agriculture (in Eng.)	SE	3
Principles of Empirical Research Methods in the Social Sciences (in Eng.)	VS	3
Foresights - what future to expect? (Late lessons from early warnings)(in Eng.)	VO	2
Organic farming and regional development (in Eng.)	PJ	6
Global Networking (in Eng.)	SE	6
Decision Support Systems (in Eng.)	SE	3
Organizational Behaviour and Gender Issues (in Eng.)	VU	3

#### W-5 Organic Agriculture in Subtropical and Tropical Environments

Name of the course	Type	ECTS-Credits
Global Case Studies on Organic Agriculture (in Eng.)	VS	1,5
The Global Organic Control and Certification System (in Eng.)	VS	3
Development Processes of Organic Agriculture in Tropical and Subtropical Regions (in Eng.)	SE	3
Project: Organic Farming in Tropical and Subtropical Regions (in Eng.)	PJ	6
Soil Management in Tropical and Subtropical Developing Regions (in Eng.)	VO	3
Animal Husbandry in Tropical and Subtropical Regions (in Eng.)	VO	3
Mechanization of Agriculture in Developing Countries (in Eng.)	VS	4
Participatory Methods in Development Research (in Eng.)	SE	3

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