

# Environmental Science -Soil, Water and Biodiversity Master of Science



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# Preamble

This curriculum provides applicants and students as well as teaching and administrative staff with comprehensive information about the M.Sc. programme "Environmental Science – Soil, Water and Biodiversity" (EnvEuro – a European Master in Environmental Science). It contains information on the programme structure, summarises the most important exam regulations and admission requirements.

The information presented reflects the current situation. Titles and contents of compulsory and optional modules are sometimes subject to change. Due to administrative reasons such changes can only be considered in printed materials with delay. For this reason all information is provided without liability.

If in doubt, please refer to the co-ordinator of the programme (<u>enveuro@uni-hohenheim.de</u>) to obtain upto-date information. For up-to-date module descriptions please refer to the web-pages at <u>www.uni-hohenheim.de/modulkatalog</u>. Time schedules and lecture halls of all courses are displayed in the Course Catalogue of the University of Hohenheim, available at the beginning of each semester on the university's homepage: <u>www.uni-hohenheim.de</u>.

## **Table of Contents**

Programme Design	4
Programme Objectives and Conditions	5
Career Perspectives	5
Modules at the University of Hohenheim	5
Module Descriptions	10
Individual Timetable	10
Credit Point System	11
Study and Examination Plan	11
Examinations and Exam Repetitions	11
Master Thesis	12
Quality Assurance	12
Teaching Staff	12
Mentoring	12
Modules at the Partner Universities	12
Hohenheim's ASP 2 specialisations and modules	13
Double Degree	16
Admission Requirements	16
Application Deadline	16
Fees and Expenses	16
Scholarships	17
Cost of Living	17
Housing	17
Dormitories	17
Visa Application	17
Responsible Scientist	17
Contact	17
Block Periods	18
Blocked Modules Taught in English in SS 14	20
Unblocked Modules Taught in English in SS 14	21
Semester Structures at the Four Partner Universities	22
Identification of Modules (Code)	23
Lecture Periods and Examination Periods	24

### The Master's Programme "Environmental Science – Soil, Water and Biodiversity"

**Programme Design** The M.Sc. programme in "Environmental Science – Soil, Water and Biodiversity" (EnvEuro) is a two-year study programme which has been developed and is now contributed to by the following universities: University of Copenhagen (Denmark), University of Hohenheim (Germany), Swedish University of Agricultural Science (Sweden) and the University of Natural Resources and Life Science Vienna (Austria), all members of the "Euroleague for Life Sciences". The language of instruction is English.

The full programme has an extent of 120 ECTS and is constructed by 4 Semester packages, each with a value of 30 ECTS (one basic Semester package/BSP, two advanced Semester packages/ASPs, and a thesis). All students will start up with a common introduction week in August, held at the UCPH University in Copenhagen, <u>in which participation is obligatory</u>. Teaching starts with an e-learning module, introducing the students to European environmental practices including legislation, regulation, monitoring/data collection and Policy (EME). The first year (BSP and 1<sup>st</sup> ASP) of the M.Sc. programme is carried out at the home university. The second year (2<sup>nd</sup> ASP and thesis) is carried out at one of the partner universities.

University of Hohenheim Home university		Host univer (UCPH / SLU /		
First Semester: Basic Semester Package/BSP		Second Semester: Advanced Semester Package 1/ASP 1 (one to choose)	Third Semester: Advanced Sem. Package 2/ASP 2 (one to choose)	Forth Semester Master thesis
		Environmental Impacts 30 ECTS	Water Resources SLU or BOKU, 30 ECTS	
	Environmental Management 30 ECTS	<b>Environmental</b> <b>Impacts</b> UCPH, 30 ECTS	UCPH	
Introduc- tion week and EME	2 <sup>1</sup> / <sub>2</sub> modules	Soil Resources and	Soil Resources and Land Use UCPH or SLU or BOKU, 30 ECTS	or SLU
module (e-lear- ning based), 15 ECTS	each 6Land UseECTS30 ECTS15 ECTS	<b>Ecosystems and</b> <b>Biodiversity</b> SLU or BOKU, 30 ECTS	or BOKU	
		Climate Change 30 ECTS	<b>Environmental</b> <b>Management</b> UCPH, 30 ECTS	30 ECTS
Ecosystems and Biodiversity 30 ECTS		Climate Change UCPH or SLU or BOKU, 30 ECTS		

Programme Design of the M.Sc. "EnvEuro"

UCPH = University of Copenhagen, Faculty of Life Sciences, Denmark SLU = Swedish University of Agricultural Sciences, Sweden BOKU = University of Natural Resources and Life Science, Austria

Programme Objectives and Conditions	The programme EnvEuro focuses on the relationships between natural re- source uses in Europe and the effects it has on environment and health, and aims at providing analytical and management tools as well as environmental technologies for sustainable production systems in areas with high pressures on natural resources. Water resources take a central role in the programme as water quantities and quality is a powerful measure of mass and energy balances in agriculture, industries and households including pollution loads. Six different specialisations allow for an individually tailored M.Sc. programme. The University of Hohenheim provides an excellent platform for development of a M.Sc. programme based on European knowledge and experience. The Master degrees of the University of Hohenheim are highly regarded academically, as well as being well received by employers internationally.
	The University of Hohenheim fosters contacts and partnerships with more than 50 universities worldwide as well as many renowned national and international institutions and companies. Students enrolled at Hohenheim are encouraged to take full advantage of this existing network in respect of their studies that opens doors to future opportunities.
Career Perspectives	The M.Sc. programme aims at providing candidates who can work professionally with soil, water, climate change and biodiversity in an environmental context and related to the use of natural resources, and based on insight in European ecosystems and knowledge on current European environmental management.

Candidates will have excellent skills for jobs in all public and industrial sectors working with optimisation of production within the regulative and legislative framework for maintaining high environmental and health standards.

*Modules at the University of Hohenheim* EnvEuro starts each year in the end of August with a compulsory intensive introduction course in Copenhagen. Afterwards students return to Hohenheim for the modules of the basic semester package (BSP). The BSP at Hohenheim consists of three compulsory modules and one elective module:

Comp	oulsory modules (BSP) in WS 13/14	Blocked?	Credits
3005-410	Environmental Management in Europe (EME)	Intro-week + e-learning	15
3103-440	Matter Cycling in Agroecosystems	block 3	6
3402-420	Quantitative Methods in Biosciences (Part 1: Basic Statistics)	unblocked	3
List of 1	recommended elective modules (BSP) in WS13/14	Blocked?	Credits
3202-420	Global Change Issues	block 4	6
4904-430	Land Use Economics (high level!)	block 4	6
3803-450	Crop Production Affecting the Hydrological Cycle ( <i>high level!</i> )	block 4	6
3004-410*	Inland Water Ecosystems	block 5	6
1201-410	Remote Sensing	unblocked	6

\* Please register for participation as described in the module descriptions.

Until summer semester 2014 some modules are offered as blocked courses lasting three and a half weeks (B1 to B5 = winter semester, B6 - B10 = summer semester). Some are not blocked and thus last the full length of the

semester. From 2014/15 the modules of the first and third semester last the full length of the semester. The modules of the second semester are offered as blocked courses, each including three weeks of instruction, one week of individual preparation, and an exam at the end of week four.

At the University of Hohenheim each module of 6 credits corresponds to a workload of 4 SWS (weekly contact hours per semester), which is 56 contact hours per module. Each module of 7.5 credits corresponds to a workload of 5 SWS (weekly contact hours per semester), which is 70 contact hours per module. In addition time for preparation at home is needed, summing up to a total workload of about 160 hours for one module of 6 credits and 200 hours for one module of 7.5 credits. Each module may consist of different forms of teaching (e.g. seminar, lecture, practical, excursions).

Sem	Code	Name of Module	Duration	Credits	Professor
1	3005-410	Environmental Manage- ment in Europe (EME)	Intro-week + e-learning 1 Semester	15	Fangmeier
1	3103-510	Environmental Modelling	1 Semester	6	Streck
1	3402-420	Quantitative Methods in Bioscience (Part 1: Basic Statistics)	1 Semester	3	Piepho

The compulsory modules (24 credits) are in from winter semester 2014/15 on:

One modules (at least 6 credits) may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences.

On request to the examination board and with the approval of a mentor, modules can be chosen from other programmes of the University of Hohenheim (see: www.uni-hohenheim.de/modulkatalog). Modules which have already been examined may not be chosen for a second time.

Particularly recommended **elective modules** from WS 14/15 on (6 credits in elective modules are necessary):

Sem	Code	Name of Module	Duration	Credits	Professor
1	3004-410	Inland Water Ecosystems*	1 Semester	6	Tremp
1	3201-640	Limnology	1 Semester	6	Schmieder
		GIS and Remote Sensing	1 Semester		
1	3201-630	in Landscape Ecology		6	Schmieder
		Project in Landscape	1 Semester		
1	3201-610	Ecology		6	Schurr
1	3202-420	Global Change Issues	1 Semester	6	Fangmeier
		Air Pollution and Air	1 Semester		
1	3202-430	Pollution Control		6	Fangmeier
		Population and	1 Semester		
1	3502-450	Quantitative Genetics		6	Schmid
		Ecology and	1 Semester		
1	3802-410	Agroecosystems*		6	Sauerborn
		Environmental Micro-	1 Semester		
		biology, Parasitology and			
1	4602-460	Microbial Ecology		6	Hölzle
1-4	3000-410	Portfolio-Module (Master)	Not defined	1 - 7,5	Müller, T.

\* Please register for participation as described in the module descriptions.

In the second semester students have to choose one of the following specialisations of **advanced semester package 1 (ASP1)**. These semester packages consist of three types of modules: compulsory, semi-elective, and elective. Students have to combine the modules so that at least 30 credits are

achieved. Besides the compulsory modules, priority should be given to the semi-elective modules. Students may choose elective modules from the module catalogue of the Faculty of Agricultural Sciences (not listed here, available at <u>https://www.uni-hohenheim.de/modulkatalog.html?&L=1</u>).

#### The compulsory and semi-elective modules of ASP1 at Hohenheim are:

Specialisation Environmental Impacts (in summer term 2014)

Compulso	bry modules (together 18 credits)	Blocked?	Credits			
3103-450	Spatial Data Analysis with GIS	block 7	6			
3802-450	Biodiversity, Plant and Animal	block 8	6			
	Genetic Resources					
3103-460	Environmental Science Project	block 9	6			
Elective n	Elective modules					
-	Up to two modules may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences					
Suggestio	ns for-elective modules	Blocked?	Credits			
1201-500	Remote Sensing of the Earth System	unblocked	6			
3102-440	Environmental Pollution and Soil	block 6	6			
	Organisms*					

\* Please register for participation as described in the module descriptions.

Specialisation	n Environmental	<b>Impacts</b>	(in	summer	term	2015)
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Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3103-450	Spatial Data Analysis with GIS	SS, block 1	7.5	Streck
Sem	Code	Semi-elective Modules (two to choose)	Duration	Credits	Professor
2	3802-420	Biodiversity, Plant and Animal Genetic Resources	SS, block 2	7.5	Sauerborn
2	4403-580	Water and Soil Management in Agricultural Production	SS, block 2	7.5	Müller, J.
2	3803-450	Crop Production affecting the Hydrological Cycle	SS, block 3	7.5	Asch
2	3101-570	Field Course Soils and Vegetation	SS, block 3	7.5	Herrmann
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
Elective module (one to choose)					
	One module with 7.5 ECTS may be freely chosen from the module catalogue of all mas-				
ter co	ter courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences				

### Specialisation Environmental Management (in summer term 2014)

Compulsory modules (together 12 credits)	Blocked?	Credits
3103-450 Spatial Data Analysis with GIS	block 7	6
4201-410 Agricultural and Food Policy	block 8	6

Semi-elective modules (at least 6 credits to choose)	Blocked?	Credits		
4407-430 Precision Farming	block 6	6		
3103-460 Environmental Science Project	block 9	6		
4403-470 Renewable Energy for Rural Areas	block 9	6		
3603-500 Exercises in Biological Pest Control	block 10	6		
Elective modules				
Up to two modules may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences				

Specialisation Environmental Management	(in summer term 2015)
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Sem	Code	Compulsory Module	Duration	Credits	Professor	
2	3103-450	Spatial Data Analysis with GIS	SS, block 1	7.5	Streck	
Sem	Code	Semi-elective Modules (two to choose)	Duration	Credits	Professor	
2	3801-430	Integrated Agricultural Production Systems	SS, block 2	7,5	Cadisch	
2	3802-420	Biodiversity, Plant and Animal Genetic Resources	SS, block 2	7,5	Sauerborn	
2	4403-580	Water and Soil Management in Agricultural Production	SS, block 2	7,5	Müller, J.	
2	4403-470	Renewable Energy for Rural Areas	SS, block 3	7,5	Müller, J.	
2	3103-460	Environmental Science Project	SS, block 4	7,5	Streck	
	Elective module (one to choose)					

One module with 7.5 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

Specialisation Soil Resources and Land Use (in summer term 2014)

Compulse	ory modules (together 12 credits)	Blocked?	Credits		
3301-470	Fertilisation and Applied Soil Che- mistry in the Tropics and Subtropics	e-learning, unblocked	6		
3103-450	Spatial Data Analysis with GIS	block 7	6		
Semi-elec choose)	tive modules (at least 6 credits to	Blocked?	Credits		
3401-450	Conservation Agriculture	unblocked	6		
3102-420	Project in Soil Science	unblocked	6		
3102-440	Environmental Pollution and Soil Organisms	block 6	6		
3101-430	Interdisciplinary Advanced Soil Science Project	block 9	6		
Elective n	nodules				
-	Up to two modules may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences				

Sem	Code	<b>Compulsory Module</b>	Duration	Credits	Professor
2	3103-450	Spatial Data Analysis with GIS	SS, block 1	7.5	Streck
Sem	Code	Semi-elective Modules (two to choose)	Duration	Credits	Professor
2	3301-480	Fertilisation and Soil Fertility Management in the Tropics and Subtropics	e-learning	7.5	Müller, T.
2		Soils of the World	SS, block 2	7.5	Rennert
2	3102-440	Environmental Pollution and Soil Organisms *	SS, block 2	7.5	Kandeler
2	4403-580	Water and Soil Management in Agricultural Production	SS, block 2	7.5	Müller, J.
2	3803-450	Crop Production Affecting the Hydrological Cycle	SS, block 3	7.5	Asch
2	3101-570	Field Course Soils and Vegetation	SS, block 3	7.5	Herrmann
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck

Specialisation Soil Resources and Land Use (in summer term 2015)

\* Please register for participation as described in the module descriptions.

## Elective module (one to choose)

One module with 7.5 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

Specialisation	Climate	Change	(in summer	term 2014)
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Compulso	ory modules (together 6 credits)	Blocked?	Credits			
3103-450	Spatial Data Analysis with GIS	block 7	6			
Semi-elect choose)	tive modules (at least 12 credits to	Blocked?	Credits			
3802-420	Biodiversity, Plant and Animal Genetic Resources	block 8	6			
3103-460	Environmental Science Project	block 9	6			
4404-470	Renewable Energy for Rural Areas	block 9	6			
3103-500	Energy and Water Regime at the Land Surface	unblocked	6			
1201-490	Climate History and Evolution of the Earth System	unblocked	4			
1201-500	Remote Sensing of the Earth System	unblocked	6			
1201-440	Measurement, Modeling and Data Assimilation I	unblocked	8			
Elective n	nodules					
-	Up to two modules may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences					

Sem	Code	Compulsory Module	Duration	Credits	Professor	
2	3103-450	Spatial Data Analysis with GIS	SS, block 1	7.5	Streck	
Sem	Code	Semi-elective Modules (two to choose)	Duration	Credits	Professor	
2	3802-420	Biodiversity, Plant and Animal Genetic Resources	SS, block 2	7.5	Sauerborn	
2	4403-580	Water and Soil Manage- ment in Agricultural Production	SS, block 2	7.5	Müller, J.	
2	3803-450	Crop Production Affecting the Hydrological Cycle	SS, block 3	7.5	Asch	
2	4403-470	Renewable Energy for Rural Areas	SS, block 3	7.5	Müller, J.	
2	3803-430	Ecophysiology of Crops in the Tropics and Subtropics	SS, block 4	7.5	Asch	
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck	
	Elective module (one to choose)					

Specialisation Climate Change (in summer term 2015)

One module may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

NEW: Specialisation Ecosystems and Biodiversity (in sum	mer term 2013)
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Sem	Code	<b>Compulsory Module</b>	Duration	Credits	Professor	
2	3103-450	Spatial Data Analysis with GIS	SS, block 1	7.5	Streck	
Sem	Code	Semi-elective Modules (two to choose)	Duration	Credits	Professor	
2	3201-590	Combining Ecological Models and Data	SS, block 2	7.5	Schurr	
2	3802-420	Biodiversity, Plant and Animal Genetic Resources	SS, block 2	7.5	Sauerborn	
2	3101-570	Field Course Soils and Vegetation	SS, block 3	7.5	Herrmann	
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck	
2	3201-600	Intensive Course Landscape Ecology	SS, block 4	7.5	Schurr	
	Elective module (one to choose)					
	One module may be freely chosen from the module catalogue of all master courses of the					

Faculty of Agricultural Sciences and the Faculty of Natural Sciences

*Module Descriptions* For the contents of all modules see: <u>www.uni-hohenheim.de/modulkatalog</u>

Individual Timetable

The Course Catalogue of the University of Hohenheim contains information on times, lecturers and lecture rooms of all courses and is available at the beginning of each semester online at the university's homepage: <u>www.unihohenheim.de</u>. It is linked to the Module Descriptions. A tool to compose an individual timetable is available on the Intranet. Mind: especially non-blocked modules often consist of more than one course. *Credit Point System* The M.Sc. programme has a total requirement of 120 ECTS credits. The credit point system used in the M.Sc. programme is fully compatible with the European Credit Transfer System, ECTS.

The examination result is expressed in grades and marks. The highest score is 1.0 [grade A]. A score of 4.0 [grade D] is required for passing.

The end score is calculated as a weighted average score according to the credits achieved in all modules and the Master Thesis.

	marks and grades		
	grades		mark
excellent performance	very good	А	1.0
		A-	1.3
performance considerably	good	B+	1.7
exceeding the above average		В	2.0
standard		B-	2.3
performance meeting the average	medium	C+	2.7
standard		С	3.0
		C-	3.3
performance meeting minimum	pass	D+	3.7
criteria		D	4.0
performance not meeting minimum criteria	fail	F	5.0

Students have to seek advice of the mentor of the programme on which Study and **Examination** Plan elective modules are suitable for their individual profile. During the first three months of study the candidate must have the study and examination plan approved, in which all chosen modules are mentioned including the definite specification of the examination semester. Until SS 14 the study and examination plan has to be signed by the co-ordinator or the mentor before it is handed in to the examination office. By handing in the Study and Examination Plan students are automatically registered for the chosen module examinations. Exchanges of modules need to be approved. From WS 14/15 on a counseling confirmation has to be signed by a co-ordinator or mentor and handed in to the examination office, before registration for module examination is possible. All examinations have to be registered by the students. After registration for examination a module cannot be dropped any more.

**Examinations** Performance is examined through continuous assessment. Each module is examined upon completion. The examinations of the blocked modules are held at the end of the respective block period. Those for the unblocked modules are held in the two examination periods that follow the lectures. Withdrawal on the first trial of each module examination is possible up to 7 days before the examination date. The examination will be postponed to the next possible examination period.

The claim for examination expires if:

- a minimum of six examinations has not been passed by the end of the second Semester at the latest
- an examination of one of the modules has not been passed by the end of the sixth semester at the latest
- in one of the 15 modules an exam has to be repeated more than two times

The claim for examinations does not expire if the candidate cannot be held responsible for the failure to comply with the deadlines. The students themselves are responsible for complying with these examination deadlines as well as all other regulations given in the examination regulations. The examination regulations (https://www.uni-hohenheim.de/pruefung.html) are distributed by the examination office.

Please mind that plagiarism, that means the take-over of text or phrases in a written examination (even within a partial performance) without quoting them accordingly, will be marked as attempt of deception and the respective examination performance is to be graded "fail" (F; mark 4.0). A declaration (https://agrar.uni-hohenheim.de/plagiate.html?&L=1) has to be attached to homework, presentations, and to the thesis and the final digital text document has to be transferred to the mentoring supervisor.

- **Exam Repetition** In case of failure the examination office will inform the student via mail. Normally, the letter includes the repetition date. In some cases the date for repetition has not been pointed out at the time of informing the students. Students are responsible themselves to check with the responsible professor or the examination office about dates for repeater exams. Usually repeater exams for blocked modules will be scheduled by the responsible professor within the same semester. Repeater exams in lectures will usually automatically be scheduled for the next examination period.
- *Master Thesis* The Master Thesis shall show that the candidate is able to work independently on a problem in the field of "Environmental Science – Soil, Water and Biodiversity" within a fixed period of time by applying scientific methods. The exam consists of a written (thesis) and an oral (defence) part. The candidate has to defend the essential arguments, results and methods of the thesis in a colloquium of 30-45 minutes. The written part of the Master Thesis has to be completed within a period of six months. It is usually written during the fourth Semester at the host university. Thesis work includes a literature review, new and original data derived from field work, a period of writing-up and, finally, a presentation.
- **Quality Assurance** The quality of courses and modules is evaluated in a two year rotation by the students of all study programmes. The evaluation sheets are distributed and evaluated by the Faculty of Agricultural Sciences and the results are sent back to the lecturers in an **anonymous** format. The lecturers are asked to discuss the results with the students at the end of their courses.

Teaching Staff atMost modules are organised and taught by professors who have broad experi-<br/>ence in international research. Students also benefit from Hohenheim's active<br/>links with academic partners worldwide.

*Mentoring* A personal mentor from the teaching staff is assigned to advise on appropriate profiles and support smooth and goal-oriented progress. The study and examination plan has to be signed by the mentor before it is handed in to the examination office. Elective modules that are suitable for the individual profile, can be discussed first with the department advisor for the programme.

*Modules at the Partner Universities* The typical student is expected to spend one year at Hohenheim and one year at one of the partner universities; the first year comprising the BSP plus 1<sup>st</sup> ASP at one university and the 2<sup>nd</sup> year at another university where the 2<sup>nd</sup> ASP plus the thesis work is performed. This set up is recommended because of the different Semester structures at the partner universities. Between the BSP and the 1<sup>st</sup> ASP moving will not work due to overlap between Semesters (see scheme on page 20.

> The modules of the other partner universities can be found at: http://www.enveuro.eu/Master-programme/Specialisations-andcourses.aspx

*Hohenheim's ASP 2* The modules offered for incoming students for which Hohenheim is the host university are listed below.

The modules in ASP2 comprise two types of modules: semi-elective, and elective. Students have to combine semi-electve modules of their specialisation so that a minimum of 24 credits is achieved. In addition students may choose one elective module from the module catalogue of the Faculty of Agricultural Sciences (not listed here, available at <u>https://www.uni-hohenheim.de/modulkatalog.html?&L=1</u>). The semi-elective modules of ASP2 at Hohenheim are listed below.

Upon request of the students the examination board can allow to substitute semi-elective modules of these four specialisations by modules from other master programmes of the University of Hohenheim. This substitution needs the approval of the mentor.

Semi-elect	ive modules	Blocked?	Credits	
3202-430	Air Pollution and Air Pollution Control	block 1	6	
4402-440	Agricultural Production and Residues	block 1	6	
3202-410	Ecotoxicology and Environmental Analytics	block 2	6	
3103-440	Matter Cycling in Agroecosystems	block 3	6	
4403-580	Water and Soil Management in Agricultural Production	block 3	6	
3202-420	Global Change Issues	block 4	6	
4602-460	Environmental Microbiology, Parasitology and Microbial Ecology	block 4	6	
3004-410	Inland Water Ecosystems	block 5	6	
4406-410	Waste Management and Waste Techniques	unblocked	6	
Elective module				
One module may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences				

Specialisation: Environmental Impacts (until winter term 2013/2014)

### Specialisation: Environmental Impacts (winter term 2014/2015)

Sem	Code	Semi-elective Modules (four to choose)	Duration	Credits	Professor
3	3202-410	Ecotoxicology and Environmental Analytics	1 semester	6	Fangmeier
3	3202-420	Global Change Issues	1 semester	6	Fangmeier
3	3202-430	Air Pollution and Air Pollution Control	1 semester	6	Fangmeier
3	3004-410	Inland Water Ecosystems*	1 semester	6	Tremp
3	3802-410	Ecology and Agroecosystems*	1 semester	6	Sauerborn
3	4402-440	Agricultural Production and Residues	1 semester	6	Gallmann
3	4406-410	Waste Management and Waste Techniques	1 semester	6	Kranert

\* Please register for participation as described in the module descriptions.

 Elective module (one to choose)

 One module with 6 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

Semi-elect	ive modules	Blocked?	Credits			
4904-460	Farm System Modelling	block 1	6			
4901-420	Poverty and Development Strategies	block 1	6			
4403-580	Water and Soil Management in Agricultural Production	block 3	6			
3004-410	Inland Water Ecosystems	block 5	6			
4201-440	Economics and Environmental Policy	unblocked	6			
4406-410	Waste Management and Waste Techniques	unblocked	6			
Elective m	Elective module					
	One module may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences					

Specialisation: Environmental Management (until winter term 2013/2014)

Specialisation: Environmental Management (winter term 2014/2015)

Sem	Code	Semi-elective Modules (four to choose)	Duration	Credits	Professor
3	4904-460	Farm System Modelling*	First half of semester	6	Berger
3	4901-420	Poverty and Develop- mental Strategies*	Second half of semester	6	Zeller
3	3004-410	Inland Water Ecosystems**	1 semester	6	Tremp
3	4201-440	Economics and Environmental Policy	1 semester	6	Grethe
3	4406-410	Waste Management and Waste Techniques	1 semester	6	Kranert

\* It is recommended to combine these two modules.

\*\* Please register for participation as described in the module descriptions.

<b>Elective module</b> (c	one to choose)
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One module with 6 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

Specialisation:	: Soil Resources and	l Land Use	(until winter te	rm 2013/2014)
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Semi-elect	ive modules	Blocked?	Credits
3101-410	Tropical Soils and Land Evaluation	block 1	6
3202-410	Ecotoxicology and Environmental Analytics	block 2	6
4403-580	Water and Soil Management in Agricultural Production	block 3	6
4904-430	Land Use Economics	block 4	6
3301-440	Soil Fertility and Fertilisation in Organic Farming	unblocked	6
3301-470	Fertilisation and Applied Soil Chemistry in the Tropics and Subtropics	e-learning	6
3102-420	Project in Soil Sciences (in English and German)	unblocked	6
3102-450	Molecular Soil Ecology	unblocked	6

Semi-elective modules	Blocked?	Credits
Elective module		
One module may be freely chosen from the module catalogue of all master		
courses of the Faculty of Agricultural Sciences		

## Specialisation Soil Resources and Land Use (winter term 2014/2015)

Sem	Code	Semi-elective Modules (at least 24 credits to choose)	Duration	Credits	Professor
3	3301-480	Fertilisation and Soil	1 semester e-	6	Müller, T.
		Fertility Mangement in the Tropics and Subtropics	learning		
2	2102 510		1	(	Cture elle
3	3103-510	Environmental Modelling	1 semester	6	Streck
3	3102-470	Applied Microbiology	1 semester	6	Kandeler
3	3005-420	Climate Change Impacts,	1 semester e-	15	Fangmeier
		Adaptation and Mitigation	learning		
3	3803-500	Natural Resource Use and	1 semester	6	Asch
		Conservation in the			
		Tropics and Subtropics			
Elective module (one to choose)					
One module with 6 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences					

Semi-elect	ive modules	Blocked?	Credits	
3202-430	Air Pollution and Air Pollution Control	block 1	6	
4403-580	Water and Soil Management in Agricultural Production	block 3	6	
3202-420	Global Change Issues	block 4	6	
3803-450	Crop Production Affecting the Hydrological Cycle	block 4	6	
3004-410	Inland Water Ecosystems	block 5	6	
1201-410	Remote Sensing	unblocked	6	
4201-440	Economics and Environmental Policy	unblocked	6	
Elective module				
One module may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences				

Specialisation: Cl	imate Change (until	winter term 2013/2014)
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## Specialisation: Climate Change (winter term 2014/2015)

Sem	Code	Compulsory Module	Duration	Credits	Professor
3	3005-420	Climate Change Impacts,	1 semester e-	15	Fangmeier
		Adaptation and Mitigation	learning		
Sem	Code	Semi-elective Modules (two to choose)	Duration	Credits	Professor
3	1201-580	Physics of the Earth System	WP	6	Wulfmeyer
3	3202-420	Global Change Issues	WP	6	Fangmeier
3	3103-510	Environmental Modelling	WP	6	Streck

Sem	Code	Compulsory Module	Duration	Credits	Professor
3	3004-410	Inland Water Ecosystems*	WP	6	Tremp

\* Please register for participation as described in the module descriptions.

#### **Elective module** (one to choose)

One module with 6 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

### Specialisation: Ecosystems and Biodiversity (winter term 2014/2015)

Sem	Code	Semi-elective Modules (four to choose)	Duration	Credits	Professor
3	3004-410	Inland Water Ecosystems*	1 semester	6	Tremp
3	3201-610	Project in Landscape Ecology	1 semester	6	Schurr
3	3201-630	GIS and Remote Sensing in Landscape Ecology	1 semester	6	Schmieder
3	3802-410	Ecology and Agroecosystems*	1 semester	6	Sauerborn
3	3103-510	Environmental Modelling	1 semester	6	Streck
3	3502-450	Population and Quantitative Genetics	1 semester	6	Schmid

\* Please register for participation as described in the module descriptions.

# Elective module (one to choose) One module with 6 ECTS may be freely chosen from the module catalogue of all master courses of the Faculty of Agricultural Sciences and the Faculty of Natural Sciences

**Double Degree** On successful completion of the M.Sc. programme a double degree diploma "Master of Science" (M.Sc.) in "Environmental Science – Soil, Water and Biodiversity" is issued. A double degree constitutes of a certificate from each of the two universities where the student has conducted his/her studies. This degree entitles the student to continue with a Ph.D./doctoral programme if the total grade is above average.

- Admission Requirements Admission to the M.Sc. programme EnvEuro at Hohenheim is restricted to 10 students per year. Applicants require an above-average Bachelor of Science (B.Sc.) or equivalent degree in a natural science area such as Agricultural Sciences, Agricultural Biology, Biology, Environmental Sciences, Natural Resources or other following at least three years of university studies. Apart from grades and educational achievements, professional experience, motivation and other relevant activities (e.g. social, political) will be considered. Applicants whose native language is not English and who are not citizen of a country with English as official language have to provide a proof of proficiency in English (i.e. a minimum of 83 points in the internet-based TOEFL Test).
- Application Deadline The application deadline for Non-EU-citizens is 1<sup>st</sup> January each year and for EU-citizens it is 1<sup>st</sup> of June each year. Please note that EnvEuro starts each year in the end of August with a compulsory one-week intensive introduction course in Copenhagen. All students from the four partner universities are introduced to each other to ensure that all students across home universities and host universities will get to know each other.
- *Fees and Expenses* A registration fee (at present 115,05 € per semester) has to be paid by every student. Students are expected to cover their own living expenses, including housing, food, health insurance, study materials etc. (approx. 700 € month).

- Scholarships Unfortunately, the University of Hohenheim is neither in a position to provide scholarships nor to assist with the application procedure. Applications for grants should therefore be directed to the relevant organisations. Applicants wishing to obtain a grant are advised to request detailed information from the German Embassy or Consulate in their home country. It is generally advisable to apply for a scholarship and to secure confirmation well in advance.
- *Cost of Living* Students have to come up for their own living expenses. The standard of living is comparatively high and so is the cost of living. On estimate, a single student needs approximately Euro 700 per month. Apart from accommodation fees and food expenses, additional costs have to be taken into account, i.e. excursion fees, registration fees (see above), health insurance (which is a pre-requisite for registering with a German university), personal liability insurance, study material, etc.
- **Housing** Each student is responsible for finding accommodation for him-/herself. The University of Hohenheim cannot guarantee accommodation in dormitories due to lack of capacity. However, the University of Hohenheim offers assistance with looking for accommodation. This may help international students to fulfil visa requirements. Rent for a single-room apartment amounts to about Euro 250 to 400 per month, depending on the size of the flat and distance from the University or the city of Stuttgart.
- DormitoriesDormitories are located on the campus or walking distance to the campus. All<br/>rooms are furnished and equipped with internet access. Kitchen and Bath<br/>facilities have to be shared with other students. The rent varies in between 210<br/>and 270,-  $\notin$  per room per month, depending on the room and dormitory itself.<br/>A caution fee of 400,-  $\notin$  will have to be paid once in the beginning of the<br/>rental contract, in advance before moving in.
- *Visa Application* Students from outside the European Union have to apply for a visa in order to study in Germany. Applicants are strongly advised to contact the cultural department of the German Embassy or Consulate responsible for the city of residence as soon as the letter of admittance has been received. The letter of admittance will certify that knowledge of the German language is not required for participating in the Hohenheim Master programme.

The basic requirements for a student visa are the following: valid passport, photographs, proof of high school diploma / previous university study, letter of admittance from the University of Hohenheim and proof of a financing source for the duration of the study (or at least for the first year). As a prerequisite for obtaining a visa at least EUR 650 per month are required. Therefore, for the first year, applicants will have to prove a minimum availability of EUR 7,800 of own resources, unless some other financing source is at their disposal. In the latter case, one (or more) person(s) or sponsor(s) have to take official responsibility for all costs pertaining to the entire period of study.

Responsible Scientist	Prof. Dr. Andreas Fangmeier
and Mentor at UHOH	Department: Plant Ecology and Ecotoxicology
Contact	Programme Coordinator EnvEuro University of Hohenheim (790) 70593 Stuttgart Germany Tel. +49-(0) 711-459-23305 Fax +49-(0) 711-459-23315 E-mail: enveuro@uni-hohenheim.de http://www.uni-hohenheim.de/enveuro

# Block Periods 2013/2014

	Block	Period
<u> </u>	1	14.10 06.11.2013
Winter Semester	2	07.11 29.11.2013
Sem	3	02.12 20.12.2013
er (		+07.0108.01.2014
Vint	4	09.01 31.01.2014
	5	03.02 25.02.2014
or .	6	01.04 25.04.2014
Semester	7	28.04 21.05.2014
Sen	8	22.05 06.06.2014
ner		+ 16.06 24.06.2014
Summer	9	25.06 18.07.2014
SI	10	21.07 12.08.2014

**Important Advice for the Personal Time-Table:** Blocked modules will usually take place Monday to Friday from 2 p.m. to 6 p.m. Non-blocked modules will usually be taught in the morning. This shall enable students to combine blocked and unblocked modules. (Because of the limited number of lecture rooms, this aim can unfortunately not always be kept.) While working out your personal time-table, please be aware of the following facts: the morning is assigned for the personal preparation of the blocked modules too and the block periods B4, B5 and B9, B10 will have a relevant overlapping with the first examination period of the unblocked modules!

#### Please check module descriptions for how to register for participation in the module!

# **Blocked Modules and Periods 2014/2015**

From WS 14/15 on all blocked modules offered by the Faculties of Natural Sciences and Agricultural Sciences will have a duration of 4 weeks, an estimated workload of around 200 hours, and will result in 7,5 ECTS credits.

# Blocked Modules of the Faculty of Agriculture (draft!)

	Winter Semester 2	2014/15		(1. examinat	tion period of unbl	locked mod	lules: 09.	0227.02.15)
	Block 1 (13.107.11.)	Block 2 (10.115.12	Block 3 (8.1216.1.)	<b>Block 4</b> (19.113.2.)		Holie	day block(March)	
Ecol	• 3201-560 (Schurr) Landscape Ecology	• 3201-570 (Schurr) Community and Evolutionary Ecology		• 3201-800 (Schurr) Conservation Biology	• 3202-440 (Fangmeier) Plant Ecology		3003-410 (Schöne) Food Safety and Quality Chains	
л.	O 4904-460 (Berger) Fam			<b>4901-420</b> (Zeller) Poverty a evelopment Strategies	nd	Prüfung		
Econ.	○ <b>4904-430</b> (Berger) Land Use Economics ○ <b>4</b>			<b>4901-470</b> (Zeller) Quant. Me	eth. i. Econom.	Prüfung		
Animal Sc.							Biologi Gented • 4502 Futterv	2-500 (Beyer) sche Sicherheit und chnikrecht 2-410 (Mosenthin) vertbeurteilung, FM- iologie und
	Summer Semester	2015		(1. examinat	tion period of unbl	locked mod	lules: 27.	0714.08.15)
	Block 1 (13.48.5.)	Block 2 (11.512.6.)	)	Block 3 (15.610.7.)	<b>Block 4</b> (13	.077.8.)	by a	rrangement
Crop S	• 3803-470 (Asch) Interdisciplinary Practical Science Traíning (AgriTropics only!)	○ <b>3801-430</b> (Cadisch) Integrated Agricultural Production Systems		○ <b>3803-450</b> (Asch) Crop Production Affecting the Hydrological Cycle	○ <b>3803-430</b> (A Ecophysiology Crops in the T-	of		<b>3-500</b> (Zebitz) ses in Biological ontrol
Engin.		<ul> <li>4403-580 (Müller, J.</li> <li>Water and Soil Management in Agric.</li> <li>Production</li> </ul>	<i>,</i>	○ 4403-470 (Müller, J.) Renewable Energy f. Rural Areas	<ul> <li>4403-550 (M Postharvest Te of Food and Big Prod.</li> </ul>	chnology		
S +		○ <b>4801-430</b> (Valle Zárate) Livestock Breeding Programmes 		○ <b>4802-450</b> (Dickhöfer) Quant. Meth. in Anim. Nutrition +Veget. Scienc.	○ 4801-420 (V Zárate) Promot Livestock in Tro Environm.	tion of		
Animal T				○ <b>4602-450</b> (Hölzle) Food Safety a. Drinking Water Quality related to Zoonoses in the T+S				
Soc.				<ul> <li>4901-430 (Zeller)</li> <li>Rural Development</li> <li>Policy and Institutions</li> </ul>	○ <b>4303-480</b> (L Global Nutritior			
		3802-420 (Sauerbor Biodiversity, Plant and Animal Gen. Resource						
Ecology	<ul> <li>€ 3201-620</li> <li>(Schmieder) Vegetation and Soils of Central Europe</li> </ul>	• <b>3201-590</b> (Schurr) Combining Ecological Modells and Data		• <b>3101-570</b> (Hermann) Field Course Soils and Vegetation	● 3201-600 (S Intensive Cours Landscape Eco	se		
cienc.	<ul> <li>3103-450 (Streck)</li> <li>Spatial Data Analysis</li> <li>with GIS</li> </ul>	<ul> <li>3102-440 (Kandeler)</li> <li>Environmental Pollution and Soil Organisms</li> </ul>	·	<ul> <li>3101-580 (Rennert)</li> <li>Bodenschutz, Boden- bewertung, -sanierung</li> </ul>	<ul> <li>3103-460 (S Environmental Science Project</li> </ul>	,		2-420 (Kandeler) wissenschaftliches ment
Soil Scienc.	• 3102-450 (Kandeler)       • 3101-560 (Rennert)         Molecular Soil Ecology       Soils of the World			• 3101-430 (R Interdiscipl. Ad Project (Engl.+	v.Soil Śc.			
res	<ul> <li><b>4701-490</b> (Stefanski)</li> <li>Verhaltensbiologie</li> </ul>	<b>4702-510</b> (Bennewitz Zuchtplanung und Zuchtpraxis i. d	<u>z</u> )	4701-480 (Stefanski) Verhaltensphysiologie und Immunobiologie	<b>€ 4501-450</b> (Rodehuts.) Sp Ernähr. Wieder	käuer		
l Sciences	<b>4502-430</b> (Mosenthin) Methoden zur Analytik	<b>₹7301-410</b> (Rosenkran Bienen	ız)		4602-490 (H Spezielle Tierh	ölzle)		
Animal 3	u. Qualitätsbeurt. von Futtermitteln	4601-410 (Amselgru Angew. Anatomie und klinische Umethoden	,					

### Please check the module descriptions for how to register for participation in these modules!

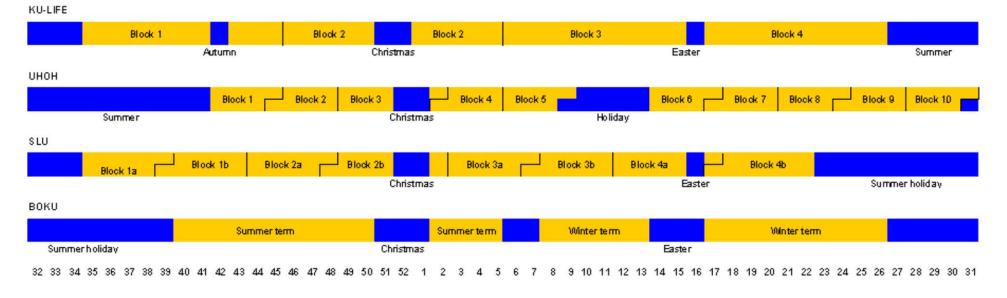
# **Blocked Modules Summer Semester 2014**

E Compulsory	I = Semi-elective	⊖= Elec	tive			
Period	<b>6</b> (17 days)	<b>7</b> (17 days)	<b>8</b> (17 days)	<b>9</b> (17 days)	<b>10</b> (17 days)	
	01.04 25.04.2014	28.04. –	22.05 06.06.2014 +	25.06	21.07	by Arrangement
Study Course	(unbl: 07.04.!)	21.05.2014	16.06 24.06.2014	18.07.2014	12.08.2014	
M. Sc. AgEcon		<ul> <li>4101-410 (Lippert) Environmental and Resource Economics</li> </ul>	● 4201-410 (Grethe) Agricultural and Food Policy	<ul> <li>4903-500 (Birner) Poli- cy Processes in Agric. + Nat. Resource Manag.</li> </ul>	<ul> <li>4903-470 (Birner) Qual. Research Methods</li> <li>4902-430 (Brockmeier)</li> </ul>	
M. Sc. AgriTropics	<ul> <li>3803-470 (Asch)</li> <li>Interdisciplinary Practical Science Training (AgriTropics only!)</li> </ul>	<ul> <li>4901-430 (Zeller) Rural Development Policy and Institutions</li> <li>3801-430 (Cadisch) Integrated Agricultural Production Systems</li> </ul>	<ul> <li>✓ 4201-410 (Grethe) Agricultural and Food Policy</li> <li>✓ 3802-420 (Sauerborn)</li> <li>Biodiversity, Plant and</li> <li>Animal Gen. Resources</li> <li>✓ 4403-550 (Müller, J.)</li> </ul>	<ul> <li>4403-470 (Müller, J.) Renewable Energy f. Rural Areas</li> <li>4801-420 (Valle Zárate) Promotion of Livestock in Trop. Environments</li> </ul>	<ul> <li>○ 4902-430 (Brockmeier) Food and Nutrition Security</li> <li>○ 3803-430 (Asch) Ecophysiology of Crops in the T+S</li> </ul>	
			Postharvest Technology of Food and Bio-Based Prod. <b>4802-450</b> (Dickhöfer) Quant. Meth. in Anim. Nutrition + Veget. Scienc.		<ul> <li>○ 4602-450 (Hölzle)</li> <li>Food Safety a. Drinking</li> <li>Water Quality related to</li> <li>Zoonoses in the T+S</li> <li>→ 3501-480 (Melchinger)</li> <li>Breed. of Trop., Ornamental, and Vegetable Plants</li> </ul>	
M. Sc. Crop Sciences	O 4407-430 (Griepentrog) Precision Farming		● 3602-460 (Gerhards) Information Technologies and Expert Systems	O 3501-480 (Melchinger) Breed. of Trop., Ornamen tal, and Vegetable Plants	<ul> <li>3603-500 (Zebitz)</li> <li>Exercises in Biological</li> <li>Pest Control</li> </ul>	
M. Sc. EnviroFood	<ul> <li>3102-440 (Kandeler)</li> <li>Environmental Pollution and Soil Organisms</li> </ul>	● 3103-450 (Streck) Spatial Data Analysis with GIS	<ul> <li>3802-420 (Sauerborn) Biodiversity, Plant and Animal Gen. Resources</li> <li>4403-550 (Müller, J.) Postharvest Technology of Food &amp; Bio-Based Prod.</li> </ul>	<ul> <li>3103-460 (Streck)</li> <li>Environmental Science Project</li> <li>4403-470 (Müller, J.)</li> <li>Renewable Energy for Rural Areas</li> </ul>		
M. Sc. EnvEuro (first year)	<ul> <li>○ 3102-440 (Kandeler)</li> <li>Environmental Pollution and Soil Organisms</li> </ul>	● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS	<ul> <li>3802-420 (Sauerborn) Biodiversity, Plant and Animal Gen. Resources</li> <li>4201-410 (Grethe) Agricultural and Food Policy</li> <li>3101-460 (N.N.)</li> </ul>	<ul> <li>3103-460 (Streck)</li> <li>Environmental Science Project</li> <li>4403-470 (Müller, J.)</li> <li>Renewable Energy for Rural Areas</li> <li>3101-430 (N.N.) Inter-</li> </ul>		
M. Sc. OrganicFood		<ul> <li>4801-480 (Valle Zára- te) Organic Livestock Farming and Products</li> </ul>	Mapping Course	discipl. Adv.Soil Science		

Please check module descriptions to find out how to register for participation in the respective module (<u>https://www.uni-hohenheim.de/modulkatalog.html</u>).

# Unblocked Modules taught in English at the Faculty of Agricultural Sciences

	= Coi	mpai	001)	/	• -	Semi-elective $\bigcirc$ = Elective
AgEcon		Crop Sciences			Organic- Food	
0	0	0			0	1201-410 (Wulfmeyer) Remote Sensing
						1201-580 (Wulfmeyer) Physics of the Earth System
-	-	-	•	-	-	<b>3005-410</b> (Fangmeier) Environmental Management in Europe (for EnvEuro only!)
0	Ф (	Φ	$\cap$	$\oplus$	$\oplus$	<b>3101-450</b> (Stahr) Major Pedological Field Trip (English + German)
0	0	0	0	0	0	<b>3102-420</b> (Kandeler) Project in Soil Sciences (English + German)
0	0	0	0	0	0	<b>3102-450</b> (Kandeler) Molecular Soil Ecology <b>3301-450</b> (Müller, T.) Soil Fertility and Fertilisation in Organic Farming
0	0	0	0	0	0	<b>3301-470</b> (Müller, T.) Fertilisation and Appl. Soil Chemistry in the T+S ( <i>e-learning</i> !)
0	0		0	0	0	<b>3302-450</b> (Neumann) Plant Symbioses for Nutrient Acquisition
0	0	Ì		0	0	<b>3302-460</b> (Ludewig) Plant Quality
0	0	Ò		0	0	<b>3401-470</b> (Claupein) Crop Physiology
0	•	0		0	0	<b>3402-420</b> (Piepho) Quantitative Methods in Biosciences
0	0	0		Ō	•	<b>3405-460</b> (Zikeli) Processing and Quality of Organic Food
0	0	0		0		3405-470 (Zikeli) Organic Food Systems and Concepts
-	-	-	-	-		3405-500 (Zikeli) Principles of Organic Food Systems (for EurOrganic only!)
0	0			0	0	3501-470 (Melchinger) Selection Theory
		•				3502-440 (Schmid) Methods of Scientific Working for Crop Sciences
0	0			0	0	3502-450 (Schmid) Population and Quantitative Genetics
0	0			0	0	3504-430 (Kruse) Seed Research
0	0			0	0	3601-450 (Vögele) Phytopathology
0	0			0	0	3602-450 (Gerhards) Molecular Aspects of Plant Protection
0	0			0	0	3603-480 (Zebitz) Entomology
0	0	0		•	•	<b>4201-440</b> (Grethe) Economics and Environmental Policy
0	0	0	0	0	•	<b>4303-440</b> (I.V. Lemke) Social Conditions of Organic and Sustainable Agriculture <b>4303-490</b> (I.V. Lemke) Ethics of Food and Nutrition Security
0	0	0	0	$\cup$	$\cup$	<b>4404-450</b> (Köller) Innovations in Agriculture
0						<b>4404-430</b> (Note) Innovations in Agriculture
		$\cap$	4	4	$\cap$	
	0	0		•	0	<b>4406-410</b> (Kranert) Waste Management and Waste Techniques <b>4904-410</b> (Berger) Agricultural Economics Seminar
	0			0		<b>4406-410</b> (Kranert) Waste Management and Waste Techniques <b>4904-410</b> (Berger) Agricultural Economics Seminar
Econ	- Agri- Tropics	Lrop Ociences	▲ EnvEuro	- Enviro- Food	0	<ul> <li>4406-410 (Kranert) Waste Management and Waste Techniques</li> <li>4904-410 (Berger) Agricultural Economics Seminar</li> <li>Unblocked Modules in Summer Semester 2014 (April - July)</li> <li>3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro !)</li> </ul>
<ul> <li>→ AgEcon</li> </ul>	<ul> <li>Agri-</li> <li>Tropics</li> </ul>	⊖ I Crop Sciences ○	○ ◆ EnvEuro	<ul> <li>− Enviro- Food</li> </ul>	<ul> <li>Organic-</li> <li>Food</li> </ul>	<ul> <li>4406-410 (Kranert) Waste Management and Waste Techniques</li> <li>4904-410 (Berger) Agricultural Economics Seminar</li> <li>Unblocked Modules in Summer Semester 2014 (April - July)</li> <li>3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro !)</li> <li>3101-440 (Stahr) Soil Genesis, Classification and Geography (English + German)</li> </ul>
⊕ O I AgEcon ■	⊕ ⊖ i Agri- Tropics ⊖	⊕ ⊖ ⊦ Crop ⊖	⊕ ⊖ ➡ EnvEuro	⊕ ○ - Enviro- Food	⊕	<ul> <li>4406-410 (Kranert) Waste Management and Waste Techniques</li> <li>4904-410 (Berger) Agricultural Economics Seminar</li> <li>Unblocked Modules in Summer Semester 2014 (April - July)</li> <li>3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro !)</li> <li>3101-440 (Stahr) Soil Genesis, Classification and Geography (English + German)</li> <li>3101-450 (Stahr) Major Pedological Field Trip (English + German)</li> </ul>
<ul> <li>☐ AgEcon</li> </ul>	<ul> <li>Agri-</li> <li>Tropics</li> </ul>	⊖ I Crop Sciences ○	O Ф O ➡ EnvEuro	○ ⊕ ○ - Enviro- Food	<ul> <li>Organic-</li> <li>Food</li> </ul>	<ul> <li>4406-410 (Kranert) Waste Management and Waste Techniques</li> <li>4904-410 (Berger) Agricultural Economics Seminar</li> <li>Unblocked Modules in Summer Semester 2014 (April - July)</li> <li>3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro !)</li> <li>3101-440 (Stahr) Soil Genesis, Classification and Geography (English + German)</li> <li>3101-450 (Stahr) Major Pedological Field Trip (English + German)</li> <li>3102-420 (Kandeler) Project in Soil Sciences (English + German)</li> </ul>
○ ⊕ ○ • AgEcon ●	○ ⊕ ○ · Agri- Tropics ○	ΟΦΟ <b>Crop</b> Ο		ΟΟΦΟ <b>Εnviro-</b> Ο Food	○ ⊕ ○ · Organic- ○	<ul> <li>4406-410 (Kranert) Waste Management and Waste Techniques</li> <li>4904-410 (Berger) Agricultural Economics Seminar</li> <li>Unblocked Modules in Summer Semester 2014 (April - July)</li> <li>3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro !)</li> <li>3101-440 (Stahr) Soil Genesis, Classification and Geography (English + German)</li> <li>3101-450 (Stahr) Major Pedological Field Trip (English + German)</li> <li>3102-420 (Kandeler) Project in Soil Sciences (English + German)</li> <li>3103-500 (Streck) Energy and Water Regime at the Land Surface</li> </ul>
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● <b>AgEcon</b> • <b>AgEcon</b> • <b>O</b> ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<ul> <li>O</li> <li>O</li> <li>O</li> <li>O</li> <li>O</li> <li>Crop Sciences</li> <li>O</li> </ul>	■ ○ ○ ○ ● EnvEuro	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	□ ○ ○ ● ○ ○ ○ ⊕ ○ · Organic- ○	<ul> <li>4406-410 (Kranert) Waste Management and Waste Techniques</li> <li>4904-410 (Berger) Agricultural Economics Seminar</li> <li>Unblocked Modules in Summer Semester 2014 (April - July)</li> <li>3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro !)</li> <li>3101-440 (Stahr) Soil Genesis, Classification and Geography (English + German)</li> <li>3101-450 (Stahr) Major Pedological Field Trip (English + German)</li> <li>3102-420 (Kandeler) Project in Soil Sciences (English + German)</li> <li>3103-500 (Streck) Energy and Water Regime at the Land Surface</li> <li>3301-470 (Müller, T.) Fertilisation and Appl. Soil Chemistry in the T+S (e-learning!)</li> <li>3401-450 (Claupein) Organic Plant Production</li> <li>3402-450 (Piepho) Advanced Statistical Methods for Metric and Catagorical Data</li> <li>3405-450 (Zikeli) Problems and Perspectives of Organic Farming</li> </ul>
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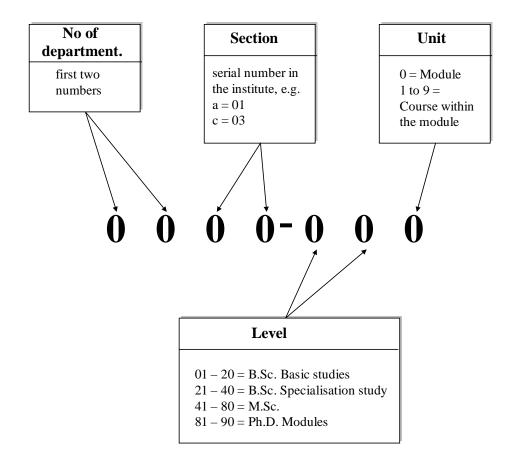


# Scheme showing the semester structures at the four partner universities during all calendar weeks

Holiday

Semester

# **Explanation of Module Code**



# **Lecture Periods at UHOH**

	First day of blocked modules:	( <u>14. кw</u> ) Tuesday, 01.04.2014
SS 14	First day of <u>un</u> blocked modules:	( <u>15. KW</u> ) Monday, 07.04.2014
SS	Last day of <u>un</u> blocked modules:	( <u>29. кw</u> ) Saturday,19.07.2014
	Last day of blocked modules:	( <u>33. KW</u> )Tuesday, 12.08.2014
	First day of <u>un</u> blocked modules:	(42. KW) Monday, 13.10.2014
[4/1;	First day of blocked modules:	(42. KW) Monday, 13.10.2014
WS 14/15	Last day of <u>un</u> blocked modules:	(6. кw) Saturday, 07.02.2015
	Last day of blocked modules:	(7. KW) Friday, 13.02.2015

**Free of lectures:** Easter holidays: 18.04. – 21.04.2014, Labour Day: 01.05.2014, Ascension Day: 29.05.2014, Pentecost holidays: 10.06.2014 –14.06.2014 (except excursions), Feast of Corpus Christi: 19.06.2014. The "Dies Academicus" (04.07.2014) will be free of lectures too!

# **Examination periods in summer semester 2014**

B.Sc. and M.Sc. period 1:	calendar week 30 to 32
B.Sc. and M.Sc.: period 2:	calendar week 39 to 41
Deadline for the registration for exams:	is fixed by the examination office

Examination periods in winter semester 2014/15

B.Sc. and M.Sc. period 1:	calendar week 7 to 9
B.Sc. and M.Sc.: period 2:	calendar week 13 to 14
Deadline for the registration for exams:	is fixed by the examination office

Questions concerning the examination regulations, the study and examination plan, withdrawal or transcripts of records are answered at the examination office and the exact dates of the module examinations are posted at the online notice-board of the examination office at: (https://www.uni-hohenheim.de/pruefung.html?&L=1).