UNIVERSITÄT HOHENHEIM

FAKULTÄT AGRARWISSENSCHAFTEN

Curriculum

Master of Science
Agricultural Sciences in the Tropics and Subtropics

September 2010

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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 „Agricultural Sciences in the Tropics and Subtropics“. It contains information about the course structure, summarises the most important exam regulations.

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 supplied without liability.

If in doubt, please refer to the coordinator of the programme (masterpr@uni-hohenheim.de) to obtain up-to-date information. For up-to-date module descriptions please refer to the web-pages at www.uni-hohenheim.de/modulkatalog. The entire course catalog is also available via the homepage of the university (www.uni-hohenheim.de)

Table of Contents

The Master Programme *Agricultural Sciences in the Tropics and Subtropics*

Programme - Objectives and Conditions

The population of our world is now 6 billion and rising fast. In order to pro - vide food for ourselves and our children in the years to come, we will need to understand and manage ever more complex and diverse agricultural and ecological systems to enable more efficient and sustainable food production in a resource protecting way. This will be particularly true for developing countries in tropical and sub-tropical regions where the population is increasing most rapidly and resources are most limiting.

Any attempts to tackle the problems must involve the application of all branches of Agricultural Sciences in ways that will carefully: analyse existing food production systems, develop sound strategies to safeguard natural resources, and provide new, sustainable and adaptable techniques for farmers to use.

To meet this demand the Master Programme Agricultural Sciences in the Tropics and Subtropics (AgriTropics) was developed in cooperation with international agricultural research and development organisations. A programme advisory board meets frequently in order to support the programme in their focus on educating students for the challenging task in international agriculture and resource conservation. Students of all nationalities acquire analytical skills and multidisciplinary competence, to address current and future problems in agricultural ecosystems.

The M.Sc. Programme "Agricultural Sciences in the Tropics and Subtropics" was awarded by the German Academic Exchange Service (DAAD) with the quality label "TOP 10 International Master's Degree Courses Made in Germany" in 2008.

Programme Design

The two year M.Sc. programme consists of 15 modules (including one with practical science training) and one research semester, during which a Master Thesis has to be done. Eight of the modules are compulsory. In order to allow students to create an individual profile, seven elective modules can be chosen from the list of all master modules of the Faculty of Agriculure. Particularly recommended modules are listed on page 5. Upon application, examination achievements of up to 30 credits can be recognised. The full programme has an extent of 120 ECTS.

	1. Semester	**2. Semester**	**3. Semester**	**4. Semester**
6 Credits	**4901-420** (Zeller) Poverty and Development Strategies	**3803-470** (Asch) Interdisciplinary Practical Science Training	**3402-420** (Piepho) Quantitative Methods in Biosciences	**Master Thesis** (30 credits)
6 Credits	**3802-410** (Sauerborn) Ecology and Agroecosystems	**4903-460** (N.N.) Methods in Interdisciplinary Collaboration	Elective module	
6 Credits	**4403-530** (Müller, J.) Natural Resource Management	Elective module	Elective module	
6 Credits	**3801-420** (Cadisch) Crop Production Systems	Elective module	Elective module	
6 Credits	**4801-450** (Valle Zárate) Livestock Production Systems and Develop.	Elective module	Elective module	

This programme structure ensures a solid education in Agricultural Sciences in the Tropics and Subtropics but also allows students to get trained according to their own career aspirations. The programme can be started in October (winter semester) each year.

Modules

The programme follows a modular course structure. A typical semester consists of five modules. Most 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. 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 timetable, 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!

The **compulsory modules** are:

Sem	Modules		Block	Exam	Professor
1	4901-420	Poverty and Development Strategies	B 1	written	Zeller
1	3802-410	Ecology and Agroecosystems	B 2	written	Sauerborn
1	4403-530	Natural Resource Management	B 3	written	Müller, J.
1	3801-420	Crop Production Systems	B 4	written	Cadisch
1	4801-450	Livestock Production Systems and Development	B 5	written	Valle-Zárate
2	3803-470	Interdisciplinary Practical Science Training	B 6	?	Asch
2	4903-460	Methods in Interdisciplinary Collaboration	unblocked	?	Birner
3	3402-420	Quantitative Methods in Biosciences	unblocked	written	Piepho

Particularly recommended elective modules (7 to choose):

Sem	Modules		Block	Exam	Professor
2	3801-430	Integrated Agricultural Production Systems	B 7	written	Cadisch
2	4801-410	Genetic Resources and Animal Husbandry Systems	B 7	written	Valle Zárate
2	4901-430	Rural Development Policies and Institutions	B 7	written	Zeller
2	3802-420	Biodiversity, Plant and Animal Genetic Resources	B 8	written	Sauerborn
2	4201-410	Agricultural and Food Policy	B 8	written	Grethe
2	4403-550	Post-Harvest Technology of Food and Bio-Based Products	B 8	written	Müller, J.
2	4801-420	Promotion of Livestock in Tropical Environments	B 8	written	Valle Zárate
2	4403-470	Renewable Energy for Rural Areas	B 9	written	Müller, J.

Sem	Modules		Block	Exam	Professor
2	4802-430	Integration of Aquaculture in Agricultural Farming Systems	B 9	written	Focken
2	4902-420	International Food and Agricultural Trade	B 9	written	Brockmeier
2	3803-430	Ecophysiology of Crops I n the Tropics and Subtropics	B 10	oral	Asch
2	4902-430	Food and Nutrition Security	B 10	written	Brockmeier
3	3301-450	Fertilisation and Applied Soil Chemistry in the Trop-ics and Subtropics	unblo-cked	oral + presen-tation	Müller, T.
3	4303-490	Ethics of Food and Nutrition Security	unblo-cked	?	Bellows
3	3101-410	Tropical Soils and Land Evaluation	B 1	oral	Stahr
3	4301-430	Rural Communication and Extension	B 1	written	Hoffmann
3	3803-440	Signalling in Plants under Stress	B 2	oral	Asch
3	4802-410	Intensive Aquaculture Sys-tems	B 2	written	Focken
3	4904-450	Farm and Project Evalua-tion	B 2	?	Berger
3	4801-430	Livestock Breeding Pro-grams – Planning Proce-dures and International Case Studies	B 3	written	Valle Zárate
3	4901-470	Quantitative Methods in Economics	B 3	written	Zeller
3	3405-410	Organic Farming in the Tropics and Subtropics	B 5	written	Zikeli
3	3501-440	Plant Breeding and Seed Science in the Tropics and Subtropics	B 4	written	Melchinger
3	3803-450	Crop Production Affecting the Hydrological Cycle	B 4	written	Asch
3	4802-420	Physiological and Ecologi-cal Aspects of Animal Nutri-tion in the Tropics and Sub-tropics	B 5	written	N.N.
3	3301-460	Exercises in Plant Nutrition	after B 5	written	Müller, T.

For the complete catalogue of modules offered by the faculty of Agricultual Sciences, refer to www.uni-hohenheim.de/modulkatalog. If the examination board agrees, up to 30 credits can be chosen from courses offered by other study programmes at the University of Hohenheim (see: www.uni-hohenheim.de/modulkatalog), or by another German university or by a foreign university. Modules which have already been examined may not be chosen for a second time.

Each module corresponds to a workload of 4 SWS (weekly contact hours per semester), totalling 56 contact hours per module, and in addition at least the same time for preparation at home, summing up to a total work-

load of about 140-180 hours for one module. It may consist of different forms of teaching (e.g. seminar, lecture, practical, excursions).

Course Catalogue

The Course Catalogue of the University of Hohenheim is available at the beginning of each semester online at the university's homepage: www.uni-hohenheim.de. By the name of the courses of the module, the courses can be located inside the Course Catalogue of the University of Hohenheim, times and lecture rooms of all courses can be found, and a personal timetable can be worked out. Mind: several non-blocked modules within that catalogue consist of more than one course. All modules, their courses and responsible lecturers are described in the catalogue of course contents.

Course Contents

For the contents of all modules see: www.uni-hohenheim.de/modulkatalog

Credit Point System

With each completed module the students earn 6 credits for the workload associated with each module. The M.Sc. programme has a requirement of 120 credits in total. The examination result is expressed in grade points. The highest score is 4.0. A score of 1.0 is required for passing.

Credits are multiplied with the grade points achieved to derive the number of credit points obtained. In order to calculate the grade point average, the total number of credits collected divides the total number of credit points obtained in all modules.

The credit point system used in the M.Sc. programme is fully compatible with the European Credit Transfer System, ECTS.

	Grade- points and grades		
	grades		*grade-points*
excellent performance	*very good*	A	4,0
		A-	3,7
performance considerably exceeding the above average standard	*good*	B+	3,3
		B	3,0
		B-	2,7
performance meeting the average standard	*medium*	C+	2,3
		C	2,0
		C-	1,7
performance meeting minimum criteria	*pass*	D+	1,3
		D	1,0
performance not meeting minimum criteria	*fail*	F	0

Study and Examination Plan

Students have to seek advice of one of the mentors of the programme on which elective modules are suitable for their individual profile. During the first semester of study the candidate must have the study plan approved in which all chosen modules are mentioned. The study plan has to be signed by a mentor before it is handed in to the examination office. Changes in Modules will have to be accomplished by the responsible mentor. After 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. Students will be registered by signature automatically for the compulsory modules offered in the first and second semester. The registration for elec-

tive modules will take place at the end of the first semester through filling in an official form.Withdrawal on the first trial of each module's 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 6 modules has not been passed successfully until the end of the second semester
- an examination of the compulsory modules has not been passed by the end of the third semester at the latest
- an examination of the elective modules has not been passed by the end of the sixth semester at the latest
- one out of 15 modules needs 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 deadline. 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 and a leaflet on registration (see: https://pruefungsamt.uni-hohenheim.de) 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; 0 grade-points).

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 "Agricultural Sciences in the Tropics and Subtropics" within a fixed period of time by applying scientific methods. The exam consists of a written (thesis) and an oral (defense) part. After marking 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. Depending on the chosen modules there might be cases where the third semester is more appropriate. Thesis work includes a literature review, new and original data derived from field work, a period of writing-up and, finally, a presentation. This work can be carried out either at Hohenheim University or at one of the various partner universities.

Important information concerning the topic of the master thesis: According to the examination regulations the candidate may choose a topic of a subject field of compulsory or elective modules, which he/she attended. The topic cannot be chosen of a subject field of an additional module.

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.

Academic calendar

In the winter semester (WS) courses usually begin in week 42 and end in week 5 or 6 of the new year. In the summer semester (SS) courses begin in week 14 or 15 and end in week 28 or 29. Blocked modules of the WS

usually begin in week 42, those of the SS in week 13 or 14. In each semester for unblocked modules the lecture period is followed by an examination period of three weeks. This examination period of the unblocked modules usually corresponds with the last block period of each semester.

Teaching Staff & Mentoring

Most modules are organised and taught by professors of the University of Hohenheim, who have broad experience in international research. Students also benefit from Hohenheim's active links with academic partners worldwide. Guest speakers from partner universities as well as research, development and policy institutions cover additional topics, and thus enrich the curriculum with special fields of expertise.
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 a mentor before it is handed in to the examination office. Changes of modules are possible but have to be approved by the responsible mentor. Mentors are:

- Prof. Dr. Folkard Asch, Management of Crop Water Stress in the Tropics and Subtropics (380)
- Prof. Dr. Thomas Berger, Land Use Economics in the Tropics and Subtropics (490)
- Prof. Dr. Regina Birner, Department of Agricultural Economics and Social Sciences in the Tropics and Subtropics (490)
- Prof. Dr. Georg Cadisch, Agronomy in the Tropics and Subtropics (380)
- Prof. Dr. Joachim Müller, J., Agricultural Engineering in the Tropics and Subtropics (440)
- N.N., (480)
- Prof. Dr. Joachim Sauerborn, Agroecology in the Tropics and Subtropics (380)
- Prof. Dr. Anne Valle Zárate, Animal Breeding and Husbandry in the Tropics and Subtropics (480)
- Prof. Dr. Manfred Zeller, Rural Development Economics and Policy (490)

Study Abroad

Our credit point system is intended to facilitate the mutual acceptance of courses attended at different universities. Assessment is based on the European Credit Transfer System (ECTS), which facilitates such kind of international mobility.

Degree

After successful completion of all modules as well as the thesis, the student is awarded the degree "Master of Science" (M.Sc.). This degree entitles the student to continuing with a Ph.D./doctoral programme if the total grade is above average.

Responsible Scientist

Prof. Dr. Folkard Asch
Management of Crop Water Stress in the Tropics and Subtropics

Contact

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Block Periods 2010/2011

	Block	Period
Winter Semester	1	18.10. – 10.11.2010
	2	11.11. – 03.12.2010
	3	06.12. – 12.01.2011
	4	13.01. – 07.02.2011
	5	08.02. – 02.03.2011
Summer Semester	6	04.04. – 28.04.2011
	7	29.04. – 23.05.2011
	8	24.05. – 17.06.2011
	9	20.06. – 13.07.2011
	10	14.07. – 05.08.2011

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 un-blocked modules!

Please register 3 weeks before the respective block at the responsible institute!

Blocked Modules Winter Semester 2010/11

25.08.2010

● = Compulsory ◖ = Semi-elective ○ = Elective

Period / Study Course	**1** (17 days) **18.10. - 10.11.2010**	**2** (17 days) **11.11. - 03.12.2010**	**3** (17 days) **06.12. - 12.01.2011**	**4** (17 days) **13.01. - 07.02.2011**	**5** (17 days) **08.02. - 02.03.2011**	**by Arrangement**
M. Sc. AgEcon	● **4904-460** (Berger) Farm System Modelling		● **4902-410** (Brockmeier) Applied Econometrics	◖ **4301-410** (Hoffmann) Knowledge and Innovation Management	◖ **4201-420** (Grethe) Advanced Policy Analysis Modelling	
	◖ **4901-420** (Zeller) Poverty and Development Strategies		◖ **4301-420** (Hoffmann) Organisational Development	◖ **4904-430** (Berger) Land Use Economics		
M. Sc. AgriTropics	● **4901-420** (Zeller) Poverty and Development Strategies	● **3802-410** (Sauerborn) Ecology and Agroecosystems	● **4403-530** (Müller, J.) Natural Resource Management	● **3801-420** (Cadisch) Crop Production Systems	● **4801-450** (Valle Zárate) Livestock Production Systems …	~~⊖ **4303-490** (Bellows) Ethics of Food and Nutrition Security~~ (unblocked!)
	○ **4301-430** (Hoffmann) Rural Communication and Extension	○ **4904-450** (Berger) Farm and Project Evaluation	○ **4901-470** (Zeller) Quantitative Methods in Economics	○ **3803-450** (Asch) Crop Production Affecting the Hydrological Cycle	○ **3405-410** (Zikeli) Organic Farming in the Tropics and Subtropics	
	○ **3101-410** (Stahr) Tropical Soils and Land Evaluation	○ **4802-410** (Focken) Intensive Aquacult. Systems	~~◖ **3301-430** (Müller, T.) Plant Nutrition and Soil Chemistry~~	○ **3501-440** (Melchinger) Plant Breeding and Seed Science in the T+S	○ **4802-420** (N.N.) Phys. and Ecol. Aspects of Animal Nutrition T+S	
		○ **3803-440** (Asch) Signalling in Plants under Stress	○ **4801-430** (Valle Zárate) Livestock Breeding Programmes …			
		~~⊖ **4801-420** (Valle Zárate) Promotion of Livestock~~ …				
M. Sc. Crop Sciences		◖ **3803-440** (Asch) Signalling in Plants under Stress	~~⊖ **3301-450** (Müller, T.) Fertilisation and Appl. Soil Chemistr~~. unblocked!	◖ **3501-460** (Melching.) Planning. of Breed. Prog. (or **after B5**) →	→	◖ **3301-460** (Müller, T.) Exercises in Plant Nutrition (**after B5**)
M. Sc. EnviroFood	VB● **4402-440** (Jungbluth) Agricultural Production and Residues	● **3202-410** (Fangmeier) Ecotoxicology and Environmental Analytics	● **3103-440** (Streck) Matter Cycling in Agro-Ecosystems	● **4602-460** (Böhm) Environmental Microbiology, Parasitology …	◖ **3004-410** (Tremp) Inland Water Ecosystems	
	VB● **1503-410** (Kohlus) Food Technology and Residues		~~◖ **4303-450** (Bellows) International Nutrition~~ unblocked!	◖ **3202-420** (Fangmeier) Global Change Issues	◖ **3003-410** (Schöne) Food Safety and Quality Chains (February 1 -11th, 6 hours per day)	◖ **3301-460** (Müller, T.) Exercises in Plant Nutrition (after B5)
	◖ **3202-430** (Fangmeier) Air Pollution and Air Pollution Control		◖ **4403-530** (Müller, J.) Natural Resource Management			
M. Sc. EnvEuro (first year and elective modules of second year)	○ **4402-440** (Jungbluth) Agricultural Production and Residues	○ **3202-410** (Fangmeier) Ecotoxicology and Environmental Analytics	● **3103-440** (Streck) Matter Cycling in Agro-Ecosystems	◖ **3803-450** (Asch) Crop Production Affecting the Hydrological Cycle	◖ **3004-410** (Tremp) Inland Water Ecosystems	
	○ **3202-430** (Fangmeier) Air Pollution and Air Pollution Control		~~⊖ **3301-450** (Müller, T.) Fertilisation and Appl. Soil Chem~~. unblocked!	○ **4602-460** (Hölzle) Environmental Microbiology, Parasitology …		
	○ **4904-460** (Berger) Farm System Modelling		○ **4403-530** (Müller, J.) Nat. Resource Managem.	◖ **3202-420** (Fangmeier) Global Change Issues		
	○ **4901-420** (Zeller) Poverty and Dev. Strategies			◖ **4904-430** (Berger) Land Use Economics		
	○ **3101-410**(Stahr) Trop. Soil and Land Evaluation					

Blocked Modules Summer Semester 2011

25.08.2010

●= Compulsory ◖ = Semi-elective ○= Elective

Period / Study Course	6 (17 days) 04.04. - 28.04.2011	7 (17 days) 29.04. - 23.05.2011	8 (17 days) 24.05. - 17.06.2011	9 (17 days) 20.06. - 13.07.2011	10 (17 days) 14.07. - 05.08.2011	by Arrangement
M. Sc. AgEcon		● **4101-410** (Dabbert) Environmental and Resource Economics	● **4201-410** (Grethe) Agricultural and Food Policy	◖ **4902-420** (Brockmeier) International Food and Agricultural Trade		
M. Sc. AgriTropics	● **3803-470** (Asch) Interdisciplinary Practical Science Traíning	○ **4901-430** (Zeller) Rural Development Policy and Institutions	○ **4201-410** (Grethe) Agricultural and Food Policy	○ **4902-420** (Brockmeier) International Food and Agricultural Trade	○ **4902-430 (**Brockmeier) Food and Nutrition Security	
	~~● **3802-410** (Sauerborn) Ecology and Agroecosystems~~ (B2!)	○ **3801-430** (Cadisch) Integrated Agricultural Production Systems	○ **3802-420** (Sauerborn) Biodiversity, Plant and Animal Gen. Resources	○ **4403-470** (Müller, J.) Renewable Energy f. Rural Areas	○ **3803-430** (Asch) Ecophysiology of Crops in the T+S	
		○ **4801-410** (Valle Zárate) Genetic Resources and Animal Husbandry Systems	○ **4403-550** (Müller, J.) Postharvest Technology of Food and Bio-Based Prod.	○ **4802-430** (Focken) Integration of Aquacult. in Agricult. Farm. Systems	○ **4602-450** (Hölzle) Food Safety a. Drinking Water Quality related to Zoonoses in the T+S	
			○ **4801-420** (Valle Zárate) Promotion of Livestock ...			
M. Sc. Crop Sciences	◖ **3602-460** (Gerhards) Information Technologies.. ○ **4404-410** (Köller) Precision Farming					
M. Sc. EnviroFood	◖ **3102-440** (Kandeler) Environmental Pollution and Soil Organisms	● **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **3802-420** (Sauerborn) Biodiversity, Plant and Animal Gen. Resources	● **3103-460** (Streck) Environmental Science Project		
	◖ **3802-410** (Sauerborn) Ecology and Agroecosystems		◖ **4403-550** (Müller, J.) Postharvest Technology of Food & Bio-Based Prod.	◖ **4403-470** (Müller, J.) Renewable Energy for Rural Areas		
M. Sc. EnvEuro (first year)	○ **3102-440** (Kandeler) Environmental Pollution and Soil Organisms	◖ **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **3802-420** (Sauerborn) Biodiversity, Plant and Animal Gen. Resources	◖ **3103-460** (Streck) Environmental Science Project		
	~~○ **3802-410** (Sauerborn) Ecology and Agroecosystems~~		◖ **4201-410** (Grethe) Agricultural and Food Policy	○ **4403-470** (Müller, J.) Renewable Energy for Rural Areas		
M. Sc. OrganicFood					● **4801-460** (Valle Zárate) Organic Livestock Farming and Products	
M. Sc. Saiwam (Hohenheim)	● **3101-520** (Stahr) Interdisciplinary Study Project	●**3103-450**(Streck) Spatial Data Analys.with GIS		● **4802-430** (Focken) Integration of Aquaculture in Agricult. Farming Systems		
		● **4901-430** (Zeller) Rural Dev. Policy and Instit.				

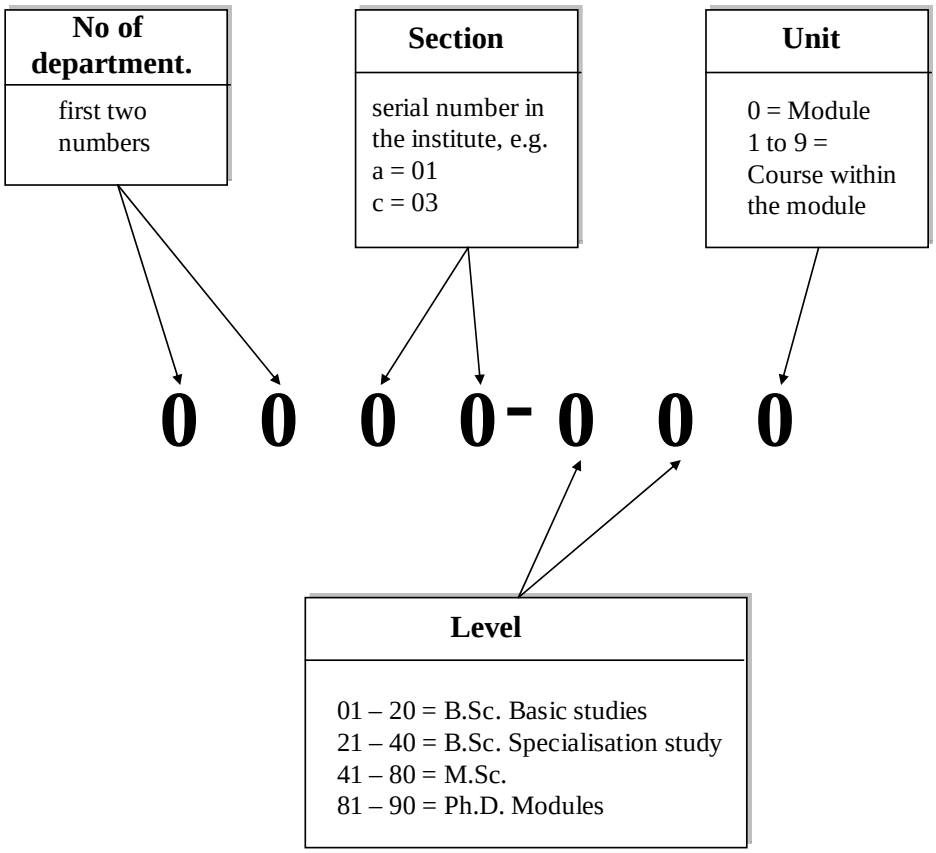
M. Sc. Saiwam (Chiang Mai)	Introduction	● **3101-510** (Stahr)	● **4901-460** (Zeller)	● **3703-420** (Wünsche)	● **4801-470** (Valle Zaraté)	● **4403-510** (Müller, J.)	

Unblocked Modules taught in English at the Faculty of Agricultural Sciences

● = Compulsory ◖ = Semi-elective ○ = Elective

AgEcon	Agri-Tropics	Crop Sciences	EnvEuro	Enviro-Food	Organic-Food	**Unblocked Modules in Winter Term** (October - February)
○	○	○	◖	◖	○	**1201-410** (Wulfmeyer) Remote Sensing
-	-	-	●	-	-	**3005-410** (Henriksen) Environmental Management in Europe ***(for EnvEuro only!)***
○	○	○		○	○	**3101-450** (Stahr) Major Pedological Field Trip (English + German)
○	○	○	○	○	○	**3102-420** (Kandeler) Project in Soil Sciences (English + German)
○	○	○	○	○	○	**3102-450** (Kandeler) Molecular Soil Ecology ***(will not be offered in WS 10/11!)***
○	○	○		○	○	**3301-440** (Müller, T.) Soil Fertility and Fertilisation in Organic Farming
○	○	○	○	○	○	**3301-450** (Müller, T.) Fertilisation and Appl. Soil Chemistry in the T+S
○	○	◖		○	○	**3302-450** (Neumann) Plant Symbioses for Nutrient Acquisition
○	○	◖		○	○	**3302-460** (N.N.) Plant Quality
○	○	●		○	○	**3401-470** (Claupein) Crop Physiology
○	●	○	●	○	○	**3402-420** (Piepho) Quantitative Methods in Biosciences
○	○	○		○	○	**3405-450** (Zikeli) Problems and Perspectives of Organic Farming
○	○	○		○	●	**3405-460** (Zikeli) Processing and Quality of Organic Food
○	○	○		○	●	**3405-470 (**Zikeli) Organic Food Systems and Concepts
○	○	◖		○	○	**3501-470** (Melchinger) Selection Theory
		●				**3502-440** (Schmid) Methods of Scientific Working for Crop Sciences
○	○	◖		○	○	**3502-450** (Schmid) Population and Quantitative Genetics
○	○	◖		○	○	**3504-430** (Kruse) Seed Research
○	○	◖		○	○	**3601-450** (Vögele) Phytopathology (***moved to WS!!!)***
○	○	◖		○	○	**3602-450** (Gerhards) Molecular Aspects of Plant Protection
○	○	◖		○	○	**3603-480** (Zebitz) Entomology
○	○	○		○	●	**4101-430** (Dabbert) Socioeconomics of Organic Farming
○	○	○	◖	●	○	**4201-440** (Grethe) Economics and Environmental Policy
○	○	○		○	●	**4303-440** (Bellows) Social Conditions of Organic and Sustainable Agriculture
○	○	○	○	○	○	**4303-490** (Bellows) Ethics of Food and Nutrition Security
○	●	○		○	○	**4403-480** (Asch) Interdisciplinary Case Study ***(enrolment before WS 10/11)***
○	○	○	◖	◖	○	**4406-410** (Kranert) Waste Management and Waste Techniques
◖	○	○		○	○	**4904-410** (Berger) Agricultural Economics Seminar
AgEcon	**Agri-Tropics**	**Crop Sciences**	**EnvEuro**	**Enviro-Food**	**Organic-Food**	**Unblocked Modules in Summer Term** (April - July)
-	-	-	◖	-	-	**3005-420** (Henriksen) Climate Change Impacts, Adaptation a. Mitigation **(*EnvEuro !)***
○	○	○	○	○	○	**3101-430** (Stahr) Interdisciplinary Advanced Soil Science Project (*English + German*)
○	○	○	○	○	○	**3101-440** (Stahr) Soil Genesis, Classification and Geography (*English + German*)
○	○	○	○	○	○	**3101-450** (Stahr) Major Pedological Field Trip (*English + German*)
○	○	○	◖	○	○	**3101-460** (Stahr) Mapping Course: Soils and Vegetation (*overlapping B7* ***and*** *B8!*)
○	○	○	○	○	○	**3102-420** (Kandeler) Project in Soil Sciences (*English + German*)
⊖	⊖	⊖		⊖	⊖	~~**3201-410** (Böcker) Field Course in Site Ecology (Meteorology, Soil Ecology, Vegetation Ecology) with Seminar (*English + German*)~~
○	○	○	◖	○	○	**3401-450** (Claupein) Conservation Agriculture
○	○	○		○	●	**3401-460**(Claupein) Organic Plant Production
○	○	●		○	○	**3402-430** (Piepho) Bioinformatics
○	○	○		○	●	**3405-490** (Zikeli) ~~Organic Food Chain~~ Project in Organic Agricult. and Food Systems
○	○	◖		○	○	**3501-450** (Melchinger) Breeding Methodology
⊖	⊖	⊖		⊖	⊖	~~**3602-460** (Gerhards) Information Technologies and Expert Systems~~ .. (blocked B6)
○	○	○		○	○	**3603-420** (Zebitz) Crop Protection in Organic Farming
○	○	◖		○	○	**3603-470** (Zebitz) Ecology of Insects (***moved to SS!!!)***
○	○	◖		○	○	**3703-430** (Wünsche) Crop – Environment Interactions
-	●	-	-	-	-	**4903-460** (Birner) Methods in Interdisciplinary Collaboration ***(for AgriTropics only!)***
●	○	○		○	○	**4202-420** (Becker. T.) Microeconomics
○	○	○		○	●	**4202-440** (Becker. T) Markets and Marketing of Organic Food
◖	○	○		◖	○	**4303-470** (Bellows) Gender, Nutrition, and Right to Food
○	○	○		◖	○	**4303-480** (Bellows) Global Nutrition

Explanation of Module Code



Day / Hour	Monday	Thuesday	Wednesday	Thursday	Friday
8 - 9					
9 – 10					
10 – 11					
11 – 12					
12 – 13					
13 – 14					
14 – 15					
15 – 16					
16 – 17					
17 – 18					

Lecture Periods

WS 10/11	**First day:**	(42. KW) Monday, 18.10.2010
	Last day of un-blocked modules:	(5. KW) Saturday, 05.02.2011
	End of Block B5	Wednesday, 02.03.2011
SS 11	**Start of Block B6**	Monday, 04.04.2011
	First day of un-blocked modules:	(14. KW) Monday, 04.04.2011
	Last day of un-blocked modules:	(28. KW) Saturday,16.07.2011
	End of Block B10	Friday, 05.08.2011

Christmas holidays 2010/11: 27.12.2010 – 08.01.2011 (blocks: 24.12. – 08.01.)
Easter holidays 2011: 22. – 25.04.2011
Pentecost holidays 2011: 14.06.2011 –18.06.2011 (except excursions+block 8+9)
The "Dies Academicus" (date not yet known!) will be free of lectures too!

Examination periods in winter semester 2010/11

B.Sc. and M.Sc. period 1: calendar week 6 to 8
B.Sc. and M.Sc.: period 2: calendar week 11 to 13
Deadline for the registration for exams: see notice-board of examination office

Examination periods in summer semester 2011

B.Sc. and M.Sc. period 1: calendar week 29 to 31
B.Sc. and M.Sc.: period 2: calendar week 40 to 41
Deadline for the registration for exams: see notice-board of examination office

A registration form is available at 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**).