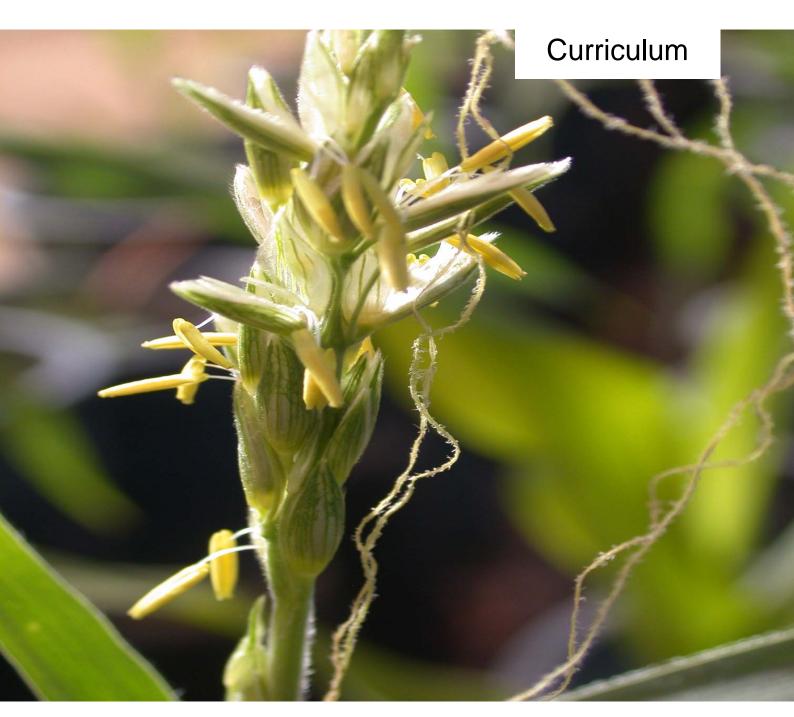
# UNIVERSITÄT HOHENHEIM FAKULTÄT AGRARWISSENSCHAFTEN

## **Crop Sciences Master of Science**



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### **Preamble**

This curriculum provides applicants and students as well as teaching and administrative staff with information about the M.Sc. programme "Crop Sciences". It contains information on the programme structure and summarizes the most important examination 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 provided without liability.

If in doubt, please refer to the co-ordinator of the programme (<a href="mailto:cropsciences@uni-hohenheim.de">cropsciences@uni-hohenheim.de</a>) to obtain up-to-date information. For up-to-date module descriptions please refer to the web-pages at <a href="https://www.uni-hohenheim.de/modulkatalog">www.uni-hohenheim.de/modulkatalog</a>. Time schedules and lecture halls of all courses offered at the university of Hohenheim, available at the beginning of each semester online on the university's homepage: <a href="https://www.uni-hohenheim.de">www.uni-hohenheim.de</a>.

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### The Master Programme ,,Crop Sciences"

#### **Programme Objectives**

The goal of crop sciences is to develop crops and cropping systems with highest possible efficiency in converting light and supplemental resource into food, feed, and fiber. Biological, physiological, molecular genetic and biometric principles are applied and graduates are prepared to develop cropping systems that are profitable and ecologically sustainable.

#### Programme Design

The two-year M.Sc. programme "Crop Sciences" comprises four semesters, during which fifteen thematic modules, three compulsory modules, five semi-elective, seven elective modules, and the Master Thesis have to be completed. That is a total of 15 modules over three semesters. One semester remains for the thesis work.

One of the following majors has to be chosen and upon request the title of the chosen major can be reported in the transcript of records.

- "Crop Physiology and Nutrition"
- "Plant Breeding and Seed Science"
- "Crop Protection"

The full programme has an extent of 120 ECTS and is constructed by 4 semesters each with 30 ECTS-credits. The language of instruction is English.

**Modules** 

Some modules are offered as blocked courses lasting three and a half weeks (B1 to B5 = winter semester, B6 – B10 = summer). Most modules 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. 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!

6 credits based on the European Credit Transfer System (ECTS) are awarded for each module. This corresponds to a workload of 4 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 workload of about 140-180 hours for each module including the time for exam preparation. A module may consist of different forms of teaching (e.g. seminar, lecture, practical exercise, excursion).

Course Catalogue

The Course Catalogue of University of Hohenheim is available at the beginning of each semester online at the university's homepage: <a href="www.uni-hohenheim.de">www.uni-hohenheim.de</a>. By the name of the courses of the modules (see page 10 and following pages), times and lecture rooms of all courses can be found inside the Course Catalogue of the University of Hohenheim, 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, course contents, and literature are described in the catalogue of course contents.

Course Contents

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

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 month of study each student's study and examination plan has to be approved by the respective personal mentor. In the study and examination plan all chosen modules have to be mentioned. Students submit their verified study plans to the examination office. Exchanges of modules need to be approved by the responsible mentor.

The modules of the programme are listed below. For details about contents, lecturers and methods of instruction refer to the module description site (www.uni-hohenheim.de/modulkatalog).

### The compulsory modules are:

Sem		Modules	Block	Exam	Professor
1	3401-470	Crop Physiology	unblocked	oral	Claupein
1	3502-440	Methods of Scientific Working for Crop Sciences	unblocked	written	Schmid
2	3402-430	Bioinformatics *	unblocked	written	Piepho

<sup>\*</sup> Contents of 3402-430 "Quantitative Methods in Biosciences" are required.

One of the following three majors (including all modules) has to be chosen:

Major: Crop Physiology and Nutrition (responsible scientist: LUDEWIG)

Sem		Modules	Block	Exam	Professor
1	3302-460	Plant Quality	unblocked	oral	Ludewig
1	3302-450	Plant Symbioses for	unblocked	oral	Neumann
		Nutrient Acquisition			
1/3	3301-460	Exercises in Plant	after	written	Müller, T.
		Nutrition	block 5		
2	3703-430	Crop – Environment	unblocked	oral	Wünsche
		Interactions			
2	3302-490	Rhizosphere Processes -	unblocked	oral	Neumann
		Nutrient Acquisition and			
		Stress Adaptations			
		of Higher Plants			

### Major: Plant Breeding and Seed Science (responsible scientist: SCHMID)

Sem		Modules	Block	Exam	Professor
1	3502-450	Population and	unblocked	written	Schmid
		Quantitative Genetics			
2	3501-450	Breeding Methodology	unblocked	written	Melchinger
3	3501-460	Planning of Breeding	block 4	written	Melchinger
	Programmes			with ICA	
3	3501-470 Selection Theory		unblocked	written	Melchinger
3	3504-430	Seed Research	unblocked	oral	Kruse

 $\overline{ICA} = in\text{-course}$  assessment

Major: Crop Protection (responsible scientist: VÖGELE)

Sem		Modules	Block	Exam	Professor
1	3603-480	Entomology	unblocked	written	Zebitz
1	3602-450	Molecular Aspects of Plant Protection	unblocked	written	Gerhards
(1)/3	3601-450	Phytopathology	Partly blocked in B5	written	Vögele
2	3602-460	Information Technologies and Expert Systems in Plant Protection	block 8	written	Gerhards
3	3603-470	Ecology of Insects	unblocked	written	Zebitz

The seven **elective modules** can be chosen from the other majors, from the listing below or from the modules of other Master programmes of the faculty of Agricultural Sciences of the University of Hohenheim.

### Stucture of major "Crop Physiology and Nutrition"

	1. Semester	2. Semester	3. Semester	4. Semester
6 Credits	3401-470 Crop Physiology	3402-430 Bioinformatics	Elective module	
6 Credits	3502-440 Methods of Scien- tific Working (for Crop Sciences)	3703-430 Crop – Environment Interactions	Elective module	sis )
6 Credits	3302-460 Plant Quality	3302-490 Rhizosphere Processes	Elective module	Master Thesis (30 credits)
6 Credits	3302-450 Plant Symbioses for Nutrient Acquisition	Elective module	Elective module	Ma (3
6 Credits	3301-460 Exercises in Plant Nutrition	Elective module	Elective module	

### Stucture of major "Plant Breeding and Seed Science"

	1. Semester	2. Semester	3. Semester	4. Semester
6 Credits	3401-470 Crop Physiology	3402-430 Bioinformatics	3501-460 Planning of Breeding Programmes	
6 Credits	3502-440 Methods of Scien- tific Working (for Crop Sciences)	3501-450 Breeding Methodology	3501-470 Selection Theory	sis )
6 Credits	3502-450 Population and Quantitative Genetics	Elective Module	3504-430 Seed Research	Master Thesis (30 credits)
6 Credits	Elective Module	Elective module	Elective module	M <sub>£</sub>
6 Credits	Elective Module	Elective module	Elective module	

### Stucture of major "Crop Protection"

	1. Semester	2. Semester	3. Semester	4. Semester
6 Credits	3401-470 Crop Physiology	3402-430 Bioinformatics	3603-470 Ecology of Insects	
6 Credits	3502-440 Methods of Scientific Working (for Crop Sciences)	3602-460 Information Technologies and Expert Systems in Plant Protection	3601-450 Phytopathology	esis S)
6 Credits	3603-480 <b>Entomology</b>	Elective module	Elective module	Master Thesis (30 credits)
6 Credits	3602-450 Molecular Aspects of Plant Protection	Elective module	Elective module	W
6 Credits	Elective module	Elective module	Elective module	

#### Suggestions for Elective Modules

Sem		Modules	Block	Exam	Professor
1/3	3301-470	Fertilisation and Applied	e-learning	oral	Müller, T.
or		Soil Chemistry in the			
2/4		Tropics and Subtropics			
1/3	3301-440	Soil Fertility and	unblocked	oral	Müller, T.
		Fertilisation in Organic			
		Farming			
1/3	3302-450	Plant Symbioses for	unblocked	oral	Neumann
		Nutrient Acquisition			
1/3	3801-420	Crop Production Systems	block 4	written	Cadisch
1/3	3501-440	Plant Breeding and Seed	block 4	written	Melchinger
		Science in the Tropics and			
		Sub-Tropics			
1/3	3803-450	Crop Production Affecting	block 4	oral	Asch
		the Hydrological Cycle			
1/3	3405-410	Organic Farming in the	block 5	written	Zikeli
		Tropics and Subtropics			
1/3	3301-460	Exercises in Plant	after	written	Müller, T.
		Nutrition	block 5		
2	3401-450	Conservation Agriculture	unblocked	oral	Claupein
				with	
	2502 450			ICA	a
2	3502-470	Plant Genetic Resources	unblocked	written	Schmid
2	3603-490	Biological Pest Control	unblocked	written	Zebitz
2	3504-440	Seed Technology	unblocked		Kruse
2	3503-450	From Genes to Transgenic Plants	unblocked	written	Weber
2	3802-420	Biodiversity, Plant and	block 8	written	Sauerborn
		Animal Genetic Resources			
2	3803-430	Ecophysiology of Crops in	block 10	oral	Asch
		the Tropics and Subtropics			
2	3603-500	Exercises in Biological	block 10	written	Zebitz
		Pest Control			
3	3503-460	Transgenic Organisms in	unblocked	written	Weber
		Research and Agriculture			
3	3802-410	Ecology and	block 2	written	Sauerborn
		Agroecosystems			
TCA -	in commes o				•

ICA = in-course assessment

For the complete catalogue, refer to www.uni-hohenheim.de/modulkatalog.

With the approval of the examination board, study and examinations of up to fife of these elective modules/30 ECTS credits can be chosen from other programmes of the University of Hohenheim as well as from other German or foreign universities.

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 total requirement of 120 credits. The examination result is expressed in grade points and grades. The highest score is 4.0 [grade A]. A score of 1.0 [grade D] 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 credit points obtained in all modules is divided by the total number of credits collected.

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

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

Each module is examined upon completion in an oral or a written exam. The

examination may be divided in sections which can be weighted differently. The weighting of the partial performances (in-course assessments = ICA) is written down in the module descriptions. The examinations of the modules should be taken within the semester scheduled in this curriculum. 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 three compulsory modules offered in the first and second semester. The registration for the examination of the semi-elective and elective modules will take place by submitting the verified study and examination plan to the examination office. The study and examination plan has to be submitted one week before the first examination of a semi-elective or

elective module at the latest. 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.

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). 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.

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 deadline. The students themselves are responsible for complying with these examination deadlines as well as all other regulations given in the examination regulations. The

**Examinations** 

examination regulations and a leaflet on registration (<a href="https://pruefungsamt.uni-hohenheim.de">https://pruefungsamt.uni-hohenheim.de</a>) are distributed by the examination office.

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 "Crop Sciences", within a fixed period of time by applying scientific methods. The exam consists of a written part (thesis) and an oral presentation (defence). 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. There might be cases, depending on the chosen modules, for which the third semester is more appropriate. Thesis work can pursue empirical or theoretical questions related to ongoing research projects but students' own initiatives and ideas are certainly welcome. It includes a literature review as well as new and original data derived from field and or laboratory work. This work can be carried out either at University of Hohenheim or at one of the partner universities.

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.

Mentoring

A personal mentor from the teaching staff is assigned to advice on appropriate profiles and support smooth and goal-oriented study progress. The study and examination plan has to be signed by a mentor before it is handed in to the examination office. The following scientists have been appointed as mentors:

- Prof. Dr. Ludewig (Nutritional Crop Physiology, 340)
- Prof. Dr. Neumann (Nutritional Crop Physiology, 340)
- Prof. Dr. Schmid (Crop Biodiversity and Breeding Informatics, 350)
- Prof. Dr. Zebitz (Applied Entomology, 360)
- Prof. Dr. Voegele (Phytopathology, 360)

Academic advisor

providing specific information on the disciplines:

Study Abroad

Dr. Tobias Schrag (tobias.schrag@uni-hohenheim.de, phone: 459-23483) Students are encouraged to spend one semester in the second year at a partner university abroad, to gain additional experience and further strengthen their individual profile. 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. German students are strongly advised to spend a semester abroad. Particularly, the third semester is suitable for integrated study abroad. Students will preferably spend this time at one of the partner universities of the Euroleague for Life Sciences: Universität für Bodenkultur Wien (BOKU), Austria; Royal Veterinary and Agricultural University (KVL), Denmark; Swedish University of Agricultural Sciences (SLU), Sweden; Wageningen University, Netherlands; Czech University of Agriculture (CUA), Czech Republic, Warsaw Agricultural University (SGGW), Poland. On the basis of an agreement on quality standards the members of the Euro League for Life Sciences have agreed to mutually recognize study achievements. Quantitative parity of study achievements is based on the European Credit Transfer System (ECTS). Students may also request to spend the semester at

universities other than mentioned above.

**Degree** After successful completion of all modules as well as the thesis, the student is

awarded the degree "Master of Science" (M.Sc.) in Crop Sciences. This degree entitles the student to continue with a Ph.D./doctoral programme if the total

grade is above average.

Responsible Scientist Prof. Dr. C. Zebitz

Department of Applied Entomology

Professors in charge of

Prof. Dr. U. Ludewig, Nutritional Crop Physiology

the three majors

Prof. Dr. K. Schmid, Crop Biodiversity and Breeding Informatics

Prof. Dr. R. Voegele, Phytopathology

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E-mail: cropsciences@uni-hohenheim.de http://www.uni-hohenheim.de/cropsciences In the following table all modules from pp. 5 and 6 as well as suggestions for elective modules, all with their corresponding lectures are shown. The modules are sorted by module-code. (SWS = average hours per week per semester)

Module- Code	Name of Module	Sem.	Module obligation	Responsible Professor	Langu -age	Module- Duration	Exam	LV- Code	Courses of the Module	Lecturer(s)	Type	SWS
3301-440	Soil Fertility and Fertilisation in Organic Farming	3	Elective	Müller	Е	blocked (n. V.)	oral (75%), seminar presentation with handout (25%)	3301-441	<ul> <li>Soil Fertility and Fertilisation in Organic Farming</li> </ul>	■ Prof. Dr. Torsten Müller	Lecture with Lab and Seminar	<b>4</b>
3301-460	Exercises in Plant Nutrition	1	Compul sory	Müller	D/E	3,5 Weeks (nach B05)	written	3301-461	Exercises in Plant Nutrition	Prof. Dr. Torsten Müller	Lab with Excursion	<b>4</b>
3301-470	Fertilisation and Applied Soil Chemistry in the Tropics and Subtropics (e-learning module)	1/2	Elective	Müller	Е	1 Sem.	oral (75%), presentation with handout (25%)	3301-471	<ul> <li>Fertilisation and Applied Soil Chemistry in the Tropics and Subtropics (ILIAS online module)</li> </ul>	■ Dr. Kurt Möller, Prof. Dr. Torsten Müller	■ E-Learning	<b>4</b>
3302-450	Plant Symbioses for Nutrient Acquisition	1	Compul sory	Neumann	Е	1 Sem.	written exam	3302-451	<ul> <li>Biological Nitrogen         Fixation and         Mycorrhizae     </li> </ul>	<ul><li>Prof. Dr. Uwe Ludewig, PD Dr. Günther Neumann</li></ul>	<ul><li>Lecture with Lab</li></ul>	<b>4</b>
3302-460	Plant Quality	1	Compul sory	Ludewig	Е	1 Sem.	oral	3302-461	■ Plant Quality	■ Prof. Dr. Uwe Ludewig, PD Dr. Günther Neumann, apl. Prof. Dr. Franz Wiesler	■ Lecture	<b>4</b>
3302-490	Rhizosphere Processes - Nutrient Acquisition and Stress Adaptations of Higher Plants	2	Compul	Neumann	Е	1 Sem.	Written exam (75%), seminar presentation (25%)	3302-491	<ul> <li>Rhizosphere Processes</li> <li>Nutrient Acquisition and Stress Adaptations of Higher Plants</li> </ul>	■ PD Dr. Günther Neumann	Lecture with Seminar	<b>4</b>
3401-450	Conservation Agriculture	2	Elective	Claupein	Е	1 Sem.	oral (2/3) with excursion report (1/3)	3401-451	Conservation     Agriculture	Prof. Dr. Wilhelm Claupein, Prof. Dr. Roland Gerhards, Prof. Dr. Hans W. Griepentrog, Prof.	Lecture with Seminar and Excursion	<b>4</b>

Module- Code	Name of Module	Sem.	Module obligation	Responsible Professor	Langu -age	Module- Duration	Exam	LV- Code	Courses of the Module	Lecturer(s)	Type	SWS
										Dr. Karlheinz Köller, Dr. Martina Mayus		
3401-470	Crop Physiology	1	Compul sory	Claupein	Е	1 Sem.	oral	3401-471	■ Crop Physiology	Prof. Dr. Wilhelm Claupein	■ Lecture	<b>-</b> 4
3402-420	Quantitative Methods in Biosciences	1	Elective	Piepho	Е	1 Sem.	written	3402-421	<ul> <li>Quantitative Methods in Biosciences</li> </ul>	<ul><li>Prof. Dr. Hans-Peter Piepho</li></ul>	Lecture with Lab	<b>•</b> 4
3402-430	Bioinformatics	2	Compul	Piepho	E	1 Sem.	written	3402-432 3402-431	<ul><li>Advanced Statistical Methods</li><li>Mixed Models</li></ul>	<ul><li>Prof. Dr. Hans-Peter Piepho</li><li>Prof. Dr. Hans-Peter Piepho</li></ul>	<ul><li>Lecture</li><li>Lecture</li></ul>	■ 2 ■ 2
3402-440	Bioinformatics 2	3	Elective	Piepho	Е	1 Sem.	oral (50%) + term paper (50%)	3402-441	■ Bioinformatics 2	Prof. Dr. Hans-Peter Piepho	■ Seminar	<b>4</b>
3405-410	Organic Farming in the Tropics and Subtropics	3	Elective	Zikeli	E	3,5 Weeks (B05)	written	3405-411	■ Organic Farming in the Tropics and Subtropics	■ Prof. Dr. Wilhelm Claupein, Dr.agr. Sabine Gruber, M. Sc. Inga Häuser, Prof. Dr. Joachim Sauerborn, Prof. Dr. Anne Valle Zárate, Prof. Dr. Claus Zebitz, Dr. Sabine Zikeli	Lecture with Seminar and Excursion	<b>4</b>
3501-440	Plant Breeding and Seed Science in the Tropics and Subtropics	1	Elective	Melchinger	Е	3,5 Weeks (B04)	written	3501-441	<ul> <li>Plant Breeding and Seed Science in the Tropics and Subtropics</li> </ul>	<ul> <li>Dr. agr. Bettina         Haußmann, Prof. Dr.         Albrecht         Melchinger, Dr. sc.         agr. Wolfgang         Schipprack, Prof.         Dr. Gerd Weber     </li> </ul>	Lecture	• 4
3501-450	Breeding Methodology	2	Compul	Melchinger	Е	1 Sem.	written	3501-453 3501-451 3501-452	<ul> <li>Breeding Methodology Demonstrations with Excursion</li> <li>Methodology and Categories of Breeding</li> <li>Resistance Breeding</li> </ul>	<ul> <li>Prof. Dr. Albrecht Melchinger</li> <li>Prof. Dr. Albrecht Melchinger</li> <li>Prof. Dr. Thomas Miedaner</li> </ul>	<ul><li>Lecture with Excursion</li><li>Lecture</li><li>Lecture</li></ul>	• 2 • 1 • 1

Module- Code	Name of Module	Sem.	Module obligation	Responsible Professor	Langu -age	Module- Duration	Exam	LV- Code	Courses of the Module	Lecturer(s)	Type	SWS
3501-460	Planning of Breeding Programmes	3	Compul sory	Melchinger	Е	3,5 Weeks (B04)	written with incourse-assessment	3501-461	<ul> <li>Planning of Breeding Programmes</li> </ul>	<ul> <li>Prof. Dr. Albrecht Melchinger</li> </ul>	■ Lecture	<b>4</b>
3501-470	Selection Theory	3	Compul sory	Melchinger	Е	1 Sem.	written	3501-471	■ Selection Theory	<ul><li>Prof. Dr. Albrecht Melchinger</li></ul>	■ Lecture	<b>4</b>
3502-440	Methods of Scientific Working (for Crop Sciences)	1	Compul sory	Schmid	Е	1 Sem.	written	3502-441	<ul> <li>Methods of Scientific Working (for Crop Sciences)</li> </ul>	<ul><li>Prof. Dr. Karl Schmid</li></ul>	■ Lecture	<b>-</b> 4
3502-450	Population and Quantitative Genetics	1	Compul sory	Schmid	Е	1 Sem.	written	3502-451	<ul><li>Population and Quantitative Genetics</li></ul>	<ul><li>Prof. Dr. Karl Schmid</li></ul>	Lecture with Lab	<b>4</b>
3502-470	Plant Genetic Resources	2	Elective	Schmid	Е	1 Sem.	oral	3502-471 3502-472	<ul> <li>Biodiversity and Genetic Resources</li> <li>Utilization of Genetic Resources by Breeders</li> </ul>	<ul><li>Prof. Dr. Karl Schmid</li><li>Prof. Dr. Karl Schmid</li></ul>	<ul><li>Lecture</li><li>Lecture</li></ul>	• 2 • 2
3503-450	From Genes to Transgenic Plants	2	Elective	Weber	Е	1 Sem.	written	3503-451	•	<ul><li>Prof. Dr. Gerd Weber</li></ul>	■ Lecture	<b>4</b>
3503-460	Transgenic Organisms in Research and Agriculture	3	Elective	Weber	Е	1 Sem.	written	3503-461		■ Prof. Dr. Gerd Weber	■ Lab	<b>-</b> 4
3504-430	Seed Research	3	Compul	Kruse	E	1 Sem.	oral presentation	3504-432 3504-431	<ul><li>Practical Course in Seed Research</li><li>Seed Research</li></ul>	<ul> <li>M. Sc. Sebastian         Bopper, Prof. Dr.             Michael Kruse     </li> <li>M. Sc. Sebastian         Bopper, Prof. Dr.         Michael Kruse     </li> </ul>	Lab Lecture	• 3 • 1
3504-440	Seed Technology	2	Elective	Kruse	D	1 Sem.	oral	3504-442 3504-441	<ul> <li>Exercises in Seed         Testing with Excursion</li> <li>Seed Technology</li> </ul>	<ul> <li>M. Sc. Sebastian         Bopper, Prof. Dr.             Michael Kruse     </li> <li>M. Sc. Sebastian         Bopper, Prof. Dr.             Michael Kruse     </li> </ul>	■ Lab with Excursion ■ Lecture	• 2 • 2
3601-450	Phytopathology	3	Compul sory	Vögele	Е	1 Sem.	written	3601-451 3601-452	<ul><li>Molecular Phytopathology</li><li>Exercises in Molecular Phytopathology</li></ul>	<ul><li>Prof. Dr. Ralf Vögele</li><li>Prof. Dr. Ralf Vögele</li></ul>	<ul><li>Lecture with Seminar</li><li>Lab</li></ul>	• 2 • 2
3602-450	Molecular Aspects of Plant Protection	1	Compul sory	Gerhards	Е	1 Sem.	written	3602-454 3602-451	<ul> <li>Mode of Action of Fungicides and</li> </ul>	<ul><li>Prof. Dr. Ralf</li><li>Vögele</li></ul>	<ul><li>Lab</li><li>Lecture</li></ul>	■ 1 ■ 1

Module- Code	Name of Module	Sem.	Module obligation	Responsible Professor	Langu -age	Module- Duration	Exam	LV- Code	Courses of the Module	Lecturer(s)	Type	SWS
								3602-452 3602-453	Fungicide Resistance  Mode of Action of Herbicides and Herbicide Resistance  Mode of Action of Insecticides and Insecticide Resistance  Natural Products for Plant Protection	<ul> <li>Prof. Dr. Roland Gerhards</li> <li>Prof. Dr. Claus Zebitz</li> <li>Prof. Dr. Roland Gerhards, Prof. Dr. Claus Zebitz</li> </ul>	• Lecture • Lecture	• 1 • 1
3602-460	Information Technologies and Expert Systems in Plant Protection	2	Compul	Gerhards	Е	3,5 Weeks (B08)	written (80%) with presentation Ihinger Hof (20%)	3602-462 3602-461	<ul> <li>Application         Technologies and             Expert Systems in             Weed Mangement             with Exercises     </li> <li>Sensor Technologies         for Plant Protection     </li> </ul>	<ul> <li>Prof. Dr. Roland Gerhards</li> <li>Prof. Dr. Roland Gerhards</li> </ul>	<ul><li>Seminar with Lab</li><li>Lecture</li></ul>	• 3 • 1
3603-420	Crop Protection in Organic Farming	2	Elective	Zebitz	Е	1 Sem.	written (70 %) plus seminar (30 %)	3603-421	Crop Protection in Organic Farming	Prof. Dr. Claus Zebitz	Lecture with Seminar	<b>4</b>
3603-470	Ecology of Insects	3	Compul	Zebitz	Е	1 Sem.	written	3603-471	■ Ecology of Insects	Prof. Dr. Claus Zebitz	■ Lecture	<b>-</b> 4
3603-480	Entomology	1	Compul	Zebitz	D/E	1 Sem.	written	3603-481	■ Entomology	Prof. Dr. Claus Zebitz	■ Lecture	<b>4</b>
3603-490	Biological Pest Control	2	Elective	Zebitz	Е	1 Sem.	written	3603-491	<ul><li>Biological Pest Control</li></ul>	Prof. Dr. Claus Zebitz	• Lecture	<b>-</b> 4
3603-500	Exercises in Biological Pest Control	2	Elective	Zebitz	Е	3,5 Weeks (B10)	written	3603-501	Exercises in Biological Pest Control	Prof. Dr. Claus Zebitz	■ Lab	• 4
3703-430	Crop - Environment Interactions	2	Compul	Wünsche	Е	1 Sem.	report (70%) with oral presentation (30%)	3703-431	Crop - Environment Interactions	■ Prof. Dr. Torsten Müller, Prof. Dr. Joachim Sauerborn, Prof. Dr. Joachim Sauerborn, Prof. Dr. Jens Wünsche	• Lecture with Lab and Seminar	<b>-</b> 4
3801-420	Crop Production Systems	3	Elective	Cadisch	Е	3,5 Weeks	written	3801-421	<ul><li>Crop Production Systems</li></ul>	<ul><li>Prof. Dr. Georg Cadisch, Dr.</li></ul>	<ul><li>Lecture with Lab</li></ul>	<b>4</b>

Module- Code	Name of Module		Module obligation	Responsible Professor	Langu -age	Module- Duration	Exam	LV- Code	Courses of the Module	Lecturer(s)	Туре	SWS
						(B04)				Thomas Hilger	and Seminar	
3802-410	Ecology and Agroecosystems	3	Elective	Sauerborn	Е	3,5 Weeks (B02)	written	3802-411	■ Ecology and Agroecosystems	<ul> <li>M. Sc. Inga Häuser, apl. Prof. Dr. Konrad Martin, Prof. Dr. Joachim Sauerborn</li> </ul>	Lecture with Seminar and Excursion	■ 4
3802-420	Biodiversity, Plant and Animal Genetic Resources	2	Elective	Sauerborn	Е	3,5 Weeks (B08)	written	3802-421	■ Biodiversity, Plant and Animal Genetic Resources	M. Sc. Inga Häuser, apl. Prof. Dr. Kon- rad Martin, Prof. Dr. Joachim Sauerborn, Prof. Dr. Karl Schmid, Prof. Dr. Anne Valle Zárate	• Lecture with Seminar, Excursion and Lab	• 4
3803-430	Ecophysiology of Crops in the Tropics and Subtropics	2	Elective	Asch	Е	3,5 Weeks (B10)	oral	3803-431	<ul> <li>Ecophysiology of Crops in the Tropics and Subtropics</li> </ul>	<ul> <li>Prof. Dr. Folkard Asch, Dr. Holger Brück</li> </ul>	Lecture with Lab	<b>4</b>
3803-440	Signalling in Plants under Stress	3	Elective	Asch	Е	3,5 Weeks (B02)	oral	3803-441	<ul> <li>Signalling in Plants under Stress</li> </ul>	Prof. Dr. Folkard Asch	Lecture with Lab	<b>-</b> 4
3803-450	Crop Production Affecting the Hydrological Cycle	3	Elective	Asch	Е	3,5 Weeks (B04)	seminar paper and oral exam	3803-451	■ Crop Production Affecting the Hydrological Cycle	<ul> <li>Prof. Dr. Folkard Asch, Dr. Holger Brück, Prof. Dr. Joachim Müller</li> </ul>	Lecture with Lab	<b>4</b>

### **Block Periods 2011/2012**

	Block	Period
ter	1	17.10. – 09.11.2011
Semester	2	10.11 02.12.2011
r Se	3	05.12 11.01.2012
Winter	4	12.01 03.02.2012
M	5	06.02 28.02.2012
ter	6	02.04 26.04.2012
Semester	7	27.04. – 23.05.2012
	8	24.05 25.06.2012
nmer	9	26.06. – 19.07.2012
Sm	10	20.07 13.08.2012

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

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### **Blocked Modules Winter Semester 2011/12**

Period	<b>1</b> (17 days)	<b>2</b> (17 days)	<b>3</b> (17 days)	<b>4</b> (17 days)	<b>5</b> (17 days)	h A
Study Course	17.10 09.11.2011	10.11 02.12.2011	05.12. – 22.12.11 9.01. – 11.01.2012	12.01 03.02.2012	06.02 28.02.2012	by Arrangement
M. Sc. AgEcon	● 4904-460 (Berger) Farm System Modelling	<ul> <li>4902-410 (Brockmeier)</li> <li>Applied Econometrics</li> </ul>	◀ 4903-480 (Birner) Governance, Institut. and Organisat. Development	<ul> <li>4301-410 (Hoffmann)         Knowledge and     </li> <li>Innovation Management</li> </ul>	<ul> <li>4201-420 (Grethe)</li> <li>Advanced Policy</li> <li>Analysis Modelling</li> </ul>	
	■ 4901-420 (Zeller) Poverty and Development Strategies		4-4902-420 (Brockmeier) International Food and Agri- cultural Trade (in 12/13!)	<b>◀ 4904-430</b> (Berger)  Land Use Economics		
M. Sc. AgriTropics	● 4901-420 (Zeller) Poverty and Development Strategies  ○ 4301-430 (Hoffmann)	3802-410 (Sauerborn)     Ecology and     Agroecosystems     4904-450 (Berger)	● 4403-530 (Müller, J.) Natural Resource (Water and Soil) Management  ○ 4901-470 (Zeller)	● 3801-420 (Cadisch) Crop Production Systems  ○ 3803-450 (Asch)	● 4801-450 (Valle Zárate) Livestock Production Systems	
	Rural Communication and Extension	Farm and Project Evaluation	Quantitative Methods in Economics	Crop Production Affecting the Hydrological Cycle	Organic Farming in the Tropics and Subtropics	
	O <b>3101-410</b> (Stahr) Tropical Soils and Land Evaluation	O 4802-410 (Focken) Intensive Aquacult. Systems 3803-440 (Asch) Signal-	<ul><li>4801-430 (Valle</li><li>Zárate) Livestock</li><li>Breeding Programmes</li></ul>	O 3501-440 (Melchinger) Plant Breeding and Seed Science in the T+S	O 4802-420 (N.N.)  Phys. and Ecol. Aspects of Animal Nutrition T+S	
		ling in Plants under Stress (in 12/13!)	O4902-420 (Brockmeier) International Food and Agricultural Trade (in 12/13!)	<ul> <li>4903-490 (Birner)</li> <li>Social Dimensions of Agricultural Development</li> </ul>	O 4903-510 (Birner) Agriculture and Food Security in Fragile Systems	
M. Sc. Crop Sciences		◆ 3803-440 (Asch) Signalling in Plants under Stress (in 12/13!)		■ 3501-460 (Melchinger) Planning. of Breeding Programmes		■ 3301-460 (Müller, T.) Exercises in Plant Nutrition (after B5)
M. Sc. EnviroFood	VB● 4402-440 (Jung- bluth) Agricultural Production and Residues VB● 1503-410 (Kohlus)	3202-410 (Fangmeier)     Ecotoxicology and     Environmental Analytics     3802-410 (Sauerborn)	● 3103-440 (Streck) Matter Cycling in Agro- Ecosystems ■ 4403-530 (Müller, J.) Natural Resource (Water	<ul> <li>4602-460 (Hölzle)</li> <li>Environmental Microbiology, Parasitology</li> <li>3202-420 (Fangmeier)</li> <li>Global Change Issues</li> </ul>	■ 3004-410 (Tremp) Inland Water Ecosystems ■ 3003-410 (Schöne) Food Safety and Quality	■ 3301-460 (Müller, T.) Exercises in Plant
	Food Technology and Residues  1 3202-430 (Fangmeier) Air Pollution and Air Pollution Control	Ecology and Agroecosystems	and Soil) Management   4902-420 (Brockmeier) International Food and Agricultural Trade (in 12/13!)	Global Change issues	Chains (February 7-17, 6 hours per day)	Nutrition (after B5)
M. Sc. EnvEuro (first year and elective modules	O 4402-440 (Jungbluth) Agricultural Production and Residues	O 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	
of second year)	O 3202-430 (Fangmeier) Air Pollution and Air Pollution Control	O 3802-410 (Sauerborn) Ecology and Agroecosystems	O 4403-530 (Müller, J.) Natural Resource (Water and Soil) Management	O 4602-460 (Hölzle) Environmental Microbiology, Parasitology  1 3202-420 (Fangmeier)		
	<ul> <li>○ 4904-460 (Berger)</li> <li>Farm System Modelling</li> <li>○ 4901-420 (Zeller) Poverty and Dev. Strategies</li> </ul>			Global Change Issues  4904-430 (Berger) Land Use Economics		
	O 3101-410(Stahr) Trop. Soil and Land Evaluation					

●= Compulsory

■ = Semi-elective

○= Elective

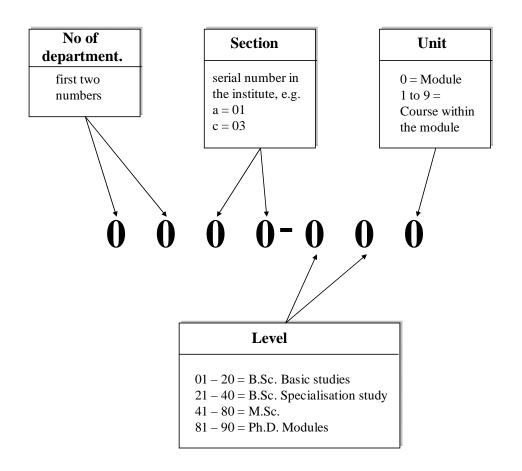
Blockperiode / Period	<b>6</b> (17 Tage/days)	<b>7</b> (17 Tage/days)	<b>8</b> (17 Tage/days)	<b>9</b> (17 Tage/days)	<b>10</b> (17 Tage/days)	nach Vereinbarung/ by Arrangement
Studiengang / Study Course	02.04 26.04.2012	27.04 23.05.2012	24.05 25.06.2012	26.06 19.07.2012	20.07 13.08.2012	by Arrangement
M. Sc. AgEcon		4101-410 (Lippert)     Environmental and     Resource Economics	◆ 4201-410 (Grethe) Agricultural and Food Policy	<ul> <li>4903-500 (Birner)         Policy Processes in         Agriculture and Natural         Resource Management     </li> </ul>	O 4902-430 (Brockmeier) Food and Nutrition Security	
M. Sc. AgriTropics	<ul> <li>3803-470 (Asch)</li> <li>Interdisciplinary Practical</li> <li>Science Training</li> <li>(AgriTropics only!)</li> </ul>	O 4901-430 (Zeller) Rural Development Policy and Institutions	O 4201-410 (Grethe) Agricultural and Food Policy O 3802-420 (Sauerborn)	→4902-420 (Brockmeier) International Food and Agricultural Trade	O 4902-430 (Brockmeier) Food and Nutrition Security	
		O 3801-430 (Cadisch) Integrated Agricultural Production Systems	Biodiversity, Plant and	O <b>4403-470</b> (Müller, J.) Renewable Energy f. Rural Areas	O 3803-430 (Asch) Ecophysiology of Crops in the T+S	
	O 4802-430 (Focken) Integration of Aquacult. in Agricult. Farm. Systems	O 4801-410 (Valle Zárate) Genetic Resources and Animal Husbandry Systems	Postharvest Technology of Food and Bio-Based Prod.  3 4801-420 (Valle Zárate)  Promotion of Livestock	+ 4802-430 (Focken) Integration of Aquacult. in Agricult. Farm. Systems (B6!)	O 4602-450 (Hölzle) Food Safety a. Drinking Water Quality related to Zoonoses in the T+S	
M. Sc. Crop Sciences	O 4407-430 (Griepentrog) Precision Farming		■ 3602-460 (Gerhards) Information Technologies and Expert Systems		O 3603-500 (Zebitz) Exercises in Biological Pest Control	
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 ■ 4403-550 (Müller, J.) Postharvest Technology of Food & Bio-Based Prod.	● 3103-460 (Streck) Environmental Science Project  ■ 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	<ul> <li>3802-420 (Sauerborn)</li> <li>Biodiversity, Plant and</li> <li>Animal Gen. Resources</li> <li>4201-410 (Grethe)</li> <li>Agricultural and Food</li> <li>Policy</li> </ul>	3103-460 (Streck)     Environmental Science     Project     4403-470 (Müller, J.)     Renewable Energy for     Rural Areas		
M. Sc. OrganicFood			,	4801-480 (Valle Zárate) Organic Livestock Farming and Products	● 4801-480 (Valle Zára- te) Organic Livestock Farming and Products	
M. Sc. Saiwam (Hohenheim)	<ul> <li>4802-430 (Focken)</li> <li>Integration of Aquaculture in Agricult. Farming Systems</li> </ul>	●3103-450(Streck) Spatial Data Analys.with GIS	O 3101-460 (Stahr) Mapping Course		4903-470 (Birner)     Qualitative Research     Methods in Rural     Development Studies	<ul> <li>3101-520 (Stahr) Inter- disciplinary Study Project,unblocked!</li> </ul>

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

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

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AgEcon	Agri- Tropics	92	EnvEuro	Ŷ	Organic- Food	
ы	두뗯	e e	ΛĒ	vir od	ga od	Unblocked Medules in Winter Semester (October Echrusty)
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0	0	0		1	0	1201-410 (Wulfmeyer) Remote Sensing
-	-	-	•	-	-	3005-410 (Fangmeier) Environmental Management in Europe (for EnvEuro only!)
0	0	0		0	0	3101-450 (Stahr) Major Pedological Field Trip (English + German)
0	0	0	0	0	0	3102-420 (Kandeler) Project in Soil Sciences (English + German)
0	0	0	0	0	0	3102-450 (Kandeler) Molecular Soil Ecology (not in WS 11/12)
0	0	0		0	0	3301-440 (Müller, T.) Soil Fertility and Fertilisation in Organic Farming
0	0	0	0	0	0	<b>3301-450</b> (Müller, T.) Fertilisation and Appl. Soil Chemistry in the T+S
0	0	1	)	0	0	3302-450 (Neumann) Plant Symbioses for Nutrient Acquisition
0	0	1		0	0	3302-460 (Ludewig) Plant Quality
0	0	•		0	0	3401-470 (Claupein) Crop Physiology
0	•	0		0	0	3402-420 (Piepho) Quantitative Methods in Biosciences
0	0	0		0	0	<b>3405-450</b> (Zikeli) Problems and Perspectives of Organic Farming (not in WS 11/12!)
0	0	0		0	•	3405-460 (Zikeli) Processing and Quality of Organic Food
0	0	0		0	•	3405-470 (Zikeli) Organic Food Systems and Concepts
	-	_	-		•	<b>3405-500</b> (Zikeli) Principles of Organic Food Systems (for EurOrganic only!)
0	0	1		0	0	3501-470 (Melchinger) Selection Theory
		•				
						3502-440 (Schmid) Methods of Scientific Working for Crop Sciences
0	0	1		0	0	3502-450 (Schmid) Population and Quantitative Genetics
0	0	1		0	0	3504-430 (Kruse) Seed Research
$\circ$	0	•		0	0	3601-450 (Vögele) Phytopathology
$\circ$	0	•		0	0	3602-450 (Gerhards) Molecular Aspects of Plant Protection
0	0	•		0	0	3603-480 (Zebitz) Entomology
0	0	1		0	0	3603-470 (Zebitz) Ecology of Insects
$\overline{\ominus}$	$\Theta$	$\Theta$		$\Theta$	•	4101-430 (Dabbert) Socioeconomics of Organic Farming (replaced by 4201-440!)
0	0	0	•	•	•	<b>4201-440</b> (Grethe) Economics and Environmental Policy
0	0	0	•	0	_	
					•	4303-440 (Bellows) Social Conditions of Organic and Sustainable Agriculture
0	0	0	0	0	0	4303-490 (Bellows) Ethics of Food and Nutrition Security
0	0	0	•	1	0	4406-410 (Kranert) Waste Management and Waste Techniques
•	0	0		0	0	4904-410 (Berger) Agricultural Economics Seminar
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병	Agri- Tropics	Crop Sciences	EnvEuro	N O	go	Unblocked Modules in Summer Semester (April - July)
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0	0			-	_	3005-420 (Fangmeier)Climate Change Impacts Adaptation a Mitigation (EnvEuro I)
$\cup$	/	( )		-	-	3005-420 (Fangmeier)Climate Change Impacts, Adaptation a. Mitigation (EnvEuro!)
$\sim$		0	0	- 0	- 0	<b>3101-430</b> (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English</i> + <i>German</i> )
0	0	0	0	0	0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English + German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English + German</i> )
0	0	0	0	0	0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English + German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English + German</i> ) 3101-450 (Stahr) Major Pedological Field Trip ( <i>English + German</i> )
	0	0	0	0	0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English + German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English + German</i> )
0	0	0	0	0	0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English + German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English + German</i> ) 3101-450 (Stahr) Major Pedological Field Trip ( <i>English + German</i> )
0	0	0	0	0	0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English</i> + <i>German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English</i> + <i>German</i> ) 3101-450 (Stahr) Major Pedological Field Trip ( <i>English</i> + <i>German</i> ) 3102-420 (Kandeler) Project in Soil Sciences ( <i>English</i> + <i>German</i> ) 3401-450 (Claupein) Conservation Agriculture
0 0	0 0 0 0	0 0 0	0	0 0 0 0	0 0 0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English</i> + <i>German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English</i> + <i>German</i> ) 3101-450 (Stahr) Major Pedological Field Trip ( <i>English</i> + <i>German</i> ) 3102-420 (Kandeler) Project in Soil Sciences ( <i>English</i> + <i>German</i> ) 3401-450 (Claupein) Conservation Agriculture 3401-460(Claupein) Organic Plant Production
0 0 0 0	0 0 0 0 0 0	0 0 0 0	0	0 0 0 0	0 0 0 0	3101-430 (Stahr) Interdisciplinary Advanced Soil Science Project ( <i>English + German</i> ) 3101-440 (Stahr) Soil Genesis, Classification and Geography ( <i>English + German</i> ) 3101-450 (Stahr) Major Pedological Field Trip ( <i>English + German</i> ) 3102-420 (Kandeler) Project in Soil Sciences ( <i>English + German</i> ) 3401-450 (Claupein) Conservation Agriculture 3401-460(Claupein) Organic Plant Production 3402-430 (Piepho) Bioinformatics
0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0	0	0 0 0 0 0	0 0 0 0	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) 3102-420 (Kandeler) Project in Soil Sciences (English + German) 3401-450 (Claupein) Conservation Agriculture 3401-460(Claupein) Organic Plant Production 3402-430 (Piepho) Bioinformatics 3405-450 (Zikeli) Problems and Perspectives of Organic Farming
0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0	0	0 0 0 0 0	0 0 0 0 0	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) 3102-420 (Kandeler) Project in Soil Sciences (English + German) 3401-450 (Claupein) Conservation Agriculture 3401-460 (Claupein) Organic Plant Production 3402-430 (Piepho) Bioinformatics 3405-450 (Zikeli) Problems and Perspectives of Organic Farming 3405-490 (Zikeli) Project in Organic Agriculture and Food Systems
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### **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**

~	First day of <u>un-</u> blocked modules:	(41. KW) Monday, 10.10.2011
WS 11/12	First day of blocked modules:	(42. KW) Monday, 17.10.2011
NS ]	Last day of <u>un-</u> blocked modules:	(5. KW) Saturday, 04.02.2012
	Last day of blocked modules:	(9. KW) Tuesday, 28.02.2012
	First day of blocked modules:	(14. KW) Monday, 02.04.2012
12	First day of <u>un-</u> blocked modules:	(15. KW) Tuesday, 10.04.2012
SS	Last day of <u>un-</u> blocked modules:	(29. KW) Saturday,21.07.2012
	Last day of blocked modules:	(33. кw) Monday, 13.08.2012

**Free of lectures:** All Saints' Day: 01.11.2011, Christmas holidays: 19.12.2011 – 07.01.2012 (blocks: 23.12.11 – 07.01.12), Easter holidays: 06. – 09.04.2012, Labour Day: 01.05.2012, Ascencion Day: 17.05.2012, Pentecost holidays: 29.05.2012 –02.06.2012 (except excursions), Feast of Corpus Christi: 07.06.2012. The "Dies Academicus" (8<sup>th</sup> of July 2012) will be free of lectures too!

### **Examination periods in winter semester 2011/12**

**B.Sc. and M.Sc. period 1:** calendar week 6 to 8 **B.Sc. and M.Sc.: period 2:** calendar week 12 to 14

**Deadline for the registration for exams:** see notice-board of examination office

### **Examination periods in summer semester 2012**

**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:** 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).