UNIVERSITY OF HOHENHEIM

Curriculum

October 2021

Organic Agriculture and Food Systems

Master of Science

www.uni-hohenheim.de/eur-organic

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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. program “Organic Agriculture and Food Systems”. It contains information on the program structure, summarizes the most important exam regulations (issued the 19th of February 2018 including all statutes to amend the examination regulations until 20th of May 2021).

The information presented reflects the current situation. Titles and contents of compulsory and optional modules are sometimes subject to change. For administrative reasons, such changes can only be included in printed materials with a delay. For this reason, we do not accept liability for the correctness of the information provided.

If in doubt, please contact the coordinator of the program (organicfood@uni-hohenheim.de) to obtain up-to-date information. For up-to-date module descriptions please refer to the website at uni-hohenheim.de/en/module-catalogue . Time schedules and lecture halls for all courses are displayed in the Course Catalogue of the University of Hohenheim, available at the beginning of each semester online on the university’s homepage: https://www.uni-hohenheim.de/en/course-catalog .

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The Master's Program Organic Agriculture and Food Systems *(EUR-Organic)*

Program Objectives and Conditions

Consumers are increasingly interested in the quality of their food and the manner in which it is produced. For this reason, more and more food is produced and processed according to the standards of organic farming. These standards ensure high product quality, sound use of natural and human resources, the maintenance of biodiversity, and the implementation of sustainable production systems without synthetic pesticides and fertilizers.

Organic farming is based on a holistic approach. The processing and marketing of organically grown food requires special skills and knowledge. As the market for organic products is a growing sector on a worldwide scale, there is a need for experts who provide knowledge on organic food chain management which would include primary food production, food technology, and quality control. To meet these demands, the University of Hohenheim has developed the M.Sc. Program "Organic Agriculture and Food Systems". This program will prepare students for these challenging tasks and offer them competitive, state-of-the-art training.

Hohenheim is the first university in Europe offering a Master's program with an emphasis on the management of food systems in the organic sector.

The University of Hohenheim (UHOH) 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 that opens doors to future opportunities.

Program Design

To tackle problems in quality control and processing, knowledge of all aspects of the organic food chain is necessary. Therefore, the M.Sc. program follows a general approach including primary production as well as processing and marketing. Modern teaching methods such as discussion sessions, research seminars, case studies, and excursions to organic farms and processing firms are an integral part of the curriculum. The problem-based interdisciplinary 'Project in Organic Agriculture and Food Systems' constitutes a major focus of the course.

The two-year M.Sc. program "Organic Agriculture and Food Systems" comprises four semesters, during which thematic modules and the Master's thesis have to be completed. Grades are based on the European Credit Transfer System (ECTS), which facilitates this kind of international mobility. The language of instruction is English. Students can decide to study the program as a Double or Single Degree Program. The program starts in September (Double Degree) or October (Single Degree) of each year. A maximum of 30 students can be admitted to the program.

Double Degree

The Double Degree M.Sc. program EUR-Organic offers a comprehensive and integrative education in all areas of organic farming, as well as the processing and commercialization of organic food. The core of EUR-Organic is comprised of specialization areas that enable the students to profit from the different foci of organic agriculture teaching and research of the partner universities.

None of the partner universities alone can offer such a wide range of elective and compulsory modules on organic agriculture and food systems. Together the partners create an added value for the students in teaching and research, e.g. in the wide range of topics for the Master's thesis. Students are challenged by different thematic approaches throughout the course of their studies: while the University of Hohenheim (UHOH) focuses primarily on the food chain, the University of Natural Resources and Life Sciences, Vienna, Austria, (BOKU) emphasizes the systematic approach of organic farming. At Aarhus University (AU), Denmark, students can focus on either animal health and welfare or plant nutrition and health. Warsaw University of Life

Sciences (WULS), Poland, offers a specialized study profile on "Organic Food Processing and Marketing" from the outset and ISARA, Lyon, France, (ISARA) is specialized in Agroecology. Details of the specializations at all these universities are described at: https://www.eur-organic.eu/en.

In order to benefit from this complementary expertise and to get the most out of the program, students are required to spend one year at their chosen **home** university and one year at their chosen **host** university.

Single Degree

Students who intend to study the entire program in Hohenheim will receive a Single Degree. Their first compulsory module will be different (see "modules" below).

During the first year at Hohenheim, the compulsory modules cover all aspects of Organic Agriculture and Food Systems from plant and animal production to food processing and socio-economic and socio-cultural aspects. One elective module can be chosen from the list of all Master's modules offered by the Faculty of Agriculture.

In the third and fourth semester, students choose additional five modules at Hohenheim and work on their thesis. It is expected that a thesis will pursue empirical or theoretical questions relating to ongoing research projects. However, suggestions and ideas from students in this matter are actively encouraged. It is also possible to carry out the Master's thesis at one of the various partner universities or research institutions abroad.

<table>
<tr><th></th><th>1st Semester
(at UHOH)</th><th>2nd Semester
(at UHOH)</th><th>3rd Semester
(UHOH, BOKU, AU, or WULS)</th><th>4th Semester
(UHOH, BOKU, AU, or WULS)</th></tr>
<tr><td>6 Credits</td><td>3090-440 (Zikeli) Organic Food Systems and Concepts OR 3090-460 (Zikeli) Principles of Organic Food Systems</td><td>3090-430 (Zikeli) Processing and Quality of Organic Food</td><td>Elective module</td><td rowspan="5">Master Thesis
(30 credits)</td></tr>
<tr><td>6 Credits</td><td>4902-440 (Brockmeier) Economics and Environmental Policy</td><td>4203-460 (Weinrich) Sustainability Marketing & Marketing Consulting</td><td>Elective module</td></tr>
<tr><td>6 Credits</td><td>4302-460 (Bieling) Global Agri-food Systems: Conventional, Organic, and Beyond</td><td>3401-460 (Claupein) Organic Plant Production</td><td>Elective module</td></tr>
<tr><td>6 Credits</td><td>4908-480 (Chagunda) Organic Livestock Farming and Products</td><td>Elective module</td><td>Elective module</td></tr>
<tr><td>6 Credits</td><td colspan="2">3090-450 (Zikeli)
Project in Organic Agriculture and Food Systems (12 credits)</td><td>Elective module</td></tr>
</table>

Modules

Each semester consists of 30 credits. At the University of Hohenheim all modules of the program last the full length of the semester. Some elective modules 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.

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 180 hours for one module of 6 credits and 225 hours for one module of 7.5 credits. Each module may consist of different forms of teaching (e.g. seminar, lecture, practical, excursions).

The module titles and identification numbers are listed below. For details about contents, lecturers, and methods of instruction, refer to the module description or https://www.uni-hohenheim.de/en/module-catalogue#Master. Please register online on the e-learning platform ILIAS (https://ilias.uni-hohenheim.de/) for each module, you would like to participate in. The individual ILIAS link of each course is found in the module description.

The first **compulsory module** is one of these two modules:

Sem	Code	Name of Module	Duration	Credits	Professor
1	3090-440	**Organic Food Systems and Concepts** *(single degree)*	1 Semester	6	Zikeli
1	3090-460	**Principles of Organic Food Systems** *(double degree)*	1 Semester	6	Zikeli

1	4902-440	**Economics and Environmental Policy**	1 Semester	6	Brockmeier
1	4302-460	**Global Agri-food Systems: Conventional, Organic, and Beyond**	1 Semester	6	Bieling
1	4908-450	**Organic Livestock Farming and Products**	1 Semester	6	Chagunda
1+2	3090-450	**Project in Organic Agriculture and Food Systems**	2 Semester	12	Zikeli
2	3090-430	**Processing and Quality of Organic Food**	1 Semester	6	Zikeli
2	4203-460	**Sustainability Marketing & Marketing Consulting**	1 Semester	6	Weinrich
2	3401-460	**Organic Plant Production**	1 Semester	6	Claupein

A maximum of two compulsory modules may be replaced with the corresponding number of electives if knowledge corresponding to content and scope of the modules to be replaced can be proven from the previous study program which forms the admission requirement for the degree program Organic Agriculture and Food Systems. Permission shall be granted by the examination committee upon request by the student and upon the mentor's recommendation.

At Hohenheim, the six **elective modules** can be chosen from the complete catalogue of the university's Master's courses, including more than 30 disciplinary and interdisciplinary subjects.

Suggestions for **elective modules**:

Sem	Code	Name of Module	Duration	Credits	Professor
1-4	3000-410	Portfolio-Module (Master) *(not graded)(for Details see HohCampus)*	Not defined	1 – 7.5	Kruse, M.
2	3090-420	Problems and Perspectives of Organic Farming	1 Semester	6	Zikeli
2	3603-420	Crop Protection in Organic Farming	1 Semester	6	Petschenka
2	4301-460	Fit for Innovation Support – Concepts, Methods and Skills	1 Semester	6	Knierim
2	4902-420	International Food and Agricultural Trade	1 Semester	6	Brockmeier
2	4903-470	Qualitative Research Methods in Rural Development Studies	1 Semester	6	Birner
3	3003-410	Food Safety and Quality Chains	Blocked in March	6	Schöne
3	3409-440	Soil Fertility and Fertilisation in Organic Farming	1 Semester	6	Müller, T.
3	3402-420	Quantitative Methods in Biosciences	1 Semester	6	Piepho
3	3090-410	Organic Farming in the Tropics and Subtropics	1 Semester	6	Zikeli
3	4301-410	Knowledge and Innovation Management	1 Semester	6	Knierim
3	4301-420	Inter- and Transdisciplinary Research Approaches in Bioeconomics	1 Semester	6	Knierim
3	4301-470	Agricultural Knowledge Systems and Advisory Services	1 Semester	6	Knierim
3	4302-420*	Ethical Reflection on Food and Agriculture	1 Semester	6	Bieling
3	4901-470*	Quantitative Methods in Economics	Second half of semester	6	Zeller
3	4903-500	Policy Processes in Agriculture and Natural Resource Management	1 Semester	6	Birner
3	4906-410*	Ecology and Agroecosystems	1 Semester	6	Graß
3	4908-460	Hot Topics and Advanced Methods in Animal Genetics and Breeding	1 Semester	6	Chagunda

* Number of places is limited. Please register for participation on ILIAS

For the complete catalog, refer to https://www.uni-hohenheim.de/en/module-catalogue#Master.

On request to the examination board and with the approval of an academic counsellor or the program coordinator, modules can be chosen from other programs of the University of Hohenheim or other universities. With compulsory, semi-elective, and elective modules together, at least 90 credits have to be reached.

Module Descriptions For the contents of all modules: https://www.uni-hohenheim.de/en/module-catalogue#Master

Individual Timetable The Course Catalog 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 on the University's homepage: www.uni-hohenheim.de. It is linked to the modules listed in the HohCampus Study Planner. A tool to compose an individual timetable is available, too. Please note: many modules often consist of more than one course. See also the explanation of the module code at the end of this curriculum.

Semester Duration and Lecture Times A semester usually lasts 14 weeks (winter as well as summer semester). The lectures usually begin 15 minutes after the defined start time indicated in the course catalogue (c.t.=lat.: cum tempore ="with time"). Therefore, a lecture with a defined start time at 9 c.t. starts at 9:15. If a lecture starts on time at 9:00, there will be an indication 9 s.t. (lat.: sine tempore = "without time").

Modules with limited Number of Participants Some modules can accept only a limited number of participants due to space constraints or supervision regulations. It is necessary to register for the module in advance. See also: https://www.uni-hohenheim.de/en/registration-for-modules. If there is a limited number of participants, this will be stated under the "comments" ("Anmerkungen") section of the module description. Please check before lectures start, whether the modules you have chosen have a limited number of participants or not. (uni-hohenheim.de/en/module-catalogue). Each module is set up as a course on the e-learning platform ILIAS (https://ilias.uni-hohenheim.de/). You have to register there and see how the spots are allocated on ILIAS. In general, the following applies: Students for whom the respective module is compulsory or the last module that needs to be completed to finish a degree program, must always be admitted. If you have not yet enrolled by the end of the registration period and do not yet have access to ILIAS, please contact the responsible lecturer by e-mail and ask for registration.

For blocked modules with a limited number of participants in block period 1, the registration starts at least two weeks before the start of the lecture period and ends eight days before the lecture period. For all other modules with a limited number of participants, the registration period starts at least one week before the start of the lecture period and ends at the end of the first week after the start of the lecture period.

Please note: the ILIAS registration is only for participation and NOT a registration for the examination!

Credit Point System With each completed module, the students earn credits for the workload associated with each module. The M.Sc. program has a requirement of 120 credits in total. The credit point system used in the M.Sc. program 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.

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

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

Matching a final score average, gives a Master Degree according to the grading list below:

inbetween 1,0 and 1,5 = very good (A)
inbetween 1,6 and 2,5 = good (B)
inbetween 2,6 and 3,5 = medium (C)
inbetween 3,6 and 4,0 = pass (D)

Additional and non-graded modules will not be included into the calculation for the final average grade.

Registering for Examinations

Students have to register for the examinations of each semester at the examination office per *HohCampus* during the time period announced at the examination office. When you have to register for an examination depends on whether it is a blocked or a non-blocked moduleMore information on examination periods and dates, deadlines for registration, withdrawal, and resits is given at the homepage of the examination office: www.uni-hohenheim.de/en/examination

Examinations

Each module is completed with an examination. 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 from a registered module examination is possible until 7 days before the examination date. The right to be admitted to an examination expires if:

- the examination of any module has been failed for the third time
- not all module examinations have been passed by the end of the seventh semester at the latest.
- the Master's Thesis has not been registered by the beginning of the seventh semester at the latest.

The right to be admitted to an examination does not expire if the candidate cannot be held responsible for the failure to comply with the deadline. The students are responsible for complying with these examination deadlines as well as all other regulations given in the examination regulations. The examination regulations are distributed by the Examinations Office.
An exchange of completed modules (elective and additional modules) on request is possible once in your studies (usually shortly before finishing).

Please note that plagiarism, that means copying text or phrases in a written examination (even as part of a partial performance) without quoting them accordingly, will be marked as a cheating attempt and the respective examination performance is to be graded "fail" (F; mark 5.0). A declaration (https://agrar.uni-hohenheim.de/en/plagiats) has to be attached to homeworks, presentations, and to the thesis. The final digital text document has to be transferred to the mentoring supervisor.

Exam Repetition

If an exam is failed, the Examinations Office will inform the student via mail. Students are responsible for checking with the responsible professor or the Examinations Office about dates for resit exams and registration deadlines. Usually resit exams for blocked modules will be scheduled by the responsible professor within the same semester. Resit exams in lectures will usually automatically be scheduled for the next examination period. Students are not obliged to take a re-exam in the next possible examination period, but can choose to take it in one of the later examination periods, if they wish.

Master's Thesis

The Master's thesis is intended to show that the candidate is able to work independently on a problem in the field of "Organic Agriculture and Food Systems" within a fixed period of time by applying scientific methods. The exam consists of a written (thesis) and an oral (defense) 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's thesis has to be completed within a period of six months. It is usually written during the fourth semester. Depending on the chosen topic, 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 University of Hohenheim or at one of the partner universities.

There are several possibilities for finding the right reviewer and the right topic. Sometimes you can find them from the homepage of the department or institute, or you can talk directly to a professor.
It is recommended to register the Master's thesis at the beginning of the fourth semester but it has to be registered at the latest at the beginning of the seventh semester. Otherwise it is graded "fail" (F; mark 5.0).

Evaluation of Modules The quality of courses and modules is evaluated every year by the students of all study programs. 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 at UHOH In the winter semester (WS) courses usually begin in week 42 and end in week 6 or 7 of the new year. In the summer semester (SS) courses usually begin the first Monday in April and end in week 30, 31, or 32. For unblocked modules the lecture period of each semester is followed by an examination period of three weeks. The last block period of each semester overlaps with this examination period for the unblocked modules.

Teaching Staff Most modules are organized and taught by professors of the University of Hohenheim who have broad experience in international research. Students also benefit from Hohenheim's network with academic partners worldwide. Guest speakers from partner universities as well as from research, development, and policy institutions cover additional topics, enriching the curriculum with special fields of expertise.

Academic Counselling Academic counsellors are assigned to advise on appropriate profiles and to support smooth and focused study progress. Elective modules that are suitable for the individual profile can be discussed with them. If a student wants to select modules offered by a faculty other than the Faculty of Agricultural Sciences, they have to be approved by the academic counsellor or the course coordinator beforehand.

Academic counsellors are:

- Dr. Zikeli, head of program and Center for Organic Farming
- Prof. Lippert, Institute for Production Theory and Resource Economics
- Prof. T. Müller, Institute of Fertilization and Soil Matter Dynamics
- Dr. Reiber, Institute of Animal Breeding and Husbandry in the Tropics and Subtropics

Partner Universities Due to the possibility to obtain a double degree in cooperation with BOKU, ISARA, WULS, or AU, double degree students have to study abroad in the third and fourth semester at one of these partner universities.

Single degree students may also request to spend the semester at universities within the UHOH's network of partner universities, especially at the other ELLS partners (LIFE, University of Kopenhagen, Swedish University of Agricultural Sciences (SLU), Sweden; Wageningen University, Netherlands; Czech University of Life Sciences (CZU), Czech Republic, or other universities worldwide.

Modules offered for - incoming students

The modules offered for incoming students for which Hohenheim is the host university are listed below.

The modules of the profiles are suggestions. All modules of the Faculty of Agricultural Sciences are available at https://www.uni-hohenheim.de/en/course-catalog

Profile: Socioeconomics and Organic Agriculture *(winter term)*

Sem	Code	Modules	Duration	Credits	Professor
3	3409-440	Soil Fertility and Fertilisation in Organic Farming	1 Semester	6	Müller, T.
3	3090-410	Organic Farming in the Tropics and Subtropics	1 Semester	6	Zikeli
3	4902-440	Economics and Environmental Policy	1 Semester	6	Brockmeier
3	4301-410	Knowledge and Innovation Management	1 Semester	6	Knierim
3	4302-460	Global Agri-food Systems: Conventional, Organic, and Beyond	1 Semester	6	Bieling

Profile: Organic Farming in the Trop. and Subtrop. *(winter term)*

Sem	Code	Modules	Duration	Credits	Professor
3	3409-440	Soil Fertility and Fertilisation in Organic Farming	1 Semester	6	Müller, T.
3	3409-480	Fertilisation and Soil Fertility Mangement in the Tropics and Subtropics	1 semester e-learning	6	Müller, T.
3	3090-410	Organic Farming in the Tropics and Subtropics	1 Semester	6	Zikeli
3	4301-410	Knowledge and Innovation Management	1 Semester	6	Knierim
3	4302-460	Global Agri-food Systems: Conventional, Organic, and Beyond	1 Semester	6	Bieling
3	4905-420	Crop Production Systems	1 Semester	6	Cadisch
3	4906-410*	Ecology and Agroecosystems	1 Semester	6	Graß
3	4908-440	Livestock Production Systems and Development	1 Semester	6	Chagunda

* Number of places is limited. Please register for participation on ILIAS

Profile: Organic Crop Production *(winter term)*

Sem	Code	Modules	Duration	Credits	Professor
3	3409-440	Soil Fertility and Fertilisation in Organic Farming	1 Semester	6	Müller, T.
3	3409-480	Fertilisation and Soil Fertility Mangement in the Tropics and Subtropics	1 semester e-learning	6	Müller, T.

Sem	Code	Modules	Duration	Credits	Professor
3	3408-460	Plant Quality	1 Semester	6	Ludewig
3	3402-420	Quantitative Methods in Biosciences	1 Semester	6	Piepho
3	3504-460*	Seed Testing	1 Semester	6	Kruse
3	3603-480	Entomology	1 Semester	6	Petschenka
3	4906-410*	Ecology and Agroeco-systems	1 Semester	6	Graß

* Number of places is limited. Please register for participation on ILIAS

Profile: Socioeconomics and Organic Agriculture *(summer term)*

Sem	Code	Modules	Duration	Credits	Professor
2	4101-410	Environmental and Re-source Economics	1 Semester	6	Lippert
2	4201-410	Agricultural and Food Policy	1 Semester	6	Wieck
2	4203-460	Sustainability Marketing & Marketing Consulting	1 Semester	6	Weinrich
2	4903-470	Qualitative Research Methods in Rural Devel-opment Studies	1 Semester	6	Birner
2	4903-450	Innovations in Agricul-ture	1 Semester	6	Birner

Profile: Organic Farming in the Trop. and Subtrop. *(summer term)*

Sem	Code	Modules	Duration	Credits	Professor
2	4403-550	Post-Harvest Technol-ogy of Food and Bio-Based Products	SS, Block 2	7.5	Müller, J.
2	4403-470	Renewable Energy for Rural Areas	SS, Block 3	7.5	Müller, J.
2	4905-430	Integrated Agricultural Production Systems	SS, Block 2	7.5	Cadisch
2	4905-470	Biodiversity and Genetic Resources	SS, Block 2	7.5	Rasche
2	4907-420	Ecophysiology of Crops in the Trop. and Subtrop.	SS, Block 2	7.5	Asch
2	4908-420	Promotion of Livestock in Tropical Environments	SS, Block 4	7.5	Chagunda

Profile: Organic Crop Production *(summer term)*

Sem	Code	Modules	Duration	Credits	Professor
2	3401-460	Organic Plant Production	1 Semester	6	Claupein
2	3090-420	Problems and Perspec-tives of Organic Farming	1 Semester	6	Zikeli
2	3501-450	Breeding Methodology	1 Semester	6	Würschum
2	3603-420	Crop Protection in Organic Farming	1 Semester	6	Petschenka

Degree	After successful completion of all modules as well as the thesis, the student is awarded the degree "Master of Science" (M.Sc.) in Organic Agriculture and Food Systems either as a single or as a double degree. This degree entitles the student to continue with a Ph.D./doctoral program if the total grade is above average.
Responsible Scientists	Dr. Sabine Zikeli, Ececutive Director of the Center for Organic Farming at the University of Hohenheim
Contact	Program Coordinator Organic Agriculture and Food Systems, Kerstin Hoffbauer, University of Hohenheim (300), 70593 Stuttgart, Germany, Tel. +49-(0) 711-459-23328, Fax +49-(0) 711-459-23315, E-mail: khoffbau@uni-hohenheim.de, www.uni-hohenheim.de/eur-organic

MSc-Studien- und Prüfungsplan | MSc Study and Examination Plan

Name: _____ Studiengang / **Study Program:** _____

Dieser Plan dient als Diskussionsgrundlage für ein Beratungsgespräch und ist danach für Ihre Unterlagen bestimmt. Geben Sie bei jedem Modul Modulkennung, Modulname, Credits und Verbindlichkeit an. (P=Pflicht-, WP=Wahlpflicht-, W=Wahl-, Z=Zusatzmodul). Es wird dringend empfohlen, in einem Semester entweder nur geblockte oder ungeblockte Module zu belegen. ***Bitte achten Sie selbst darauf, bis zum Ende Ihres Studiums die für Ihren Studiengang erforderliche Anzahl von Wahlpflichtmodulen abzulegen.*** | *This document serves as a basis for an advising session. Keep it with your own study documents afterwards. Fill in the name, code, and credits of all modules and specify for each module if it is a compulsory (C), semi-elective (S), elective (E), or an additional (A) module for you. It is strongly recommended NOT to mix blocked and unblocked modules within one semester.* ***It is your own responsibility to complete the minimum amount of semi-elective modules required for your degree program by the end of your studies****.*

1st Semester WS / SS: ……..	Verbindlichkeit | Bindingness	Credits	2nd Semester: WS / SS: …….	Verbindlichkeit | Bindingness	Credits	3rd Semester: WS / SS: ……	Verbindlichkeit | Bindingness	Credits	4th Semester: WS / SS: ……..	Verbindlichkeit | Bindingness	Credits
Σ Semester Credits	X		X	X		X	X		X	X	

Geblockte Module der Fakultät Agrarwissenschaften für das Wintersemester 2021/22 18.08.2021
Blocked Modules in Winter Semester 2021/22

● = Pflicht/Compulsory ◖ = Wahlpflicht/Semi-elective ○ = Wahl/Elective

Blockperiode / Period Studiengang / Study Course	**Block 1** *(7.5 credits!)* **18.10. - 12.11.2021**	**Block 2** *(7.5 credits!)* **15.11. - 10.12.2021**	**Block 3** *(7.5 credits!)* **13.12. – 22.12.2021 + 10.01. – 21.01.2022**	**Block 4** *(7.5 credits!)* **24.01. - 18.02.2022**	**März-Block/ March Block** **i.d.R 28.02.-23.03.2022**
M.Sc. Agrarwissenschaften Pflanzen- und Tierwissensch.					○ **4611-440**~~420~~ (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (*7,5 credits*)
M.Sc. Agrarwissenschaften Tierwissenschaften					◖ **4601-480** (Rodehutscord) Futtermitteltechnologie und -analytik *(6 credits)*
M.Sc. Agrarbiologie (nur die Module der Fakultät A)					◖ **4611-440**~~420~~ (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (*7,5 credits*)
M.Sc. EnviroFood					◖ **3003-410** (Schöne) Food Safety and Quality Chains (6 credits)
M.Sc. Landscape Ecology	● **3201-560** (Schurr) Landscape Ecology	● **3201-570** (Schurr) Community and Evolutionary Ecology	● **3201-580** (Schurr) Conservation Biology	● **3202-440** (Schweiger) Plant Ecology	○ **3201-420** (Schurr) Methods in Landscape and Plant Ecology *(7.5 credits!)*
M.Sc EnvEuro Ecosystems and Biodiversity (package 2)	◖ **3201-560** (Schurr) Landscape Ecology	◖ **3201-570** (Schurr) Community and Evolutionary Ecology	◖ **3201-580** (Schurr) Conservation Biology	◖ **3202-440** (Schweiger) Plant Ecology	◖ **3201-420** (Schurr) Methods in Landscape and Plant Ecology *(7.5 credits!)*
M.Sc. Crop Sciences					○ **3103-410** (Priesack) Plant and Crop Modeling (6 credicts)
M.Sc. Agritropics					○ **4909-430** (Focken) Experimental Aquaculture (*07.-18.03. 2022 at Bremerhaven) (6 credits)*

Anmeldemodalitäten für Teilnahme siehe HohCampus: Modulbeschreibungen anzeigen/ Check HohCampus for how to register for participation: View module handbooks

Übersicht über die Struktur aller Master-Programme der Fakultät Agrarwissenschaften

Master Studiengänge			Semesterstruktur			
Studiengang	**Fachrichtung**	**Sprache**	**Wintersemester 1** (Pflicht-/WP)	**Sommersemester1** (Pflicht-/WP/Wahlmodule)	**Wintersemester 2** (Pflicht-/WP-/Wahlmodule)	**Sommersemester 2**
AB		Deutsch	semesterbegleitend	geblockt	semesterbegl. o. geblockt	Master-Thesis
AW	Agrartechnik	Deutsch	semesterbegleitend	semesterbegleitend	semesterbegleitend	Master-Thesis
	Bodenwissenschaften	Deutsch	semesterbegleitend	geblockt	semesterbegleitend	Master-Thesis
	Pflanzenproduktionssysteme	Deutsch	semesterbegleitend	semesterbegleitend	semesterbegleitend	Master-Thesis
	Tierwissenschaften	Deutsch	semesterbegleitend	geblockt	semesterbegleitend	Master-Thesis
Agribusiness		Deutsch	semesterbegleitend	semesterbegleitend	semesterbegleitend	Master-Thesis
NawaRo		Deutsch	semesterbegleitend	semesterbegleitend*	semesterbegleitend	Master-Thesis
Crop Sciences	Plant breeding & seed scien.	Englisch	semesterbegleitend	semesterbegleitend	semesterbegleitend	Master-Thesis
	Plant nutrition & protection		semesterbegleitend	semesterbegl.o.geblockt*	semesterbegleitend	Master-Thesis
AgriTropics		Englisch	semesterbegleitend	geblockt	semesterbegleitend	Master-Thesis
AgEcon		Englisch	semesterbegleitend	semesterbegleitend	semesterbegleitend	Master-Thesis
Landscape Ecology		Englisch	geblockt	geblockt	semesterbegleitend	Master-Thesis
EnviroFood		Englisch	semesterbegleitend	geblockt	semesterbegleitend	Master-Thesis
Bioeconomy		Englisch	semesterbegleitend	semesterbegleitend	Paket Fak. W / A oder N*	
Double Degree	**Spezialisierung**					
EnvEuro	Ecosystems & Biodiversity	Englisch	semesterbegleitend	geblockt	semesterbegl. o.geblockt*	Master-Thesis
	Environmental Management		semesterbegleitend	geblockt	semesterbegleitend	Master-Thesis
	Soil Resources & Land Use		semesterbegleitend	geblockt	semesterbegleitend	Master-Thesis
	Environmental Impacts		-	-	semesterbegleitend	Master-Thesis
	Climate Change		-	-	semesterbegleitend	Master-Thesis
EurOrganic		Englisch	semesterbegleitend	semesterbegleitend	semesterbegleitend	Master-Thesis

Blocked Modules in Summer Semester 2022

18.08.2021

● = Pflicht/Compulsory ◖ = Wahlpflicht/Semi-elective ○ = Wahl/Elective

Blockperiode / Period Studiengang / Study Course	**Block 1** *(7,5 credits)* **04.04. - 29.04.2022**	**Block 2** *(7,5 credits)* **02.05. - 27.05.2022**	**Block 3** *(7,5 credits)* **30.05. - 03.06.2022 + 13.06. - 01.07.2022**	**Block 4** *(7,5 credits)* **04.07. - 29.07.2022**	**By arrangement** *(7,5 credits)*
M.Sc. Agrarwissenschaften Bodenwissenschaften	◖ **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **3102-440** (Kandeler) Environmental Pollution and Soil Organisms	◖ **3101-570** (Herrmann) Boden- und veg.kundl. Geländeübung / Field Course Soils + Vegetation	● **3101-430** (Herrmann) Integriertes bodenwissenschaftliches. Projekt für Fortgeschrittene	◖ **3102-420** (Kandeler) Bodenwissenschaftliches Experiment/Project in Soil Sciences (Engl.+ Ger.)
		◖ **3201-620** (Schmieder) Vegetation and Soils of Centr. Europe			○ **3101-420** (Herrmann) Internationale standortkundliche Geländeübung (Engl.+Ger.) (September 2022, 2024, ..)
M.Sc. Agrarwissenschaften	○ **3602-410** (Gerhards) Integrierter Pflanzenschutz mit Übungen		◖ **7301-410**(Rosenkranz) Bienen	○ **4604-420** (Steffl) Seminar zu klinischen Fallstudien der Spez. Anatomie und Phys. d. Nutztiere	○ **4407-480** (Stein) Introduction to Machine Learning in Python (*E-Learning*)
		○ **7301-400** (Rosenkranz) Soziale Insekten *(10 Plätze f. Fak. A)*		○ **4605-500** (Hölzle) Biologische Sicherheit und Gentechnikrecht	○ **4408-480** (Kruse, A.) Der Business Design Prozess - Von der Idee zum Produkt (*6 Credits*)
Tierwissenschaften: Profil Ernährung und Futtermittel	◖ **4603-420** (Seifert) Futtermittelmikrobiologie	◖ **4601-470** (Rodehutscord) Tracerbasierte Methoden in der Tierernährung		◖ **4601-450** (Rodehutscord.) Spezielle Ernährung der Wiederkäuer	
Tierwissenschaften: Profil Genomik und Züchtung		◖ **4607-510** (Bennewitz) Zuchtplanung und Zuchtpraxis i. d. Nutztierwissenschaften	◖ **4608-420** (Hasselmann) Molekulare Evolution und Populationsgenetik		
Tierwissenschaften: Profil Gesundheit und Verhalten	◖ **4606-490** (Stefanski) Verhaltensbiologie ◖ **4605-480** (Hölzle) Spezielle Tierhygiene und Tierschutz	◖ **4606-420** (Stefanski) Immunologie und Infektionsbiologie	◖ **4604-410** (Huber) Leistungsassoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren		
M.Sc. Agrarbiologie (nur die Module der Fakultät A)		◖ **4906-430** (Graß) Field Course Agroecology and Biodiversity	◖ **4603-440** (Seifert) Interaktionen Mikrobiom-Nutztier		
	◖ **4613-420** (Camarinha Silva) Microbiome in animals and humans	◖ **4611-430** (Kube) Infektionserkrankungen, aktuelle Herausforderung bei Nutzpfl. und Nutztier	◖ **4606-430** (Stefanski) Integrative Immunbiologie bei Tieren	◖ **4605-500** (Hölzle) Biologische Sicherheit und Gentechnikrecht	
	◖ **3601-410** (Vögele) Molecular Phytopathology	◖ **4907-420** (Asch) Ecophysiology of Crops in the T+S		◖ **3411-430** (Schmöckel) Von Genen und Genregulation zu Transgenen und editierten Genomen	
	◖ **3102-460** (Kandeler) Molekulare Bodenökologie /Molecular Soil Ecology	◖ **3102-440** (Kandeler) Environmental Pollution and Soil Organisms	◖ **4608-420** (Hasselmann) Molekulare Evolution und Populationsgenetik	◖ **3408-420** (Ludewig) Genetische und molekulare Regulation der pflanzlichen Nährstoffaufnahme	
M.Sc. Crop Sciences	○ **3601-410** (Vögele) Molecular Phytopathology	○ **4905-430** (Cadisch) Integr. Agricultural Production Systems ○ **4905-470** (Rasche) Biodiversity and Genetic Resources	○ **4907-430** (Asch) Crop Prod. Affecting the Hydrological Cycle	○ **2202-400** (Mackenstedt) Pathogens, Parasites and their Hosts, Ecology, Molec. Interactions a. Evolution *(8 Pl. UHOH)*	
		○ **4907-420** (Asch) Ecophysiology of Crops in the T+S		○ **4605-500** (Hölzle) Biologische Sicherheit und Gentechnikrecht	

M.Sc. AgriTropics	● **4907-440** (Asch) Interdiscipl. Practical Science Training	○ **4905-470** (Rasche) Biodiversity and Genetic Resources			
Livestock		○ **4908-480** (Chagunda) Animal Breeding for Sustainable Development		○ **4908-420** (Chagunda) Promotion of Livestock in Trop. Environments	○ **4909-430** (Focken) Experimental Aquaculture (*at Bremerhaven) (6 credits)*
Crops		○ **4905-430** (Cadisch) Integrated Agricultural Production Systems	○ **4907-430** (Asch) Crop Production Affecting the Hydrological Cycle		
		○ **4907-420** (Asch) Ecophysiology of Crops in the Tropics and Subtropics			
Engineering		○ **4403-550** (Müller, J.) Postharvest Technology of Food and Bio-Based Products	○ **4403-470** (Müller, J.) Renewable Energy for Rural Areas	○ **4403-410** (Müller, J.) Irrigation and Drainage Technology	○ **4407-480** (Stein) Introduction to Machine Learning in Python (*E-Learning*)
M.Sc. EnviroFood	● **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **3102-440** (Kandeler) Environmental Pollution and Soil Organisms	◖ **4302-470** (Bieling) Landscape Change, Resilience, and Ecosystem Services		
		◖ **4905-470** (Rasche) Biodiversity and Genetic Resources			
		◖ **4403-550** (Müller, J.) Postharvest Technology of Food and Bio-Based Products	◖ **4403-470** (Müller, J.) Renewable Energy for Rural Areas	◖ **4403-410** (Müller, J.) Irrigation and Drainage Technology	
M.Sc. EnvEuro Environmental Management	● **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **4905-430** (Cadisch) Integrated Agricultural Production Systems	◖ **4403-470** (Müller, J.) Renewable Energy for Rural Areas	○ **3201-600** (Schurr) Intensive Course Landscape Ecology	◖ **3409-480** (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		◖ **4905-470** (Rasche) Biodiversity and Genetic Resources	◖ **4302-470** (Bieling) Landscape Change, Resilience, and Ecosystem Services	◖ **4403-410** (Müller, J.) Irrigation and Drainage Technology	
Soil Resources and Land Use	● **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **3201-620** (Schmieder) Vegetation and Soils of Centr. Europe	○ **4907-430** (Asch) Crop Production Affecting the Hydrological Cycle		◖ **3409-480** (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		◖ **3102-440** (Kandeler) Environmental Pollution and Soil Organisms	◖ **3101-570** (Herrmann) Field Course Soils and Vegetation	◖ **4403-410** (Müller, J.) Irrigation and Drainage Technology	◖ **3102-420** (Kandeler) Bodenwissenschaftl. Experiment/Project in Soil Sciences (Engl.+ Ger.)
					◖ 3202-460 (Schweiger) Plant Ecology of Cultural Landscapes
Ecosystems and Biodiversity	● **3201-590** (Schurr) Combining Ecological Models and Data	◖ **3201-620** (Schmieder) Vegetation and Soils of Centr. Europe	◖ **3101-570** (Herrmann) Field Course Soils and Vegetation	○ **2202-400** (Mackenstedt) Pathogens, Parasites and their Hosts, Ecology, Molec. Interactions a. Evolution *(8 Pl. UHOH)*	○ **3101-420** (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2022, 2024, ….)
		◖ **4905-470** (Rasche) Biodiversity and Genetic Resources	◖ **4302-470** (Bieling) Landscape Change, Resilience, and Ecosystem Services	◖ **3201-600** (Schurr) Intensive Course Landscape Ecology	
M.Sc. Landscape Ecology	◖ **3201-590** (Schurr) Combining Ecological Modells and Data	◖ **3201-620** (Schmieder) Vegetation and Soils of Centr. Europe	◖ **3101-570** (Herrmann) Field Course Soils and Vegetation	● **3201-600** (Schurr) Intensive Course Landscape Ecology	○ **3101-420** (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2022, 2024,...)
	◖ **3103-450** (Streck) Spatial Data Analysis with GIS	◖ **4905-470** (Rasche) Biodiversity and Genetic Resources	◖ **4403-470** (Müller, J.) Renewable Energy for Rural Areas		
		◖ **4906-430** (Graß) Field Course Agroecology and Biodiversity	◖ **4302-470** (Bieling) Landscape Change, Resilience, and Ecosystem Services		◖ **3202-460** (Schweiger) Plant Ecology of Cultural Landscapes
	(◖) **3102-460** (Kandeler) Molekulare Bodenökologie /Molecular Soil Ecology		◖ **4906-440** (Graß) Agroecology and Biotic Resource Conservation		

Lecture Periods at UHOH

WS 21/22	**First day of unblocked modules:**	(42. KW) Monday, 18 Oct 2021
	First day of blocked modules:	(42. KW) Monday, 18 Oct 2021
	Last day of unblocked modules:	(5. KW) Saturday, 05 Feb 2022
	Last day of blocked modules:	(7. KW) Friday, 18 Feb 2022
SS 22	**First day of blocked modules:**	(14. KW) Monday, 4 Apr 2022
	First day of unblocked modules:	(14. KW) Monday, 4 Apr 2022
	Last day of unblocked modules:	(28. KW) Saturday, 16 Jul 2022
	Last day of blocked modules:	(30. KW) Friday, 29 Jul 2022

No lectures: All Saints' Day: Thurs, 01 Nov 2021, Christmas holidays: Thu, 23 Dec 2021 – Fr 07 Jan 2022, Easter: Fri, 15 Apr – Mon, 18 Apr 2022, International Labor Day: Sun, 01 May 2022, Ascension: Thurs, 26 May 2022, Pentecost: Mon, 06 Jun 2022 – Sat, 11 Jun 2022 (excursions might take place during that week!), Corpus Christi: Thurs, 16 June 2022.

See also: https://www.uni-hohenheim.de/en/semester-dates

Examination periods for the winter semester 2021/22 and the summer semester 2022 were not known at the time of publishing this curriculum.

Check the website of the Examinations Office for up-to-date information: https://www.uni-hohenheim.de/en/examination

Explanation of the Module Codes

For example: 3103-450 Spatial Data Analysis with GIS

310: Indicates the number of the institute (310: Institute of Soil Sciences)

450: The 4 indicates that it is a module on Master's level (lower numbers indicate Bachelor's level. Bachelor's modules cannot be chosen as elective modules!)

The 0 indicates that it is the module name. 1, 2 or 3 as last digit indicate that it is a teaching sub-unit within a module (tutorial, exercises, lectu)