



UNIVERSITY OF  
HOHENHEIM



CURRICULUM | AUGUST 2023

# Organic Agriculture and Food Systems

Master of Science

## ***Preamble***

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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 and summarizes the most important exam regulations (issued the 12th of February 2019, including all amendments that were introduced up to 6th of July 2022).

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

If in doubt, please contact the coordinator of the program (eur-organic@uni-hohenheim.de) to obtain up-to-date information. For up-to-date module descriptions please refer to the website at <https://www.uni-hohenheim.de/en/module-catalogue#Master>. 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>.

## ***Imprint***

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# The Master's Program "*Organic Agriculture and Food Systems*"

## **1 Program and Qualification Objectives**

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Consumers are increasingly interested in the quality of their food and the manner in which it is produced. Organic farming offers consumers insight and influence over these aspects of their food, and is therefore increasing in the share of food consumed and produced.

The production standards of Organic farming 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 matching, growing need for experts to provide knowledge of the organic food chain, including primary food production, food processing, 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, which opens doors to future opportunities.

Students can choose to follow a single degree or a double degree with one of our partner universities.

## **2 Admission Requirements**

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To be eligible for admission, students must have successfully completed a Bachelor's degree program in Agricultural Sciences, Natural Sciences or a related field. Please refer to the admission regulations for the Organic Agriculture and Food Systems degree program for a list of acceptable Bachelor's degrees. Additionally, applicants must demonstrate English language proficiency at the level of 90 points on the "Internet Based TOEFL", as outlined in the admission regulations.

## **3 Degree and Career Perspectives**

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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 to continuing with a Ph.D./doctoral program if the total grade is above average.

Organic agriculture is a growing market requiring experts with well-founded knowledge in the production of organic food as well as processing and quality control. A Masters degree in "*Organic Agriculture and Food Systems*" qualifies the graduates for national and international jobs in the Agricultural and Food Sector. Possible career fields are:

- Organic food and cosmetic companies
- Trade
- Quality management
- Certification



- Agricultural consulting
- Non-governmental organizations and associations
- Universities and research institutions
- Agricultural management

Examples of possible careers after the graduation can be found at the EurOrganic alumni website: <https://www.uni-hohenheim.de/eurorganic-alumni>

## 4 Modules

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### 4.1 What is a Module?

A module is a teaching unit and can consist of several courses (lecture, seminar, excursion, practical exercises ...). Modules at the University of Hohenheim correspond to 6 ECTS credits (unblocked modules) or 7,5 ECTS credits (blocked modules). A few modules with higher workload correspond to 12 or even 15 credits. (See also chapter 2.4)

A detailed description on the content and structure of each module is found in the Module catalogue <https://www.uni-hohenheim.de/modulkatalog#Master>

### 4.2 Modules and associated workload

Students earn ECTS-Credits for the workload associated with each module (1 ECTS-Credit = 30 h workload). A module of 6 credits corresponds to a workload of 4 SWS (4 weekly semester hours / 56 total contact hours). A module of 7.5 credits corresponds to a workload of 5 SWS (5 weekly semester hours / 70 total contact hours). In addition, each credit requires preparation time, 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.

The M.Sc. program has a requirement of 120 credits in total (90 credits from course work, 30 credits for the Master's thesis).

### 4.3 Modules per semester

A typical semester consists of 30 credits, and is either composed of 5 unblocked modules, (6 credits each) or 4 blocked modules (7,5 credits each). Typically, the modules are completed in the first three semesters, followed by the Master's thesis in the fourth semester. However, the examinations regulations allow a certain degree of flexibility. For details, refer to <https://www.uni-hohenheim.de/en/examination>.

### 4.4 Blocked and unblocked modules

The University of Hohenheim offers two different types of modules: unblocked modules and blocked modules. Unblocked modules correspond to a workload of 6 credits and blocked modules to a workload of 7.5 credits.

#### 4.4.1 Unblocked Modules

Unblocked modules are based on 4 contact hours per week for the whole semester period. They end with an exam at the end of the semester. Unblocked modules are the standard for the Master's program in Organic Agriculture and Food Systems. All compulsory modules of this study program are unblocked

#### 4.4.2 *Blocked Modules*

Blocked Modules are composed of 3 weeks of daily instruction (usually 5 hours per day) followed by one week of individual preparation, ending with a final exam at the end of the 4th week. Blocked modules correspond to a higher workload than unblocked modules, and are therefore worth 7.5 credits. However, mixing blocked and unblocked modules in one semester it is not recommended, as lectures and lesson follow-up may overlap significantly.

### 4.5 **Module Categories**

Each Master's program consists of compulsory and elective modules; some study programs also include semi-elective modules. The credits of each module correspond to the workload and not to the category, i.e. an elective module with 6 credits has the equal weight as a compulsory module with regard to the final average grade.

#### 4.5.1 *Compulsory Modules*

... are the modules providing the core knowledge of the study program. Those modules have to be completed to obtain the M.Sc. degree.

#### 4.5.2 *Semi-elective Modules*

... are modules covering a wider range of content related to the aim of the study program. In some programs, a defined minimum number of modules out of a pool of semi-elective modules have to be chosen and completed.

#### 4.5.3 *Elective modules*

... are modules chosen by the individual students, according to their interests. They are the modules outside of a program's compulsory modules, which contribute to the final total of 90 ECTS credits required for the achievement of an M.Sc. degree. They can be chosen from all Master's modules offered by the Faculty of Agricultural Sciences of the University of Hohenheim. On request, subject-related Master's modules offered from other faculties or other universities can also be chosen.

Note: Bachelor's modules cannot be chosen as elective modules.

#### 4.5.4 *Additional modules*

... are modules taken out of individual interest beyond the 90 ECTS coursework credits required for the completion of the degree. Credits from additional modules will not be included in the calculation for your final average grade. But, on request to the examinations office, they can be shown on your final transcript.

There are two special cases of elective modules, which are worth highlighting:

#### 4.5.5 *Portfolio Module (3000-410)*

You can gain up to 7,5 credits (not graded) for extra-curricular activities like internships, participation in conferences, trainings or summer schools, language courses (max. 3 credits), writing research papers, courses on statistical programs or similar activities. These credits can replace an elective module. The detailed explanation is found in the [module catalog](#) under module code 3000-410.

#### 4.5.6 *English for Scientific Purposes (3000-420)*

This module consists of four English courses of C1 level at the language center Hohenheim. You can choose from several courses and workshops and they can stretch over several semesters.

After completing the four courses/workshops you have to write an exam to obtain the UniCert III certificate. This module counts as an elective module and is the only way language courses can be recognized for your studies apart from the portfolio module. The detailed explanation is found in the [module catalog](#) under module code 3000-420.

#### 4.6 Certificate program - Artificial Intelligence and Data Science in Hohenheim (AIDAHO)

The program is designed for students of all faculties: <https://aidaho.uni-hohenheim.de/en/home>. The aim of AIDAHO is to increase the expertise of its participants in the fields of Artificial Intelligence (AI), Data Science and Scientific Computing. Students can enroll in the certificate in addition to their main course of study. The AIDAHO courses can be taken in any order.

##### *How to achieve the certificate*

To successfully complete the program, students have to pass at least five AIDAHO modules (30 ECTS).

- There are **three mandatory basic modules** that all participants have to complete. The courses of these modules teach basic programming skills and statistic methods.
- In the **two semi-elective specialization modules** students can either deepen their methodological skills or choose to work on data projects in application seminars.

The following sections cover additional information about the basic and specialization modules. A complete list of all courses of all faculties in the AIDAHO program can be found here: <https://aidaho.uni-hohenheim.de/en/courses>

The basic modules contain three courses which all participants of the AIDAHO program have to pass:

Sem	Code	Name of Module	Duration	Credits	Professor
1 or 2	5000-300 (B.Sc.-level!)	Tools for AI & Data Science <i>(no elective module, only additional for M.Sc.)</i> *(AIDAHO-Basic)	1 Semester	6	Krupitzer/ Vogelgesang
2	4407-480	Introduction to Machine Learning with Python*(AIDAHO-Basic)	1 Semester	6	Stein
1/3	5107-410	Introduction to Applied Data Science*(AIDAHO-Basic)	1 Semester	6	Dimpf

In the specializing part students enrol in two modules. At least one of them has to be an application course. Modules of this curriculum that apply to the AIDAHO certificate as a specialization module \*(AIDAHO specialization) or application course \*(AIDAHO application) are marked. All these modules can be integrated into the Master's degree at the same time in accordance with the program-specific regulations.

Passed project works, seminar papers or theses, in which a substantial part was the quantitative data analysis or working with machine learning/artificial intelligence, can be credited as an "application course".

Questions about the AIDAHO certificate should be directed to [aidaho@uni-hohenheim.de](mailto:aidaho@uni-hohenheim.de)

## 4.7 Modules with limited numbers 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 such modules in advance. See also: <https://www.uni-hohenheim.de/en/registration-for-modules>.

If the number of participants is limited, 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](https://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 for each course are allocated. Further instructions and information, e.g. how to contact the relevant lecturer or to join the waiting list are also available there. Generally, students for whom the respective module is compulsory or the last module that needs to be completed to finish a degree program will 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.

## 4.8 Module codes

Each module and each course has a specific code. Example: 4902-440 Economics and Environmental Policy.

The first four digits represent the respective institute and the department or study field (i.e. of the responsible person / course instructor). The next three digits correspond to the type of module and the term, as well as the course.

**4902-440** = institute number (490 Institute of Agricultural Sciences in the Tropics "Hans Ruthenberg Institute")

**0002-000** = department within the institute (2 corresponds to the 2<sup>nd</sup> letter in the alphabet: B -> department 490b International Agricultural Trade and Food Security)

**0000-440** = module designation:

01 - 40 modules for Bachelor's students

**41 - 80 modules for Master's students**

81 - 90 modules for doctoral candidates

**0000-011** = course 1 of a module (1 - 9 courses possible)

0 at the end of the code indicates that it is the module name. 1, 2 or 3 as last digit indicate that it is a course (sub-unit) within a module (tutorial, exercises, lectures, etc.)

The module 4902-440 Economics and Environmental Policy consist of four courses:

- 4902-441 Basic Microeconomics
- 4902-442 Environmental Policy
- 4902-443 Exercises to Basic Microeconomics
- 4902-444 Exercises to Environmental Policy

Note: It is important to check for the times and venues of all courses that belong to a module!



## 4.9 Individual Timetable

The Master's programs at the University of Hohenheim offer a high variety of different modules that can be chosen as elective modules. This allows for a personalized study profile with different specializations as well as for the creation of individual timetables depending on the choice of courses.

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: <https://www.uni-hohenheim.de/en/course-catalog>. It is linked to the modules listed in the HohCampus Study Planner. A [tool to compose a virtual individual timetable](https://hohcampus.uni-hohenheim.de/en/hohcampus-help-schedule) is also available on HohCampus: <https://hohcampus.uni-hohenheim.de/en/hohcampus-help-schedule>. Please note: many modules consist of more than one course e.g. a lecture and a seminar (see above, module code explanation).

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").

## 4.10 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 on paper or sent as online links by email and evaluated by the Faculty of Agricultural Sciences. 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. This feedback is important for the Faculty to be able to continuously improve the study experience for our students.

## 5 Examinations

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Each module is completed with an examination. To be eligible for an exam, students must register for it on HohCampus during the designated registration periods. These periods are published on the examinations office website and in HohCampus. During the registration process, students have the option to choose whether the module should be categorized as semi-elective, elective, or additional (refer to chapter 4.5 Module Categories for more details). It is important to note that students are allowed to change the designation of modules (e.g., from additional to elective or vice-versa) only once throughout their entire study period. Consequently, most students opt to request this change shortly before completing their degree, as they will have access to the most information and can make better-informed decisions based on their completed modules.

In every semester there are two designated examination periods and students can choose in which period they want to write the exam. 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. The first examination period starts directly after the end of the lecture period, the second examination period takes place shortly before the lecture period of the next semester starts. 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.

Please note that plagiarism — 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 (available at: <https://agrar.uni-hohenheim.de/en/plagiats>) has to be attached to homework's, presentations, and to the Master's thesis.

## 5.1 Registering for Examinations

Students have to register for the examinations of each semester at the examination office using HohCampus. The registration must take place 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 module. More information on examination periods and dates, deadlines for registration, withdrawal, and retests is given at the homepage of the examination office (<https://www.uni-hohenheim.de/en/examination>). Please note: the ILIAS registration is only for participation in the module and is NOT a registration for the examination!

## 5.2 Exam Repetition

If an exam is failed, the Examinations Office will inform the student via post. Students are responsible for checking in HohCampus or with the responsible professor about dates for resit exams and registration deadlines. Resit exams for blocked modules will usually be scheduled by the responsible professor within the same semester. Resit exams in unblocked modules will usually 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.

# 6 Marks and Grades

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## 6.1 Credit Point System at the University of Hohenheim

With each completed module, 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	score	
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 final score is calculated as an average score weighted according to the credits achieved in all modules and the thesis.

The final, weighted average of received scores results in a final grade for the Master's degree according to the table below:

between 1,0 and 1,5 = very good (A)

between 1,6 and 2,5 = good (B)

between 2,6 and 3,5 = medium (C)

between 3,6 and 4,0 = pass (D)

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

## 6.2 Transfer of grades from the partner universities

The double degree structure of the EurOrganic program requires that students change to one of the four partner universities (host universities) in the second year of their studies. Once the remaining courses and the Master's thesis have been completed at the host university the students have to send the transcript of records of the host university to the examination office at the University of Hohenheim. The grades of the host university will be included in the transcript of records of Hohenheim. The transfer of the grades from the partner universities is calculated as follows:

	UHOH		AU	ISARA	WULS	BOKU
	grades	grade-points				
<b>very good</b>	A	1	12	>16,00-15,61	5	1
	A-	1,3	*	15,60-14,81	*	*
<b>good</b>	B+	1,7	10	14,80-14,21	4,5	*
	B	2	*	14,20-13,61	*	2
	B-	2,3	7	13,60-12,81	4	*
<b>medium</b>	C+	2,7	*	12,80-12,21	*	*
	C	3	*	12,20-11,61	*	3
	C-	3,3	4	11,60-10,81	3,5	*
<b>pass</b>	D+	3,7	*	10,80-10,21	*	*
	D	4	2	10,20-10,00	3	4
<b>fail</b>	F	5	<2	<10	2	5

UHOH: = University of Hohenheim, Germany

AU = Aarhus University, Denmark

ISARA = Agro School for Life, Lyon, France

SGGW = Warsaw University of Life Sciences, Poland

BOKU = University of Natural Resources and Life Science, Austria

## 7 Semester structure

The academic year at the University of Hohenheim is structured into two semesters, a winter semester (October until March) and a summer semester (April until September). The lecture period of each semester usually lasts 14 weeks (winter as well as summer semester).

Winter semester (WS) courses usually begin in the middle of October and end in February of the following year. Summer semester (SS) courses begin the first Monday in April and by end of July / beginning of August. 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.

(See here <https://www.uni-hohenheim.de/en/semester-dates> and also back side of this brochure for important semester dates)

## 8 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 module 'Project in Organic Agriculture and Food Systems' constitutes a major focus of the study program.

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 international applicability and 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 each year.

1st Semester	2nd Semester	3rd Semester	4th Semester
3090-440 (Zikeli) Organic Food Systems and Concepts OR 3090-460 (Zikeli) Principles of Organic Food Systems	4302-460 (Bieling) Global Agri-food Systems: Conventional, Organic, and Beyond	Elective module	Master's Thesis (30 ECTS)
4902-440 (Boysen-Urban) Economics and Environmental Policy	4203-460 (Weinrich) Sustainability Marketing & Marketing Consulting	Elective module	
3090-430 (Zikeli) Processing and Quality of Organic Food	3090-470 (Zikeli) Organic Plant Production	Elective module	
4908-480 (Chagunda) Organic Livestock Farming and Products	Elective module	Elective module	
3090-450 (Zikeli) Project in Organic Agriculture and Food Systems (12 credits)		Elective module	

### 8.1 Single degree

Students who intend to study the entire program in Hohenheim will receive a Single Degree. Their first compulsory module to be followed will be "Organic Food Systems and Concepts."

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, 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.

## **8.2 Double Degree**

Students who follow a double degree with Hohenheim as their "home university" will spend their first two semesters at the University of Hohenheim and move over to their chosen partner university for their second year of studying.

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.

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.

## **8.3 Partner Universities**

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

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 (SGGW), 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> .

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 Copenhagen, Swedish University of Agricultural Sciences (SLU), Sweden; Wageningen University, Netherlands; Czech University of Life Sciences (CZU), Czech Republic, or other universities worldwide.

## **8.4 Compulsory Modules**

These are the modules providing the core knowledge of the study program. Those modules have to be completed to obtain the M.Sc. degree.



The **compulsory modules** are:

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	Boysen-Urban
1	3090-430	Processing and Quality of Organic Food	1 Semester	6	Zikeli
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	4302-460	Global Agri-food Systems: Conventional, Organic, and Beyond	1 Semester	6	Bieling
2	4203-460	Sustainability Marketing & Marketing Consulting	1 Semester	6	Weinrich
2	3090-470	Organic Plant Production	1 Semester	6	Zikeli

A maximum of three 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.

### 8.5 Elective modules

Further **elective modules** have to be chosen to complete the required 90 credits of course work. Elective modules can be chosen from the list below or from the modules of other Master's programs offered by the Faculty of Agricultural Sciences at the University of Hohenheim. On request to the examination board and with the approval of an academic counsellor or the program coordinator, modules can be also chosen from other programs of the University of Hohenheim or other universities.

#### 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	Boysen-Urban
2	4903-470	Qualitative Research Methods in Rural Development Studies	1 Semester	6	Birner

Sem	Code	Name of Module	Duration	Credits	Professor
3	3003-410	Food Safety and Quality Chains (not offered in March 24)	Blocked in March	6	Schöne
3	3409-440	Soil Fertility and Fertilization 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 Sub-tropics	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	4302-500	Transformation Management in Agri-Food Systems	1 Semester	6	Bieling
3	4303-410	Analyzing Sustainability in Agri-Food Systems	1 Semester	6	Seufert
3	4303-420	Communicating Sustainability in Agri-Food Systems	1 Semester	6	Seufert
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	4407-510	Intelligent Robotics for Agriculture (German + English)	1 Semester	6	Stein
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

\* Limited number of participants. Please register for participation on ILIAS

For the complete module catalogue refer to: [uni-hohenheim.de/en/module-catalogue](https://www.uni-hohenheim.de/en/module-catalogue))

## 8.6 Module Descriptions and Registration

The module titles and identification numbers are listed above. For details about contents, lecturers, and methods of instruction, refer to <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.

## 9 Profiles and specializations for incoming double degree students

The modules of these profiles are suggestions. The specialisations are meant to help incoming double degree students to find the profile that most closely matches their interests and provide a starting point for selecting courses at the University of Hohenheim. All modules of the Faculty of Agricultural Sciences are available at <https://www.uni-hohenheim.de/en/course-catalog>

## 9.1 Socioeconomics and Organic Agriculture

### Suggested Modules: Winter term

Sem	Code	Modules	Duration	Credits	Professor
3	4302-500	Transformation Studies in Agri-Food Systems	1 Semester	6	Bieling.
3	3090-410	Organic Farming in the Tropics and Subtropics	1 Semester	6	Zikeli
3	4303-410	Analysing Sustainability in Agri-Food Systems	1 Semester	6	Seufert
3	4902-440	Economics and Environmental Policy	1 Semester	6	Boysen-Urban
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

### Summer term:

Sem	Code	Modules	Duration	Credits	Professor
2	4101-410	Environmental and Resource 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 Development Studies	1 Semester	6	Birner
2	4903-450	Innovations for sustainable Agri-food Systems	1 Semester	6	Birner

## 9.2 Organic Farming in the Tropics and Subtropics

### Suggested Modules: 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 Management 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	4905-420	Crop Production Systems	1 Semester	6	N.N.
3	4906-410*	Ecology and Agroecosystems	1 Semester	6	Graß
3	4908-440	Livestock Production Systems and Development	1 Semester	6	Chagunda

## Summer Term

Sem	Code	Modules	Duration	Credits	Professor
2	4403-550	Post-Harvest Technology 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	N.N.
2	4905-470	Biodiversity and Genetic Resources	SS, Block 2	7.5	N.N.
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
2	4302-460	Global Agri-food Systems: Conventional, Organic, and Beyond	1 Semester	6	Bieling

## 9.3 Organic Crop Production

### Suggested Modules: 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 Management in the Tropics and Subtropics	1 semester e-learning	6	Müller, T.
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 Agroecosystems	1 Semester	6	Graß

### Summer Term:

Sem	Code	Modules	Duration	Credits	Professor
2	3401-460	Organic Plant Production	1 Semester	6	Zikeli
2	3090-420	Problems and Perspectives 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

## 10 *Master's Thesis*

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The Master's thesis shows 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 written part of the Master's thesis has to be completed within a period of six months and accounts for 30 credits. It is usually written during the fourth semester. Depending on the topic chosen, the third semester might be more appropriate. Thesis work involves a literature review, new and original data derived from fieldwork, a period of writing-up and, finally a presentation. The candidate has to defend the main arguments, results, and methods of the thesis in a colloquium of 30-45 minutes. The thesis can be carried out either at the University of Hohenheim or at one of the various 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 that you register the Master's thesis at the beginning of the fourth semester, but this is not a requirement, there is some flexibility. However, the thesis must be registered by the beginning of the seventh semester at the very latest. Otherwise, it is graded "fail" (F; score 5.0) and the degree cannot be completed.

More information on the Master thesis can be found under the following website:

[https://www.uni-hohenheim.de/aw-msc-pa#jfmulticontent\\_c397829-5](https://www.uni-hohenheim.de/aw-msc-pa#jfmulticontent_c397829-5)

## 11 *Teaching Staff*

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The professors of the University of Hohenheim 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 research, development, and policy institutions cover additional topics, enriching the curriculum with special fields of expertise.

## 12 *Academic Counselling*

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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. B. Hoinle, Institute of Societal Transition and Agriculture



## 13 Study Abroad

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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 this kind of international mobility. Particularly, the third semester is suitable for integrated study abroad. Students will preferably spend this time at one of the partner universities of the Euro League 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 Life Sciences (CZU), 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. Students may also request to spend the semester at universities other than those mentioned above.

For more information consult the website of the Office of International Affairs (<https://www.uni-hohenheim.de/en/office-of-international-affairs>).

Coursework and examinations that have been completed during the program at a university abroad can be recognized as compulsory, semi-elective, or elective modules as part of this degree program. The examination regulations define the conditions of recognition. How you have to proceed for recognition is explained in detail on the pages of the examination office for this study program under the header "Recognition".

## 14 Additional Offers for Students

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### 14.1 Student Groups

Beside its academic offerings, the University of Hohenheim has an active student life with a great variety of student groups. They range from cultural integration, lived faith in religious groups & diverse world views, ecological, economic, social groups, to political work.

Participation in these groups contributes to the Campus life in Hohenheim and enables a variety of extra offers and activities like:

- Student excursions
- Specific Presentations and lectures
- Workshops
- Discussion rounds
- Social meetings
- Intercultural exchange
- *and many more.*

An overview of the different student groups at the University and their descriptions and activities can be found at: <https://vs.uni-hohenheim.de/student-gruppen> .

## 14.2 Language center

The language center offers students the opportunity to acquire additional qualifications in ten different languages. Besides classical language courses the offer includes workshops and language exams to acquire certificates. These programs are offered during the lecture times. German courses are also offered as intensive courses during the lecture free period. More information can be found at: <https://www.uni-hohenheim.de/en/language-center>.

## 14.3 Career Consultation offers at the University of Hohenheim

The "Career Center Hohenheim "(CCH) offers advice and mediation at the transition between studies and career as well as between students and companies. A comprehensive range of services is available to students of the University of Hohenheim free of charge:

Orientation counselling:

- Career orientation test: What are my strengths, abilities, and interests?
- Which occupation and field of activity suits me?
- How do I develop a professional profile during my studies?

Application counselling:

- Where can I find suitable positions for internships and career entry?
- How do I create professional application documents?
- How does an interview work?

Finding internships and jobs:

- Life Science" company contact fair on campus for agricultural and natural scientists
- Campus meets Company: Well-known companies introduce themselves
- Job database for Hohenheim students

Further information can be found under: [www.uni-hohenheim.de/career](http://www.uni-hohenheim.de/career)

## 15 Contact

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### Responsible Scientist

Dr. Sabine Zikeli,

Executive Director of the Center for Organic Farming at the University of Hohenheim

### Program Coordinator

Kerstin Hoffbauer, University of Hohenheim (300)

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Telephone +49 711 459 23328

E-mail: [khoffbau@uni-hohenheim.de](mailto:khoffbau@uni-hohenheim.de),

[www.uni-hohenheim.de/eur-organic](http://www.uni-hohenheim.de/eur-organic)

## 16 Blocked Modules as of Winter Semester 2023/24

● = Pflicht/Compulsory    ◐ = Wahl/Elective

◐ = Wahlpflicht/Semi-elective

Blockperiode / Period	Block 1 (7.5 credits!)	Block 2 (7.5 credits!)	Block 3 (7.5 credits!)	Block 4 (7.5 credits!)	März-Block/ March Block
<b>Studiengang / Study Course</b>	<b>16.10. - 10.11.2023</b>	<b>13.11. - 08.12.2023</b>	<b>11.12. - 22.12.2023 + 08.01. - 19.01.2024</b>	<b>22.01. - 16.02.2024</b>	<b>i.d.R. 26.02.-20.03.2024</b>
<b>M.Sc. Agrarwissenschaften</b> Pflanzen- und Tierwissensch.			○ 7301-420 (Ernst) Aktuelle Themen zur Biologie der Honigbienen (hybride Lehre)		○ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits) 26.2. - 15.3.2024
<b>M.Sc. Agrarwissenschaften</b> Tierwissenschaften					◐ 4601-480 (Rodehutsord) Futtermitteltechnologie und - analytik (6 credits) (04.03. - 22.03.2024) ○ 4605-510 (Hölzle) Wissenssch. Fragestellungen d. Umwelt- und Tierhygiene (6 credits)
<b>M.Sc. Agrarbiologie</b> (nur die Module der Fakultät A)					◐ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits) (26.02. - 15.03.2024)
<b>M.Sc. EnviroFood</b>					◐ 3003-410 (Schöne) Food Safety and Quality Chains (6-credits) not applicable in march 24
<b>M.Sc. Landscape Ecology</b>	● 3201-560 (Schurr) Landscape Ecology	● 3201-570 (Schurr) Community and Evolutionary Ecology	● 3201-580 (Dieterich) Conservation Biology	● 3202-440 (Schweiger) Plant Ecology	○ 3201-420 (Schurr) Methods in Landscape and Plant Ecology (7.5 credits!) (time schedule individually arrangeable)
<b>M.Sc. EnvEuro</b> Ecosystems and Biodiversity (Alternative 2)	◐ 3201-560 (Schurr) Landscape Ecology	◐ 3201-570 (Schurr) Community and Evolutionary Ecology	◐ 3201-580 (Dieterich) Conservation Biology	◐ 3202-440 (Schweiger) Plant Ecology	◐ 3201-420 (Schurr) Methods in Landscape and Plant Ecology (7.5 credits!) (time schedule individually arrangeable)
<b>M.Sc. Crop Sciences</b>					○ 3103-410 (Priesack) Plant and Crop Modeling (6 credits) (04.03. - 14.03.2024)
<b>M.Sc. AgriTropics</b>					○ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits) (26.02. - 15.03.2024) ○ 4909-430 (Focken) Experimental Aquaculture (26.02.-01.03.2024 (self study) 04.03. - 15.03.2024 at Bremerhaven) (6 credits) In 2024, 2026... ○ 4907-490 (Asch) Excursion to the Tropics and Subtropics (2 weeks in Feb/March)

## 17 Blocked Modules as of Summer Semester 2024

● = Pflicht/Compulsory

◐ = Wahlpflicht/Semi-elective

○ = Wahl/Elective

Blockperiode / Period	Block 1 (7.5 credits)	Block 2 (7.5 credits)	Block 3 (7.5 credits)	Block 4 (7.5 credits)	By arrangement (7.5 credits)
<b>Studiengang / Study Course</b>	<b>02.04. - 26.04.2024</b>	<b>29.04. - 17.05.2024 + 27.05.-31.05.2024</b>	<b>03.06. - 28.06.2024</b>	<b>01.07. - 26.07.2024</b>	
<b>M.Sc. Agrarwissenschaften Bodenwissenschaften</b>	<ul style="list-style-type: none"> <li>◐ 3103-450 (Streck) Spatial Data Analysis with GIS</li> <li>◐ 3102-460 (Kandeler) Molekulare Bodenökologie</li> <li>2025, 2027, ...</li> <li>◐ 3101-460 (Herrmann) Soils of the World - Formation, Classification, and Land Evaluation</li> <li>○ 3602-410 (Gerhards) Integrierter Pflanzenschutz mit Übungen</li> <li>◐ 4603-420 (Seifert) Futtermittelmikrobiologie</li> </ul>	<ul style="list-style-type: none"> <li>◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms</li> <li>◐ 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe</li> <li>○ 7301-400 (Ernst) Soziale Insekten (10 Plätze f. Fak. A)</li> <li>◐ 4601-470 (Rodehutsord) Traubenschnittmethoden in der Tierernährung</li> <li>◐ 4607-510 (Bennewitz) Zuchtplanung und Zuchtpraxis i. d. Nutztierwissenschaften (nicht SS 2024)</li> <li>◐ 4606-420 (Stefanski) Immunologie und Infektionsbiologie</li> <li>◐ 4906-430 (Graf) Field Course Agroecology and Biodiversity</li> <li>◐ 4611-430 (Kube) Infektionskrankungen, akt. Herausford. bei Nutzpfl. und Nutztier-(25, 27...)</li> <li>◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms</li> <li>○ 4905-430 (N.N.) Integr. Agricultural Production Systems</li> <li>○ 4905-470 (N.N.) Biodiversity and Genetic Resources</li> </ul>	<ul style="list-style-type: none"> <li>◐ 3101-570 (Herrmann) Boden- und vegetationskundliche Geländeübung / Field Course Soils + Vegetation</li> <li>2025, 2027, ...</li> <li>○ 3201-430 (Schmieder) Ecology of Alpine Vegetation</li> <li>◐ 7301-430 (Traynor) Honey bee research and beekeeping techniques</li> <li>◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik</li> <li>◐ 4604-410 (Huber) Leistungsassoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren</li> <li>◐ 4603-440 (Seifert) Interaktionen Mikrobiom-Nutztier</li> <li>◐ 4606-430 (Stefanski) Integrative Immunbiologie bei Tieren</li> <li>◐ 4604-410 (Huber) Leistungsassoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren</li> <li>◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik</li> <li>○ 4907-430 (Asch) Crop Prod. Affecting the Hydrological Cycle</li> </ul>	<ul style="list-style-type: none"> <li>◐ 3101-430 (Herrmann) Integriertes bodenwissenschaftliches Projekt für Fortgeschrittene</li> <li>2025, 2027, ...</li> <li>○ 3201-430 (Schmieder) Ecology of Alpine Vegetation</li> <li>○ 4605-500 (Hözl) Biologische Sicherheit und Gentechnikrecht</li> <li>◐ 4601-450 (Rodehutsord.) Spezielle Ernährung der Wiederkäuer</li> <li>◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik</li> <li>◐ 4604-410 (Huber) Leistungsassoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren</li> <li>◐ 4603-440 (Seifert) Interaktionen Mikrobiom-Nutztier</li> <li>◐ 4606-430 (Stefanski) Integrative Immunbiologie bei Tieren</li> <li>◐ 4604-410 (Huber) Leistungsassoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren</li> <li>◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik</li> <li>○ 4907-430 (Asch) Crop Prod. Affecting the Hydrological Cycle</li> </ul>	<ul style="list-style-type: none"> <li>◐ 3102-420 (Kandeler) Bodenschaftliches Experiment/Project in Soil Sciences (Engl.+ Ger.)</li> <li>○ 3101-420 (Herrmann) Internationale standortkundliche Geländeübung (Engl.+Ger.) (September 2024, 2026, ...)</li> <li>○ 4407-480 (Stein) Introduction to Machine Learning in Python (E-Learning) (unblocked)</li> <li>○ 4408-480 (Kruise, A.) Der Business Design Prozess - Von der Idee zum Produkt (6 credits)</li> <li>○ 4605-510 (Hözl) Wissensch. Fragestellungen d. Umwelt- und Tierhygiene (6 credits)</li> <li>◐ 4907-420 (Asch) Ecophysiology of Crops in the T+S</li> <li>◐ 4605-500 (Hözl) Biologische Sicherheit und Gentechnikrecht</li> <li>◐ 3411-430 (Schmöckel) Von Genen und Genregulation zu Transgenen und editierten Genomen</li> <li>◐ 3408-420 (Ludewig) Genetische und molekulare Regulation der pflanzlichen Nährstoffaufnahme</li> <li>○ 1916-400 (Mackenstedt) Pathogens, Parasites and their Hosts, ... (ß Pl. UHOH)</li> <li>○ 4605-500 (Hözl) Biologische Sicherheit und Gentechnikrecht</li> </ul>
<b>M.Sc. Agrarwissenschaften (und MSc. NawaRo)</b>					
Tierwissenschaften: Profil Ernährung und Futtermittel					
Tierwissenschaften: Profil Genomik und Züchtung					
Tierwissenschaften: Profil Gesundheit und Verhalten					
<b>M.Sc. Agrarbiologie</b> (nur die Module der Fakultät A)	<ul style="list-style-type: none"> <li>◐ 4603-420 (Seifert) Futtermittelmikrobiologie</li> <li>◐ 4613-420 (Camarinha Silva) Microbiome in animals and humans</li> <li>◐ 3601-410 (Vögele) Molekulare Phytopathologie</li> <li>◐ 3102-460 (Kandeler) Molekulare Bodenökologie / Molekulare Soil Ecology</li> <li>○ 3601-410 (Vögele) Molekulare Phytopathologie</li> </ul>	<ul style="list-style-type: none"> <li>◐ 4906-430 (Graf) Field Course Agroecology and Biodiversity</li> <li>◐ 4611-430 (Kube) Infektionskrankungen, akt. Herausford. bei Nutzpfl. und Nutztier-(25, 27...)</li> <li>◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms</li> <li>○ 4905-430 (N.N.) Integr. Agricultural Production Systems</li> </ul>	<ul style="list-style-type: none"> <li>◐ 4603-440 (Seifert) Interaktionen Mikrobiom-Nutztier</li> <li>◐ 4606-430 (Stefanski) Integrative Immunbiologie bei Tieren</li> <li>◐ 4604-410 (Huber) Leistungsassoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren</li> <li>◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik</li> <li>○ 4907-430 (Asch) Crop Prod. Affecting the Hydrological Cycle</li> </ul>	<ul style="list-style-type: none"> <li>◐ 4907-420 (Asch) Ecophysiology of Crops in the T+S</li> <li>◐ 4605-500 (Hözl) Biologische Sicherheit und Gentechnikrecht</li> <li>◐ 3411-430 (Schmöckel) Von Genen und Genregulation zu Transgenen und editierten Genomen</li> <li>◐ 3408-420 (Ludewig) Genetische und molekulare Regulation der pflanzlichen Nährstoffaufnahme</li> <li>○ 1916-400 (Mackenstedt) Pathogens, Parasites and their Hosts, ... (ß Pl. UHOH)</li> <li>○ 4605-500 (Hözl) Biologische Sicherheit und Gentechnikrecht</li> </ul>	
<b>M.Sc. Crop Sciences</b> (option for a blocked semester)					

<b>M.Sc. AgriTropics</b>	<ul style="list-style-type: none"> <li>● <b>4907-440</b> (Asch) Interdiscipl. Practical Science Training</li> </ul>				
Livestock				<ul style="list-style-type: none"> <li>○ <b>4908-420</b> (Chagunda) Promotion of Livestock in Tropical Environments</li> </ul>	
Crops			<ul style="list-style-type: none"> <li>○ <b>4907-430</b> (Asch) Crop Production Affecting the Hydrological Cycle</li> <li>○ <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas</li> </ul>	<ul style="list-style-type: none"> <li>○ <b>4907-420</b> (Asch) Ecophysiology of Crops in the Tropics and Subtropics</li> <li>○ <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology</li> </ul>	<ul style="list-style-type: none"> <li>○ <b>4407-480</b> (Stein) Introduction to Machine Learning in Python (<i>E-Learning, unblocked</i>)</li> </ul>
Engineering					
<b>M.Sc. EnviroFood</b>	<ul style="list-style-type: none"> <li>● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS</li> </ul>		<ul style="list-style-type: none"> <li>● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services</li> </ul>	<ul style="list-style-type: none"> <li>○ In, 2025, 2027, ...</li> <li>○ 3201-430 (Schmieder) Ecology of Alpine Vegetation</li> </ul>	
			<ul style="list-style-type: none"> <li>● <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology</li> </ul>	
		<ul style="list-style-type: none"> <li>● <b>4403-550</b> (Müller, J.) Postharvest Technology of Food and Bio-Based Products</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology</li> </ul>	
<b>M.Sc. EnvEuro</b>	<ul style="list-style-type: none"> <li>● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS</li> </ul>		<ul style="list-style-type: none"> <li>● <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3409-480</b> (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.</li> </ul>
Soil Resources and Land Use		<ul style="list-style-type: none"> <li>● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services</li> </ul>	<ul style="list-style-type: none"> <li>○ 2025, 2027, ...</li> <li>○ <b>3201-430</b> (Schmieder) Ecology of Alpine Vegetation</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3409-480</b> (Müller, T.) Fertilisation and Soil Fertility Management in the Tropics and Subtrop.</li> </ul>
Ecosystems and Biodiversity		<ul style="list-style-type: none"> <li>● <b>3201-590</b> (Schurr) Combining Ecological Models and Data</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3101-570</b> (Herrmann) Field Course Soils and Vegetation</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology</li> <li>○ <b>3103-460</b> (Streck) Environmental Science Project</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3102-420</b> (Kandeler) Bodenwissenschaftl. Experiment/Project in Soil Sciences</li> <li>● <b>3202-460</b> (Schweiger) Plant Ecology of Cultural Landscapes</li> </ul>
		<ul style="list-style-type: none"> <li>● <b>4905-470</b> (Rasche) Biodiversity and Genetic Resources</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3101-570</b> (Herrmann) Field Course Soils and Vegetation</li> </ul>	<ul style="list-style-type: none"> <li>○ <b>1916-400</b> (Mackenstedt) Pathogens, Parasites and their Hosts, ... (<i>ß Pl. UHOH</i>)</li> </ul>	<ul style="list-style-type: none"> <li>○ <b>3101-420</b> (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2024, 2026, ...)</li> </ul>
		<ul style="list-style-type: none"> <li>● <b>4905-470</b> (Rasche) Biodiversity and Genetic Resources</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3202-460</b> (Schweiger) Plant Ecology of Cultural Landscapes</li> </ul>
<b>M.Sc. Landscape Ecology</b>	<ul style="list-style-type: none"> <li>● <b>3201-590</b> (Schurr) Combining Ecological Models and Data</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3201-620</b> (Schmieder) Vegetation and Soils of Centr. Europe</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3101-570</b> (Herrmann) Field Course Soils and Vegetation</li> </ul>	<ul style="list-style-type: none"> <li>● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology</li> </ul>	<ul style="list-style-type: none"> <li>○ <b>3101-420</b> (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2024, 2026, ...)</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas</li> </ul>	<ul style="list-style-type: none"> <li>○ <b>3103-460</b> (Streck) Environmental Science Project</li> </ul>	
	<ul style="list-style-type: none"> <li>● <b>3102-460</b> (Kandeler) Molekulare Bodenökologie / Molekulare Soil Ecology</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4906-430</b> (Graß) Field Course Agroecology and Biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services</li> </ul>		<ul style="list-style-type: none"> <li>● <b>3202-460</b> (Schweiger) Plant Ecology of Cultural Landscapes</li> </ul>
	<ul style="list-style-type: none"> <li>in 2025, 2027, ...</li> <li>● <b>3101-460</b> (Herrmann) Soils of the World ...</li> </ul>		<ul style="list-style-type: none"> <li>● <b>4906-440</b> (Graß) Agroecology and Biotic Resource Conservation</li> </ul>		

(Block plan for Summer semester not officially confirmed yet)



## Lecture Periods at UHOH

<b>WS 23/24</b>	<b>First day of un-blocked modules:</b>	(42. KW) Monday, 16 Oct 2023
	<b>First day of blocked modules:</b>	(42. KW) Monday, 16 Oct 2023
	<b>Last day of un-blocked modules:</b>	(5. KW) Saturday, 03 Feb 2024
	<b>Last day of blocked modules:</b>	16.02.2024
<b>SS 24</b>	<b>First day of blocked modules:</b>	(14. KW) Monday, 2 April 2024
	<b>First day of un-blocked modules:</b>	(14. KW) Monday, 2 April 2024
	<b>Last day of un-blocked modules:</b>	(28. KW) Saturday, 13 July 2024
	<b>Last day of blocked modules:</b>	26.07.2024

**No lectures:** All Saints' Day: Mi, 01 Nov 2023, Christmas holidays: SA, 23 Dec 2023 – SA 06 Jan 2024, Easter: Fri, 29 Apr – Mon 1. Apr, 2024, International Labor Day: Wed, 01 May 2024, Ascension: Thurs, 09 May 2024, Pentecost: Tues, 21 May 2024 – Sat, 26 May 2024 (excursions might take place during that week!), Corpus Christi: Thurs, 30. May 2024.

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

### **Examination periods for the winter semester 2023/24:**

1st examination period: Mo. 05.02. - Fr. 23.02.2024

2nd examination period: Mo. 18.03. - Do. 28.03.2024

### **Examination periods for the summer semester 2024:**

1st examination period: Mo. 15.07 - Fr. 02.08.2024

2nd examination period: Mo. 16.09 - Fr. 04.10.2024

Check the website of the Examinations Office for up-to-date information:

<https://www.uni-hohenheim.de/en/examination>