



UNIVERSITY OF  
HOHENHEIM



CURRICULUM | SEPTEMBER 2023

# Environmental Science - Soil, Water and Biodiversity

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 "Crop Sciences". It contains information on the program structure and summarizes the most important exam regulations (issued the 19<sup>th</sup> of February 2018, including all amendments that were introduced up to 11<sup>th</sup> of May 2023).

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 ([enveuro@uni-hohenheim.de](mailto:enveuro@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](https://www.uni-hohenheim.de/en/module-catalogue). Time schedules and lecture halls for all courses are displayed in the Course Catalog 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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Edited by Katrin Winkler, last edited on 19 September 2023

Published by Faculty of Agricultural Sciences  
University of Hohenheim, 70593 Stuttgart, Germany

Print: University of Hohenheim

## Table of Contents

<b>1</b>	<b>PROGRAM OBJECTIVES</b>	<b>4</b>
<b>2</b>	<b>MODULES</b>	<b>4</b>
2.1	WHAT IS A MODULE?	4
2.2	MODULES AND ASSOCIATED WORKLOAD	4
2.3	MODULES PER SEMESTER	5
2.4	BLOCKED AND UNBLOCKED MODULES	5
2.4.1	Unblocked Modules	5
2.4.2	Blocked Modules	5
2.5	MODULE CATEGORIES	5
2.5.1	Compulsory Modules	5
2.5.2	Semi-elective Modules	5
2.5.3	Elective modules	5
2.5.4	Additional modules	6
2.6	PORTFOLIO MODULE (3000-410)	6
2.7	ENGLISH FOR SCIENTIFIC PURPOSES (3000-420)	6
2.8	CERTIFICATE PROGRAM FOR COURSES IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE IN HOHENHEIM (AIDAHO)	6
2.9	MODULES WITH LIMITED NUMBERS OF PARTICIPANTS	7
2.10	MODULE CODES	7
2.11	INDIVIDUAL TIMETABLE	8
2.12	EVALUATION OF MODULES	8
<b>3</b>	<b>EXAMINATIONS</b>	<b>8</b>
3.1	REGISTERING FOR EXAMINATIONS	9
3.2	EXAM REPETITION	9
<b>4</b>	<b>MARKS AND GRADES</b>	<b>9</b>
4.1	CREDIT POINT SYSTEM IN HOHENHEIM	9
4.2	TRANSFER OF GRADES FROM THE PARTNER UNIVERSITIES	10
<b>5</b>	<b>SEMESTER STRUCTURE</b>	<b>11</b>
<b>6</b>	<b>PROGRAM DESIGN</b>	<b>11</b>
6.1	PROGRAM DESIGN OF THE M.Sc. "ENVEURO" WITH HOHENHEIM AS HOME UNIVERSITY	12
6.2	PROGRAM DESIGN OF THE M.Sc. "ENVEURO" WITH HOHENHEIM AS HOST UNIVERSITY	12
<b>7</b>	<b>MODULES AT THE UNIVERSITY OF HOHENHEIM</b>	<b>13</b>
7.1	COMPULSORY MODULES OF THE BSP (FIRST SEMESTER) (19,5 CREDITS)	13
7.2	PARTICULARLY RECOMMENDED ELECTIVE MODULES FOR THE FIRST SEMESTER	13
7.3	COMPULSORY AND SEMI-ELECTIVE ASP1 MODULES AT HOHENHEIM	14
7.3.1	Specialization "Environmental Management" – Agricultural Landscapes	14
7.3.2	Specialization "Soil Resources and Land Use" – European and Worldwide Views	15
7.3.3	Specialization "Ecosystems and Biodiversity" – From Genes to Landscapes	16
7.4	HOHENHEIM'S ASP2	16
7.4.1	Specialization: Environmental Impacts	17
7.4.2	Specialization: Environmental Management	17
7.4.3	Specialization Soil Resources and Land Use	18
7.4.4	Specialization: Climate Change	18
7.4.5	Specialization: Ecosystems and Biodiversity (Alternative 1, unblocked)	19
7.4.6	Specialization: Ecosystems and Biodiversity (Alternative 2, blocked)	19
<b>8</b>	<b>MASTER'S THESIS</b>	<b>19</b>
<b>9</b>	<b>TEACHING STAFF AT HOHENHEIM</b>	<b>20</b>
<b>10</b>	<b>ACADEMIC COUNSELLING</b>	<b>20</b>
<b>11</b>	<b>DOUBLE DEGREE</b>	<b>20</b>
<b>12</b>	<b>CAREER PERSPECTIVES</b>	<b>20</b>
<b>13</b>	<b>ENVEURO PROGRAM DIRECTOR AT UHOH</b>	<b>21</b>
<b>14</b>	<b>ENVEURO PROGRAM COORDINATOR AT UHOH</b>	<b>21</b>
<b>15</b>	<b>BLOCKED MODULES OF THE FACULTY OF AGRICULTURAL SCIENCES IN WINTER SEMESTER 2023/24</b>	<b>22</b>
<b>16</b>	<b>BLOCKED MODULES OF THE FACULTY OF AGRICULTURAL SCIENCES IN SUMMER SEMESTER 2024 ....</b>	<b>24</b>

# **The Master's Program *Environmental Science – Soil, Water, and Biodiversity* – “EnvEuro”**

## **1 Program Objectives**

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The EnvEuro program focuses on the relationships between natural resource uses in Europe and their effects on the environment and society. It provides insights into European ecosystems and principles used in current European environmental management. Students will learn analytical and management tools as well as innovative technologies for sustainable production systems and natural resource use, especially in areas with high anthropogenic pressures. Six different specializations allow for an individually tailored M.Sc. program.

The EnvEuro program is designed as a double degree, which has been developed and is contributed to by the following universities: University of Copenhagen (Denmark), University of Hohenheim (Germany), Swedish University of Agricultural Science (Sweden), and the University of Natural Resources and Life Science Vienna (Austria), all members of the “Euroleague for Life Sciences”. All students have to change to one of the other partner universities after their first year of studies, the double degree structure is mandatory in this program. (<https://enveuro.eu/mandatory-mobility/>) The duration of the entire program is two years (four semesters) and the language of instruction is English.

The University of Hohenheim provides an excellent platform for the development of a M.Sc. program based on European knowledge and experience. The Master's degrees of the University of Hohenheim are highly regarded academically, as well as being well received by employers internationally.

The University of Hohenheim fosters contacts and partnerships with around 150 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, opening doors to future opportunities.

## **2 Modules**

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### **2.1 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 work load 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>

### **2.2 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 work load 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).

## **2.3 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>.

## **2.4 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.

### *2.4.1 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.

### *2.4.2 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.

## **2.5 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.

### *2.5.1 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.

### *2.5.2 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. This is the case for the EnvEuro program. In each specialization a certain number of semi-elective modules have to be done.

### *2.5.3 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.



### 2.5.4 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 that are worth highlighting:

## 2.6 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.

## 2.7 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

## 2.8 Certificate program for courses in 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.

### 2.8.1 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 3 courses which all participants of the AIDAHO program have to pass:**

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

In the specializing part students enroll 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)

## 2.9 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://www.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.

## 2.10 Module codes

Each module and each course have a specific code. Example: 4906-410 Ecology and Agroecosystems.

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.

**4906** - 410 = institute number (490 Institute of Agricultural Sciences in the Tropics "Hans Ruthenberg Institute")

**0006** - 000 = department within the institute (6 corresponds to the 6<sup>th</sup> letter in the alphabet: F  
-> department 490f Ecology of Tropical Agricultural Systems)

**0000** - **410** = 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.)

## 2.11 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 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").

## 2.12 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.

## 3 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 2.5 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 homeworks, presentations, and to the Master's thesis.

### 3.1 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 resits 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!

### 3.2 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.

## 4 Marks and Grades

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### 4.1 Credit Point System in 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.

## 4.2 Transfer of grades from the partner universities

The double degree structure of the EnvEuro program requires that students change to one of the three 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 examinations 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			UCPH	SLU	SLU (traditional system)	BOKU
	grades	grade-points				
very good	A	1	12	A	5	1
	A-	1,3	*	*	*	*
good	B+	1,7	10	B	*	*
	B	2	*	*	*	2
	B-	2,3	7	C	4	*
medium	C+	2,7	*	*	*	*
	C	3	*	*	*	3
	C-	3,3	4	D	3	*
pass	D+	3,7	*	*	*	*
	D	4	2	E	*	4
fail	F	5	<2	F	U	5

UHOH: = University of Hohenheim, Germany

UCPH = University of Copenhagen, Faculty of Life Sciences, Denmark

SLU = Swedish University of Agricultural Sciences, Sweden

BOKU = University of Natural Resources and Life Science, Austria

## **5 Semester structure**

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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)

In the EnvEuro program in Hohenheim the first semester is unblocked and the second semester is blocked.

Please note: The semester structure is different at the other partner universities.

## **6 Program Design**

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The full program has 120 ECTS and is composed of 4 semester packages, each with a value of 30 ECTS (one basic semester package (BSP), two advanced semester packages (ASP 1 and ASP 2), and a thesis). All students start with common introduction days in October and November, in which participation is obligatory. (<https://enveuro.eu/master-programme-structure-and-courses/introduction-days/>)

Teaching starts with an e-learning module "[Environmental Management in Europe](#)" (EME), introducing European environmental practices including legislation, regulation, monitoring/data collection, and policy

The first year (BSP and ASP 1) of the M.Sc. program is carried out at the home university. The second year (ASP 2 and thesis) is carried out at one of the partner universities (host university).

The modules of all other partner universities can be found at: <https://enveuro.eu/master-programme-structure-and-courses/>

## 6.1 Program Design of the M.Sc. "EnvEuro" with Hohenheim as Home University

University of Hohenheim Home university			Host university (UCPH / SLU / BOKU)	
First Semester: Basic Semester Package/BSP		Second Semester: Advanced Semester Package 1/ASP 1 (choose one)	Third Semester: Advanced Sem. Package 2/ASP 2 (choose one)	Fourth Semester Master's thesis
Introduction week and EME module (e-learning) 7,5 credits	5 modules 22,5 credits	<b>Soil Resources and Land Use</b> 30 credits  <b>Ecosystems and Biodiversity</b> 30 credits  <b>Environmental Management</b> 30 credits	<b>Water Resources</b> UCPH, SLU or BOKU, 30 credits	UCPH  or  SLU  or  BOKU  30 credits
			<b>Environmental Impacts</b> UCPH, 30 credits	
			<b>Soil Resources and Land Use</b> UCPH or SLU or BOKU, 30 credits	
			<b>Ecosystems and Biodiversity</b> BOKU, 30 credits	
			<b>Environmental Management</b> SLU, 30 credits	
			<b>Climate Change</b> BOKU, 30 credits	

UCPH = University of Copenhagen, Faculty of Life Sciences, Denmark

SLU = Swedish University of Agricultural Sciences, Sweden

BOKU = University of Natural Resources and Life Science, Austria

## 6.2 Program Design of the M.Sc. "EnvEuro" with Hohenheim as Host University

University of Hohenheim Host university	
Third Semester: Advanced Sem. Package 2/ASP 2 (choose one)	Fourth Semester Master's thesis
<b>Environmental Impacts</b> , 30 credits	30 credits
<b>Soil Resources and Land Use</b> , 30 credits	
<b>Ecosystems and Biodiversity</b> , 30 credits	
<b>Environmental Management</b> , 30 ECTS	
<b>Climate Change</b> , 30 credits	

## 7 Modules at the University of Hohenheim

The BSP at Hohenheim consists a compulsory intensive introduction course (hybrid: in presence at the four partner universities, linked by a video conference), one compulsory e-learning module (EME), three compulsory modules and one elective module.

The modules of the first and third semester (winter semester) last the full length of the semester (unblocked). The modules of the second semester (summer semester) are offered as blocked courses, each including three weeks of instruction, one week of individual preparation, and an exam at the end of week four.

### 7.1 Compulsory modules of the BSP (first semester) (19,5 credits)

Sem	Code	Name of Module	Duration	Credits	Professor
1	3005-430	Environmental Management in Europe (EME)	Intro-days + e-learning 1 Semester	7,5	Bieling
1	3103-510	Environmental Modeling * <sup>*(AIDAHO specialization)</sup>	1 Semester	6	Streck
1	3402-420	Quantitative Methods in Bioscience <sup>*(AIDAHO specialization)</sup>	1 Semester	6	Piepho

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

Two more modules (at least 10,5 credits) may be freely chosen from the module catalog of all Master's programs offered by the Faculty of Agricultural Sciences.

On request to the examination board and with the approval of an academic counsellor, modules can be chosen from other Master's programs of the University of Hohenheim (see: [www.uni-hohenheim.de/en/module-catalogue](http://www.uni-hohenheim.de/en/module-catalogue)). Modules which have already been examined may not be chosen for a second time.

### 7.2 Particularly recommended elective modules for the first semester

To complete the required 30 credits of the first semester, students have to add at least two more elective modules. Due to the irregular amount of credits of the EME course it can occur that students complete more than 30 credits or choose only one elective module of 6 credits and make use of the [portfolio module](#) to complete the remaining 4,5 credits.

The following table lists particularly recommended elective modules, but students are free to choose any other module from the module catalog of the Master's programs of the Faculty of Agricultural Sciences (available at [uni-hohenheim.de/en/module-catalogue](http://uni-hohenheim.de/en/module-catalogue)).

Sem	Code	Name of Module	Duration	Credits	Professor
1	4302-421	Ethical Reflection on Food and Agriculture *	1 Semester	6	Bieling
1	3201-610	Project in Landscape Ecology *	1 Semester	6	Schurr
1	3202-420	Global Change Issues *	1 Semester	6	Schweiger
1	3502-450	Population and Quantitative Genetics* <sup>*(AIDAHO specialization)</sup>	1 Semester	6	Schmid
1	4303-410	Analyzing Sustainability in Agri-Food Systems	1 Semester	6	Seufert
1	4906-410	Ecology and Agroecosystems *	1 Semester	6	Graß



Sem	Code	Name of Module	Duration	Credits	Professor
1	4605-430	Microbiological Safety within the Feed and Food Production Chain	1 Semester	6	Hölzle
1	1102-400	Mathematics and Computational Sciences of the Earth System	1 Semester	4	Wulfmeyer
1-4	3000-410	Portfolio-Module (Master)	Not defined	1 - 7,5	Kruse, M.

\* Limited number of participants. Please register for participation on ILIAS (see page 6)

### 7.3 Compulsory and semi-elective ASP1 modules at Hohenheim

In the second semester, students have to choose one of the following specializations of **advanced semester package 1 (ASP1)**. These semester packages consist of three types of modules: compulsory, semi-elective, and elective. Students have to combine the modules so that at least 30 credits are achieved. Two modules have to be chosen from the list of semi-elective modules. Students may choose another elective module from the module catalog of the Master's programs of the Faculty of Agricultural Sciences (available at [uni-hohenheim.de/en/module-catalogue](http://uni-hohenheim.de/en/module-catalogue)).

(For the sequences of the blocked modules in Hohenheim's ASP1 see page 23)

#### 7.3.1 Specialization "Environmental Management" – Agricultural Landscapes

Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3103-450	Spatial Data Analysis with GIS * *(AIDAHO application)	SS, block 1	7.5	Streck
Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
2	3409-480	Fertilization and Soil Fertility Management in the Tropics and Subtropics	e-learning by arrangement	7.5	Müller, T.
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	Rasche
2	4403-470	Renewable Energy for Rural Areas	SS, block 3	7.5	Müller, J.
2	4302-470	Landscape Change, Resilience, and Ecosystem Services *	SS, block 3	7.5	Bieling
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	4403-410	Irrigation and Drainage Technology	SS, block 4	7.5	Müller, J.
Recommended Elective Modules (choose one)					
One module with 7.5 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences, e.g.:					
2	3201-620	Vegetation and Soils of Central Europe *	SS, block 2	7.5	Schmieder
2	4906-430	Field Course Agroecology and Biodiversity *	SS, block 2	7.5	Graß
2	4907-430	Crop Production Affecting the Hydrological Cycle	SS, block 3	7.5	Asch
2	3101-570	Field Course Soils and Vegetation *	SS, block 3	7.5	Herrmann

2	4906-440	Agroecology and Biotic Resource Conservation *	SS, block 3	7.5	Graß
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	3201-430	Ecology of Alpine Vegetation	SS, block 4	7.5	Schmieder
2	3201-600	Intensive Course Landscape Ecology *	SS, block 4	7.5	Schurr
2	3000-420	Portfolio Module	Not defined	7.5	Kruse, M.

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

### 7.3.2 Specialization "Soil Resources and Land Use" – European and Worldwide Views

Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3103-450	Spatial Data Analysis with GIS* *(AIDAHO application)	SS, block 1	7.5	Streck
Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
2	3409-480	Fertilization and Soil Fertility Management in the Tropics and Subtropics	e-learning by arrangement	7.5	Müller, T.
2	3102-420	Project in Soil Sciences * (English + German)	by arrangement	7.5	Kandeler
2	3202-460	Plant Ecology of Cultural Landscapes	by arrangement	7,5	Schweiger
2	3102-440	Environmental Pollution and Soil Organisms *	SS, block 2	7.5	Kandeler
2	3201-620	Vegetation and Soils of Central Europe *	SS, block 2	7.5	Schmieder
2	3101-570	Field Course Soils & Vegetation*	SS, block 3	7.5	Herrmann
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	4302-470	Landscape Change, Resilience, and Ecosystem Services *	SS, block 3	7.5	Bieling
2	4403-410	Irrigation & Drainage Technology	SS, block 4	7.5	Müller, J.
Recommended Elective Modules (choose one)					
One module with 7.5 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agric. Sciences, e.g.:					
2	4905-470	Biodiversity and Genetic Resources	SS, block 2	7.5	N.N.
2	4906-430	Field Course Agroecology and Biodiversity *	SS, block 2	7.5	Graß
2	4906-440	Agroecology and Biotic Resource Conservation *	SS, block 3	7.5	Graß
2	4907-430	Crop Production Affecting the Hydrological Cycle	SS, block 3	7.5	Asch
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	3201-430	Ecology of Alpine Vegetation	SS, block 4	7.5	Schmieder
2	3101-420	Int. Field Course Site Evaluation (Eng. + Ger.) *	Sept. 2024, 2026, ...	7.5	Herrmann

### 7.3.3 Specialization "Ecosystems and Biodiversity" – From Genes to Landscapes

Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3201-590	Combining Ecological Models and Data * *(AIDAHO application)	SS, block 1	7.5	Schurr
Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
2	3202-460	Plant Ecology of Cultural Landscapes	by arrangement	7,5	Schweiger
2	3201-620	Vegetation and Soils of Central Europe *	SS, block 2	7.5	Schmieder
2	4905-470	Biodiversity and Genetic Resources	SS, block 2	7.5	N.N.
2	3101-570	Field Course Soils and Vegetation *	SS, block 3	7.5	Herrmann
2	4302-470	Landscape Change, Resilience, and Ecosystem Services *	SS, block 3	7,5	Bieling
2	3201-600	Intensive Course Landscape Ecology *	SS, block 4	7.5	Schurr

Recommended Elective Modules (one to choose)					
One module with 7.5 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences, e.g.:					
2	4906-430	Field Course Agroecology and Biodiversity	SS, block 2	7.5	Graß
2	4906-440	Agroecology and Biotic Resource Conservation	SS, block 3	7.5	Graß
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	3201-430	Ecology of Alpine Vegetation	SS, block 4	7.5	Schmieder
2	1916-400	Pathogens, Parasites and their Hosts, Ecology, Molecular Interactions and Evolution	SS, block 4	7.5	Mackenstedt
2	3101-420	Int. Field Course Site Evaluation (Eng. + Ger.) *	Sept. 2024, 2026, ...	7.5	Herrmann

### 7.4 Hohenheim's ASP2

The modules offered for incoming students who chose Hohenheim as their host university are listed below.

The modules in ASP2 comprise two types of modules: semi-elective and elective. Students have to combine semi-elective modules of their specialization so that a minimum of 24 credits is achieved. In addition, students may choose one elective module from the module catalog of the Faculty of Agricultural Sciences (not listed here, available at [www.uni-hohenheim.de/en/module-catalogue](http://www.uni-hohenheim.de/en/module-catalogue)). The semi-elective modules of ASP2 at Hohenheim are listed below.

#### 7.4.1 Specialization: Environmental Impacts

Sem	Code	Semi-elective Modules (choose four)	Duration	Credits	Professor
3	3202-420	Global Change Issues *	1 semester	6	Schweiger
3	4906-410	Ecology and Agroecosystems *	1 semester	6	Graß
3	3080-440	Agricultural Production and Residues	1 semester	6	Gallmann
3	1301-470	Chemistry of the Earth System and Pollution	1 semester	6	Strasdeit
3	4406-410	Waste Management and Waste Techniques	1 semester	6	Hafner
<b>Recommended Elective Modules</b> (one to choose)					
One module with 6 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences, e.g.:					
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho
3	4407-510	Intelligent Robotics for Agriculture	1 Semester	6	Stein
3	4605-430	Microbiological Safety within the Feed and Food Production Chain	1 Semester	6	Hölzle
3	1201-590	Agricultural and Forest Meteorology	1 Semester	6	Wulfmeyer

#### 7.4.2 Specialization: Environmental Management

Sem	Code	Semi-elective Modules (choose four)	Duration	Credits	Professor
3	4904-460	Farm System Modelling **	First half of semester	6	Berger
3	4901-420	Poverty and Development Strategies **	Second half of semester	6	Zeller
3	4902-440	Economics and Environmental Policy	1 semester	6	Boysen-Urban
3	4406-410	Waste Management and Waste Techniques	1 semester	6	Hafner
3	4302-420	Ethical Reflection on Food and Agriculture *	1 semester	6	Bieling
<b>Recommended Elective Modules</b> (choose one)					
One module with 6 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences, e.g.:					
3	3202-420	Global Change Issues * ( <i>Limited places: 15</i> )	1 Semester	6	Schweiger
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho
3	4407-510	Intelligent Robotics for Agriculture	1 Semester	6	Stein

\*\* It is recommended to combine these two modules.

### 7.4.3 Specialization Soil Resources and Land Use

Sem	Code	Semi-elective Modules (choose at least 24 credits)	Duration	Credits	Professor
3	3409-480	Fertilization and Soil Fertility Management in the Tropics and Subtropics	1 semester e-learning	7.5	Müller, T.
3	3102-420	Project in Soil Sciences	by arrangement	7.5	Kandeler
3	3103-510	Environmental Modeling <i>*(AIDAHO specialization)</i>	1 semester	6	Streck
3	3103-410	Plant and Crop Modeling <i>*(AIDAHO application)</i>	in March	6	Priesack
3	3409-440	Soil Fertility and Fertilization in Organic Farming	1 semester	6	Müller, T.
3	3005-420	Climate Change Impacts, Adaptation and Mitigation	1 semester e-learning	15	Bieling
3	4302-420	Ethical Reflection on Food and Agriculture *	1 semester	6	Bieling
<b>Recommended Elective Module</b> (choose one)					
One module with 6 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences, e.g.:					
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho

### 7.4.4 Specialization: Climate Change

Sem	Code	Compulsory Module	Duration	Credits	Professor
3	3005-420	Climate Change Impacts, Adaptation and Mitigation **	1 semester e-learning	15	Bieling
Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
3	1201-630	Weather and Climate Physics	1 semester	6	Wulfmeyer
3	3202-420	Global Change Issues * ( <i>Limited places: 15</i> )	1 semester	6	Schweiger
3	3103-510	Environmental Modeling <i>*(AIDAHO specialization)</i>	1 semester	6	Streck
<b>Recommended Elective Module</b> (choose one)					
One module with 6 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agric. Sciences, e.g.:					
3	4302-420	Ethical Reflection on Food and Agriculture *	1 semester	6	Bieling
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho

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

\*\* Offered by UCPH, starts in Sept. More information at <https://kurser.ku.dk/course/lnak10069u/2022-2023>

\*\*\* Please register for participation four weeks before the lecture period starts.



#### 7.4.5 Specialization: Ecosystems and Biodiversity (Alternative 1, unblocked)

Sem	Code	Semi-elective Modules (choose four)	Duration	Credits	Professor
3	3201-610	Project in Landscape Ecology *	1 semester	6	Schurr
3	4906-410	Ecology and Agroecosystems *	1 semester	6	Graß
3	4302-420	Ethical Reflection on Food and Agriculture *	1 semester	6	Bieling
3	3103-510	Environmental Modeling * <sup>*(AIDAHO specialization)</sup>	1 semester	6	Streck
3	3502-450	Population and Quantitative Genetics <sup>*(AIDAHO specialization)</sup>	1 semester	6	Schmid
<b>Recommended Elective Modules</b> (choose one)					
One module with 6 ECTS may be freely chosen from the module catalog of all Master's courses of the Faculty of Agric. Sciences, e.g.:					
3	3201-420	Methods in Landscape and Plant Ecology * <sup>*(AIDAHO application)</sup>	4 weeks in March	7.5	Schurr
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho
3	3603-480	Entomology	1 semester	6	Petschenka

#### 7.4.6 Specialization: Ecosystems and Biodiversity (Alternative 2, blocked)

Sem	Code	Semi-elective Modules (choose four)	Duration	Credits	Professor
3	3201-560	Landscape Ecology**	Block 1, WS	7.5	Schurr
3	3201-570	Community and Evolutionary Ecology *	Block 2, WS	7.5	Schurr
3	3201-580	Conservation Biology *	Block 3, WS	7.5	Dieterich
3	3202-440	Plant Ecology*	Block 4, WS	7.5	Schweiger
3	3201-420	Methods in Landscape and Plant Ecology * <sup>*(AIDAHO application)</sup>	4 weeks in March	7.5	Schurr

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

## 8 Master's Thesis

The Master's thesis shows that the candidate is able to work independently on a problem in the field of "Environmental Science – Soil, Water and Biodiversity" within a fixed period of time by applying scientific methods. The exam consists of a written (thesis) and an oral (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 at the host university. Thesis work includes a literature review, new and original data derived from fieldwork, lab work, or literature research, a period of writing-up, and, finally, a presentation. The candidate has to defend the essential arguments, results, and methods of the thesis in a colloquium of 30-45 minutes.

EnvEuro students carry out the Master's thesis at their host university, with the main supervisor from the host university and the second supervisor from the home university.

## **9 Teaching Staff at Hohenheim**

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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.

## **10 Academic counselling**

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Academic counsellors advise students on their choice of modules to design their individual study profile and to support smooth and focused study progress. 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 program coordinator beforehand. Students can contact these counsellors at any time and ask for an appointment.

Academic counsellors for EnvEuro:

- Prof. Dr. Claudia Bieling (specialization: Environmental Management), [claudia.bieling@uni-hohenheim.de](mailto:claudia.bieling@uni-hohenheim.de)
- Prof. Dr. Frank Schurr (specialization: Ecosystems and Biodiversity), [frank.schurr@uni-hohenheim.de](mailto:frank.schurr@uni-hohenheim.de)
- Prof. Dr. Thilo Streck (specializations: Soil Resources and Land Use, Climate Change, Environmental Impacts), [thilo.streck@uni-hohenheim.de](mailto:thilo.streck@uni-hohenheim.de)

## **11 Double Degree**

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Upon successful completion of the M.Sc. program, a double degree diploma "Master of Science" (M.Sc.) in "Environmental Science – Soil, Water and Biodiversity" is issued. Students also receive a full Master's degree certificate from both universities (home and host) where they have conducted their studies. This degree entitles the student to continue with a Ph.D./doctoral program if the total grade is above average.

## **12 Career Perspectives**

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The Master's program aims at providing graduates skills to work professionally as they identify, characterize, and solve problems related to the use of natural resources. This work is done based on insight into European ecosystems and principles used in current European environmental management.

Graduates will have excellent skills for jobs in all public and industrial sectors working on production optimization within the regulatory and legislative framework for maintaining high environmental and health standards.

Examples of EnvEuro graduates can be found here: <https://www.uni-hohenheim.de/enveuro-alumni>

### ***13 EnvEuro Program Director at UHOH***

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### ***14 EnvEuro Program Coordinator at UHOH***

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<https://enveuro.eu/>  
<https://agrar.uni-hohenheim.de/student-support>

## 15 Blocked Modules of the Faculty of Agricultural Sciences in Winter Semester 2023/24

● = Compulsory    ◐ = Semi-elective    ○ = Elective

Block 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
Study Course	16.10. - 10.11.2023	13.11. - 08.12.2023	11.12. – 22.12.2023 + 08.01. – 19.01.2024	22.01. - 16.02.2024	i.d.R. 26.02.-20.03.2024
M.Sc. Agrarwissenschaften Pflanzen- und Tierwissensch.			○ 7301-420 (Ernst) Aktuelle Themen zur Biologie der Honigbienen ( <i>hybride Lehre</i> )		○ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits) 26.2. - 15.3.2024
M.Sc. Agrarwissenschaften Tierwissenschaften					◐ 4601-480 (Rodehutschord) Futtermitteltechnologie und - analytik (6 credits) (Präsenz: 04.03. - 22.03.2024) ○ 4605-510 (Hölzle) Wissensch. Fragestellungen d. Umwelt- und Tierhygiene (6 credits) (n.V.)
M.Sc. Agrarbiologie (nur die Module der Fakultät A)					◐ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits) (26.2. - 15.3.2024)
M.Sc. Landscape Ecology	● 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 sche- dule individually arrangeable)
M.Sc. EnvEuro 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 sche- dule individually arrangeable)
M.Sc. Crop Sciences					○ 3103-410 (Priesack) Plant and Crop Modeling (6 credits) (in presence: 04.03. - 14.03.2024) ○ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits) (26.2. - 15.3.2024)
M.Sc. AgriTropics					○ 4909-430 (Focken) Experi- mental Aquaculture 26.02.-01.03. (self-study) 04.3.-15.03.24 (in presence at Bremerhaven) (6 credits) again in 2024/25, 26/27, ...: ○ 4907-490 (Asch) Excursion to the Tropics and Subtropics (2 weeks in Feb/March) (6 credits)





## 16 Blocked Modules of the Faculty of Agricultural Sciences in Summer Semester 2024

● = Compulsory    ◐ = Semi-elective    ○ = Elective

Study Course	Block 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)
		02.04. - 26.04.2024	29.04. - 17.05.2024 + 27.05. - 31.05.2024	03.06. - 28.06.2023	01.07. - 26.07.2024	
<b>M.Sc. Agrarwissenschaften</b> 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 bodenwissen- schaftliches. Projekt für Fortgeschrittene	◐ 3102-420 (Kandeler) Bodenwissenschaftliches Experiment/Project in Soil Sciences (Engl.+ Ger.)
		◐ 3102-460 (Kandeler) Molekulare Bodenökologie				
		again in 2025, 2027...: ◐ 3101-460 (Herrmann) Soils of the World – Formation, Clas- sification, and Land Evaluation	◐ 3201-620 (Schmieder) Vege- tation and Soils of Centr. Europe		again in 2025, 2027...: ◐ 3201-430 (Schmieder) Ecology of Alpine Vegetation ○ 3103-460 Env. Science Proj.	○ 3101-420 (Herrmann) Internationale standortkundliche Geländeübung (Engl.+Ger.) (September 2024, 2026, ...)
<b>M.Sc. Agrarwissenschaften</b> und <b>MSc. NawaRo</b>		○ 3602-410 (Gerhards) Integrierter Pflanzenschutz mit Übungen (evtl. wieder geblockt)	○ 7301-400 (Ernst) Soziale Insekten (10 Plätze f. Fak. A	◐ 7301-430 (Traynor) Honey bee research and beekeeping techniques	○ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	○ 4407-480 (Stein) Introduction to Machine Learning in Python (E-Learning) (unblocked)
						○ 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 (nicht SS 2024)	◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik		
Tierwissenschaften: Profil Gesundheit und Verhalten		◐ 4606-490 (Stefanski) Verhaltensbiologie	◐ 4606-420 (Stefanski) Immunologie und Infektionsbiologie	◐ 4604-410 (Huber) Leistungs- assoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren	○ 4604-420 (Steffl) Seminar zu klinischen Fallstudien der Spez. Anatomie und Phys. d. Nutztiere	○ 4605-510 (Hölzle) Wissensch. Fragestellungen d. Umwelt- und Tierhygiene (6 credits)
		◐ 4605-480 (Hölzle) Spezielle Tierhygiene und Tierschutz				
<b>M.Sc. Agrarbiologie</b> (nur die Module der Fakultät A)		◐ 4603-420 (Seifert) Futtermittelmikrobiologie	◐ 4906-430 (Graß) Field Course Agroecology and Biodiversity	◐ 4603-440 (Seifert) Interaktionen Mikrobiom-Nutztier	◐ 4907-420 (Asch) Ecophysio-logy of Crops in the T+S	
		◐ 4613-420 (Camarinha Silva) Microbiome in Animals and Humans	◐ 4611-430 (Kube) Infektions- erkrankungen, akt. Herausford. bei Nutzpfl. und Nutztier	◐ 4606-430 (Stefanski) Inte- grative Immunbiologie bei Tieren	◐ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	
		◐ 3601-410 (Vögele) Molecular Phytopathology		◐ 4604-410 (Huber) Leistungs- assoziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren	◐ 3411-430 (Schmöckel) Von Gen- en und Genregulation zu Trans- genen 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	
<b>M.Sc. Crop Sciences</b> (option for a blocked semester)		○ 3601-410 (Vögele) Molecular Phytopathology	○ 4905-430 (N.N.) Integr. Agricultural Production Systems	○ 4907-430 (Asch) Crop Prod. Affecting the Hydrological Cycle	○ 1916-400 (Mackenstedt) Pathogens, Parasites and their Hosts, ... (8 Pl. UHOH)	
			○ 4905-470 (N.N.) Biodiver- sity and Genetic Resources		○ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	
					○ 4907-420 (Asch) Ecophysio-logy of Crops in the T+S	

<b>M.Sc. AgriTropics</b>	● <b>4907-440</b> (Asch) Interdiscipl. Practical Science Training	○ <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources			
Livestock		○ <b>4908-480</b> (Chagunda) Animal Breeding for Sustainable Development		○ <b>4908-420</b> (Chagunda) Promotion of Livestock in Trop. Environments	
Crops		○ <b>4905-430</b> (N.N.) Integrated Agricultural Production Systems	○ <b>4907-430</b> (Asch) Crop Production Affecting the Hydrological Cycle	○ <b>4907-420</b> (Asch) Ecophysiology of Crops in the Tropics and Subtropics	
Engineering		○ <b>4403-550</b> (Müller, J.) Postharvest Technology of Food and Bio-Based Products	○ <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas	○ <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology	○ <b>4407-480</b> (Stein) Introduction to Machine Learning in Python ( <i>E-Learning</i> ) ( <i>unblocked</i> )
<b>M.Sc. EnviroFood</b>	● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS	● <b>3102-440</b> (Kandeler) Environmental Pollution and Soil Organisms	● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services	again in 2025, 2027, ...: ○ <del><b>3201-430</b></del> (Schmieder) Ecology of Alpine Vegetation	
		● <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources		● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology	
		● <b>4403-550</b> (Müller, J.) Postharvest Technology of Food and Bio-Based Products	● <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas	● <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology ○ <b>3103-460</b> Env. Science Proj.	
<b>M.Sc. EnvEuro</b> Environmental Management	● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS	● <b>4905-430</b> (N.N.) Integrated Agricultural Production Systems	● <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas	○ <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology	● <b>3409-480</b> (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		● <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources	● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services	● <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology	
Soil Resources and Land Use	● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS	● <b>3201-620</b> (Schmieder) Vegetation and Soils of Centr. Europe	○ <b>4907-430</b> (Asch) Crop Production Affecting the Hydrological Cycle	again in 2025, 2027, ...: ○ <del><b>3201-430</b></del> (Schmieder) Ecology of Alpine Vegetation	● <b>3409-480</b> (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		● <b>3102-440</b> (Kandeler) Environmental Pollution and Soil Organisms	● <b>3101-570</b> (Herrmann) Field Course Soils and Vegetation	● <b>4403-410</b> (Müller, J.) Irrigation and Drainage Technology	● <b>3102-420</b> (Kandeler) Bodenwissenschaftl. Experiment/ Project in Soil Sciences (Engl.+Ger.)
				○ <b>3103-460</b> (Streck) Environmental Science Project	● <b>3202-460</b> (Schweiger) Plant Ecology of Cultural Landscapes
Ecosystems and Biodiversity	● <b>3201-590</b> (Schurr) Combining Ecological Models and Data	● <b>3201-620</b> (Schmieder) Vegetation and Soils of Centr. Europe	● <b>3101-570</b> (Herrmann) Field Course Soils and Vegetation	○ <b>1916-400</b> (Mackenstedt) Pathogens, Parasites and their Hosts, Ecology, Molec. Interactions a. Evolution ( <i>8 Pl. UHOH</i> )	○ <b>3101-420</b> (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2024, 2026, ...)
		● <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources	● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services	● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology	● <b>3202-460</b> (Schweiger) Plant Ecology of Cultural Landscapes
<b>M.Sc. Landscape Ecology</b>	● <b>3201-590</b> (Schurr) Combining Ecological Models and Data	● <b>3201-620</b> (Schmieder) Vegetation and Soils of Centr. Europe	● <b>3101-570</b> (Herrmann) Field Course Soils and Vegetation	● <b>3201-600</b> (Schurr) Intensive Course Landscape Ecology	○ <b>3101-420</b> (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2024, 2026, ...)
	● <b>3103-450</b> (Streck) Spatial Data Analysis with GIS	● <b>4905-470</b> (N.N.) Biodiversity and Genetic Resources	● <b>4403-470</b> (Müller, J.) Renewable Energy for Rural Areas	○ <b>3103-460</b> (Streck) Environmental Science Project	
	● <b>3102-460</b> (Kandeler) Molekulare Bodenökologie / Molecular Soil Ecology	● <b>4906-430</b> (Graß) Field Course Agroecology and Biodiversity	● <b>4302-470</b> (Bieling) Landscape Change, Resilience, and Ecosystem Services		● <b>3202-460</b> (Schweiger) Plant Ecology of Cultural Landscapes
	again in 2025, 2027...: ● <del><b>3101-460</b></del> (Herrmann) Soils of the World – Formation, Classification, and Land Evaluation		● <b>4906-440</b> (Graß) Agroecology and Biotic Resource Conservation		

Check HohCampus for how to register for participation: [View module handbooks](#)





## Lecture Periods at UHOH

<b>WS 23/24</b>	<b>First day of unblocked 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 unblocked modules:</b>	(5. KW) Saturday, 03 Feb 2024
	<b>Last day of blocked modules:</b>	(7. KW) Friday, 16 Feb 2024
<b>SS 24</b>	<b>First day of blocked modules:</b>	(14. KW) Monday, 2 April 2024
	<b>First day of unblocked modules:</b>	(14. KW) Monday, 2 April 2024
	<b>Last day of unblocked modules:</b>	(28. KW) Saturday, 13 July 2024
	<b>Last day of blocked modules:</b>	(30. KW) Friday, 27 July 2024

**No lectures:** All Saints' Day: Thurs, 01 Nov 2023, Christmas holidays: Sat, 23 Dec 2023 – Sat 06 Jan 2024, Easter: Fri, 29 Mar – Mon, 1 Apr 2024, International Labor Day: Wed, 01 May 2024, Ascension: Thurs, 9 May 2024, Pentecost: Mon, 20 May 2024 – Sat, 26 Jun 2024 (excursions might take place during that week!), Corpus Christi: Thurs, 30 May 2024.

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

1<sup>st</sup> examination period: Mo. 05.02. - Fr. 23.02.2024

2<sup>nd</sup> examination period: Mo. 18.03. - Do. 28.03.2024

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

1<sup>st</sup> examination period: Mo. 15.07 - Fr. 02.08.2024

2<sup>nd</sup> examination period: Mo. 16.09 - Fr. 04.10.2024

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