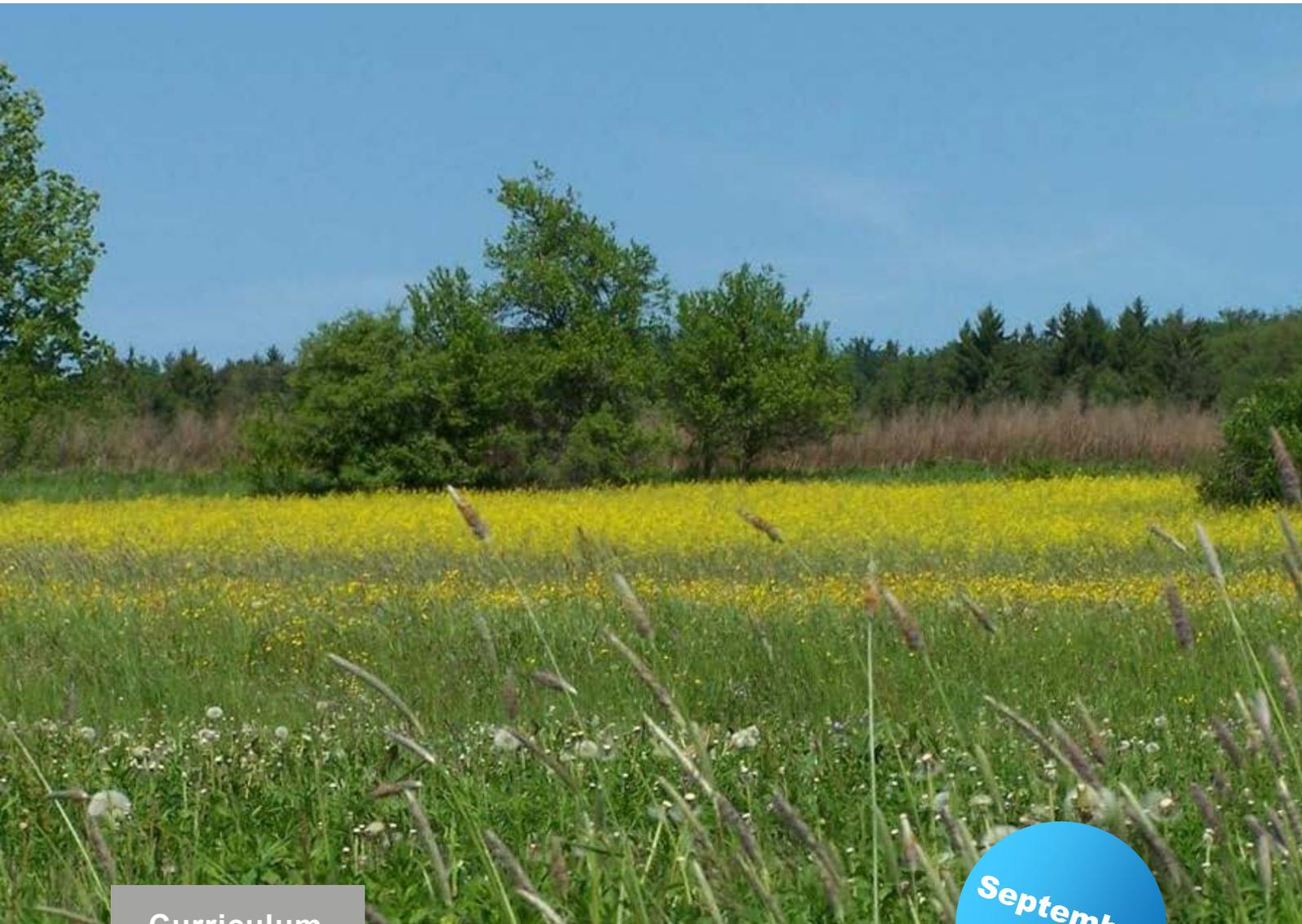




UNIVERSITY OF
HOHENHEIM



Curriculum

September
2021

Landscape Ecology

Master of Science

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Preamble

This curriculum provides applicants and students as well as teaching and administrative staff with comprehensive information about the M.Sc. program “Landscape Ecology”. It contains information about the program structure and summarizes the most important exam regulations (issued on 19 February 2018 including all statutes to amend the examination regulations until 20 May 2021).

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

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

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The Master's Program *Landscape Ecology*

Program Objectives

Climate, soils, human land use, and other aspects of the environment vary over space and time. Landscape ecology studies how organisms respond to such environmental variation, how their interactions in variable environments determine community dynamics, and how these dynamics affect ecosystem processes. These fundamental topics of ecology and biodiversity research are also crucial for answering pressing questions posed by global environmental change:

- How can we conserve biodiversity under changing global conditions?
- How can we maintain ecosystem services important for society?
- How can natural resources be used sustainably in a changing environment?

In this program, students acquire the ecological understanding, the quantitative skills, and the practical experience necessary to study ecological dynamics in changing environments. This enables them to assess environmental change effects on biodiversity and ecosystems, and to develop concepts for the sustainable use of natural resources.

Program Design

The two year M.Sc. program consists of 13 modules totaling 90 credits and one research semester (30 credits), during which a Master's thesis has to be done. The program can be started in October (winter semester) each year and the language of instruction is English.

The program follows a modular course structure. In the first two semesters, students complete five compulsory and three semi-elective modules. In the third semester, they choose five elective modules from a broad list of subjects, and in the fourth semester, they work on their thesis. This program structure ensures a solid landscape ecology education but also allows students to get trained according to their own career aspirations.

	1st Semester	2nd Semester		3rd Semester	4th Semester
7.5 Credits	3201-560 (Schurr) Landscape Ecology	Semi-elective module	6 Credits	Elective module	Master Thesis (30 credits)
7.5 Credit	3201-570 (Schurr) Community and Evolutionary Ecology	Semi-elective module	6 Credits	Elective module	
7.5 Credit	3201-580 (Dieterich) Conservation Biology	Semi-elective module	6 Credits	Elective module	
7.5 Credit	3202-440 (Schweiger) Plant Ecology	3201-600 (Schurr) Intensive Course Landscape Ecology	6 Credits	Elective module	
			6 Credits	Elective module	

Modules

The program follows a modular course structure. A typical semester consists of 30 credits.

The modules of the first year 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. These blocked modules have a value of 7,5 ECTS credits. The modules of the third semester last the full length of the semester with an exam at the end of the semester and correspond to 6 ECTS credits.

Each module of 6 credits corresponds to a workload of 4 SWS (weekly contact hours per semester), which is 56 contact hours per module. Each module of 7.5 credits corresponds to a workload of 5 SWS (weekly contact hours per semester), which is 70 contact hours per module. In addition, time for preparation at home is needed, summing up to a total workload of about 180 hours for one module of 6 credits and 225 hours for one module of 7.5 credits. Each module may consist of different forms of teaching (e.g. seminar, lecture, practical course, excursions). See also the explanation of the module codes on page 15.

The **compulsory modules** (together 37.5 credits) are:

Sem	Code	Name of Module	Duration	Credits	Professor
1	3201-560	Landscape Ecology	Block 1, WS	7.5	Schurr
1	3201-570	Community & Evolutionary Ecology	Block 2, WS	7.5	Schurr
1	3201-580	Conservation Biology	Block 3, WS	7.5	Dieterich
1	3202-440	Plant Ecology	Block 4, WS	7.5	Schweiger
2	3201-600	Intensive Course Landscape Ecology	Block 4, SS	7.5	Schurr

Of the following list of **semi-elective modules**, three modules (together 22.5 credits) have to be chosen:

Sem	Code	Name of Module	Duration	Credits	Professor
2	3201-590	Combining Ecological Models and Data	Block 1, SS	7.5	Schurr
2	3103-440	Spatial Data Analysis with GIS	Block 1, SS	7.5	Streck
2	3101-460	Soils of the World World - Formation, Classification, and ... (<i>every other year: 2023, 2025...</i>)	Block 1, SS	7.5	Herrmann
2	4906-430	Field Course Agroecology and Biodiversity	Block 2, SS	7,5	Graß
2	4905-470	Biodiversity and Genetic Resources	Block 2, SS	7.5	Rasche
2	3201-620	Vegetation and Soils of Central Europe (= <i>Vegetation und Böden Mitteleuropas</i>)	Block 2, SS	7.5	Schmieder
2	4906-440	Agroecology and Biotic Resource Conservation	Block 3, SS	7,5	Graß
2	3101-570	Field Course Soils and Vegetation (= <i>Boden- und vegetationskundliche Geländeübungen</i>)	Block 3, SS	7.5	Herrmann
2	4403-470	Renewable Energy for Rural Areas	Block 3, SS	7.5	Müller, J.

Sem	Code	Name of Module	Duration	Credits	Professor
2	4302-430	Landscape Change, Resilience, and Ecosystem Services	Block 3, SS	7.5	Bieling
2	3202-460	Plant Ecology of Cultural Landscapes	by arrangement	7,5	Schweiger

(WS) = Offered in each winter semester

(SS) = Offered in each summer semester

Furthermore, at least 30 credits in **elective modules** have to be chosen from the following list 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 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-Modul (Master) <i>(not graded, see ILIAS)</i>	open	1 – 7.5	Kruse, M.
2	3101-420	International Field Course Site Evaluation <i>(in 2021, 23, ...)</i>	blocked in September	7.5	Herrmann
2	3102-460	Molekulare Bodenökologie / Molecular Soil Ecology (planned as semi-elective as of SS 2022)	Block 1, SS	7,5	Kandeler
2	4907-430	Crop Production Affecting the Hydrological Cycle	Block 3, SS	7.5	Asch
3	3103-510	Environmental Modeling *	1 Semester	6	Streck
3	3201-610	Project in Landscape Ecology *	1 Semester	6	Schurr
3	3202-420	Global Change Issues	1 Semester	6	Schweiger
3	3502-450	Population and Quantitative Genetics	1 Semester	6	Schmid
3	3603-480	Entomology	1 Semester	6	Petschenka
3	3403-460	Nachhaltigkeit und Produktionsökologie von rohstoffliefernden Pflanzen	1 Semester	6	Lewandowski
3	3404-430	Graslandwissenschaften	1 Semester	6	Thumm
3	4302-420	Ethical Reflection on Food and Agriculture *	1 Semester	6	Bieling
3	4605-430	Microbiological Safety within the Feed and Food Production Chain	1 Semester	6	Hölzle
3	4905-410	Weltwirtschaftspflanzen und Weidewirtschaft in den Trop. und Subtrop.	1 Semester	6	Cadisch
3	4906-410	Ecology and Agroecosystems *	1 Semester	6	Graß
3	1201-410	MOOC on Climate Change, Risks and Challenges **	1 semester	6	Wulfmeyer
3	GEO 76	Angewandte GIS (taught in German)	1 semester	6	Universität Tübingen

Sem	Code	Name of Module	Duration	Credits	Professor
3	GEO 77	Geomorphologie und Bodenlandschaftsmo- dellierung (taught in German)	1 semester	6	Universität Tübingen

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

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

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

Individual Timetable The Course Catalog of the University of Hohenheim contains information on times, lecturers, and lecture rooms of all courses and is available at the beginning of each semester 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 an individual timetable is available, too. Please note: many modules often consist of more than one course. See also the explanation of the module code on page 15.

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

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

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

For blocked modules with a limited number of participants in block period 1, 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. See also: <https://www.uni-hohenheim.de/en/registration-for-modules>

Please note: the ILIAS registration is only for participation and access to teaching materials, NOT a registration for the examination!

Registering for Examinations Students must register for all examinations in the HohCampus portal. The registration deadlines are published on the website of the Examinations Office: <https://www.uni-hohenheim.de/en/examination>

Examinations

Each module is examined upon completion. The examinations of the blocked modules are held at the end of the respective block period. Those for the unblocked modules are held in the two examination periods that follow the lectures. 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 Thesis has not been registered by the beginning of the seventh semester at the latest.

The right of admission to examinations 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, that means taking over text or phrases in a written examination (even within a partial examination) without quoting them accordingly, will be marked as a cheating attempt and the respective examination component is to be graded "fail" (F; mark 5.0). A declaration (<https://agrar.uni-hohenheim.de/en/plagiats>) has to be attached to homeworks, presentations, and to the thesis.

Exam Repetition

If an examination is failed, the Examinations Office will inform the student via mail. Students are responsible for checking with the responsible professor or the Examinations Office about dates for repeat exams and register themselves. They will not be registered for re-examinations automatically! Usually repeat exams for blocked modules will be scheduled by the responsible professor within the same semester, repeat exams in un-blocked modules will be scheduled for the next possible 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.

Marks and Grades

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

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

Master's Thesis

The Master's thesis shows that the candidate is able to work independently on a problem in the field of "Landscape Ecology" 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. It is usually written during the fourth semester. Thesis work includes a literature review, new and original data derived from field work, 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. 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.

The Master's thesis has to be registered at the latest at the start of the seventh semester. Otherwise it is graded "fail" (F; mark 5.0).

Evaluation of Modules The quality of courses and modules is evaluated every year by the students of all degree programs. The evaluation sheets are distributed and evaluated by the Faculty of Agricultural Sciences and the results are sent back to the lecturers in an **anonymous** format. The lecturers are asked to discuss the results with the students at the end of their courses.

Academic calendar In the winter semester (WS) courses usually begin in week 42 and end in week 6 or 7 of the new year. In the summer semester (SS) courses usually begin the first Monday in April and end in week 30, 31, or 32. For unblocked modules the lecture period of each semester is followed by an examination period of three weeks. The last block period of each semester has an overlapping with this examination period of the unblocked modules.

Teaching Staff 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.

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

Academic counsellors for Landscape Ecology and their respective research focus:

- Prof. Dr. Frank Schurr, program director, Landscape Ecology and Vegetation Science
- Prof. Dr. Ingo Graß, Ecology of Tropical Agricultural Systems
- Prof. Dr. Andreas Schweiger, Plant Ecology
- Prof. Dr. Claudia Bieling, Environmental Management

Study Abroad

Students are encouraged to spend one semester in the second year at a partner university abroad to gain additional experience and further strengthen their individual profile. Our credit point system is intended to facilitate the mutual acceptance of courses attended at different universities. Assessment is based on the European Credit Transfer System (ECTS), which facilitates such kind of international mobility. German students are strongly advised to spend a semester abroad. Particularly the third semester is suitable for integrated study abroad. Students will preferably spend this time at one of the partner universities of the Euro League for Life Sciences: Universität für Bodenkultur Wien (BOKU), Austria; Royal Veterinary and Ag-

gricultural University (KVL), Denmark; Swedish University of Agricultural Sciences (SLU), Sweden; Wageningen University, Netherlands; Czech University of Life Sciences (CZU), Czech Republic, or Warsaw Agricultural University (SGGW), Poland. On the basis of an agreement on quality standards the members of the Euro League for Life Sciences have agreed to mutually recognize study achievements. Quantitative parity of study achievements is based on the European Credit Transfer System (ECTS). Students may also request to spend the semester at universities other than those mentioned above.

Degree

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

**Responsible
Scientist**

Prof. Dr. Frank Schurr
Landscape Ecology and Vegetation Science (320a)

Contact

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Blocked Modules in Winter Semester 2021/22

17.08.2021

● = Compulsory ◐ = Semi-elective ○ = Elective

Blockperiode / Period Studiengang / Study Course	Block 1 (7.5 credits!)	Block 2 (7.5 credits!)	Block 3 (7.5 credits!)	Block 4 (7.5 credits!)	März-Block/ March Block
	18.10. - 12.11.2021	15.11. - 10.12.2021	13.12. – 22.12.2021 + 10.01. – 21.01.2022	24.01. - 18.02.2022	i.d.R 28.02.-23.03.2022
M.Sc. Agrarwissenschaften Pflanzen- und Tierwissensch.					○ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits)
M.Sc. Agrarwissenschaften Tierwissenschaften					◐ 4601-480 (Rodehutsord) Futtermitteltechnologie und -analytik (6 credits)
M.Sc. Agrarwissenschaften Bodenwissenschaften					
M.Sc. Agrarbiologie (nur die Module der Fakultät A)					◐ 4611-440 (Kube) The Bacterial Genome, from Culture to Functional Reconstruction (7,5 credits)
M.Sc. EnviroFood					◐ 3003-410 (Schöne) Food Safety and Quality Chains (6 credits)
M.Sc. Landscape Ecology	● 3201-560 (Schurr) Landscape Ecology	● 3201-570 (Schurr) Community and Evolutionary Ecology	● 3201-580 (Schurr) Conservation Biology	● 3202-440 (Schweiger) Plant Ecology	○ 3201-420 (Schurr) Methods in Landscape and Plant Ecology (7.5 credits!)
M.Sc EnvEuro Ecosystems and Biodiversity (Alternative 2)	◐ 3201-560 (Schurr) Landscape Ecology	◐ 3201-570 (Schurr) Community and Evolutionary Ecology	◐ 3201-580 (Schurr) Conservation Biology	◐ 3202-440 (Schweiger) Plant Ecology	◐ 3201-420 (Schurr) Methods in Landscape and Plant Ecology (7.5 credits!)
M.Sc. Crop Sciences					○ 3103-410 (Priesack) Plant and Crop Modeling (6 credits)
M.Sc. AgriTropics					○ 4909-430 (Focken) Experimental Aquaculture (07.-18.03.2022 at Bremerhaven) (6 credits)

Anmeldemodalitäten für Teilnahme siehe HohCampus: [Modulbeschreibungen anzeigen](#)/ Check HohCampus for how to register for participation: [View module handbooks](#)

Blocked Modules in Summer Semester 2022

17.08.2021

● = Compulsory ◐ = Semi-elective ○ = Elective

Blockperiode / Period Studiengang / Study Course	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)
	04.04. - 29.04.2022	02.05. - 27.05.2022	30.05. - 03.06.2022 + 13.06. - 01.07.2022	04.07. - 29.07.2022	
M.Sc. Agrarwissenschaften Bodenwissenschaften	◐ 3103-450 (Streck) Spatial Data Analysis with GIS	◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	◐ 3101-570 (Herrmann) Boden- und veg.kundl. Geländeübung / Field Course Soils + Vegetation	● 3101-430 (Herrmann) Inte- griertes bodenwissenschaftli- ches. Projekt für Fortgeschrit- tene	◐ 3102-420 (Kandeler) Bodenwissenschaftliches Expe- riment/Project in Soil Sciences (Engl.+ Ger.) ○ 3101-420 (Herrmann) Interna- tionale standortkundliche Gelän- deübung (Engl.+Ger.) (Septem- ber 2022, 2024, ..)
M.Sc. Agrarwissenschaften (und MSc. NawaRo)	○ 3602-410 (Gerhards) Integrierter Pflanzenschutz mit Übungen	○ 7301-400 (Rosenkranz) Sozi- ale Insekten (10 Plätze f. Fak. A	◐ 7301-410(Rosenkranz) Bienen	○ 4604-420 (Steffl) Seminar zu klinischen Fallstudien der Spez. Anatomie und Phys. d. Nutztiere ○ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	○ 4407-480 (Stein) Introduction to Machine Learning in Python (E-Learning) ○ 4408-480 (Kruse, A.) Der Bu- siness Design Prozess - Von der Idee zum Produkt (6 Credits)
Tierwissenschaften: Profil Ernährung und Futtermittel	◐ 4603-420 (Seifert) Futtermittel- mikrobiologie	◐ 4601-470 (Rodehutsord) Tra- cerbasierte Methoden in der Tier- ernährung		◐ 4601-450 (Rodehutsord.) Spezielle Ernährung der Wieder- käufer	
Tierwissenschaften: Profil Genomik und Züchtung		◐ 4607-510 (Bennewitz) Zuchtplanung und Zuchtpraxis i. d. Nutztierwissenschaften	◐ 4608-420 (Hasselmann) Molekulare Evolution und Popu- lationsgenetik		
Tierwissenschaften: Profil Gesundheit und Verhalten	◐ 4606-490 (Stefanski) Verhaltensbiologie ◐ 4605-480 (Hölzle) Spezielle Tierhygiene und Tierschutz	◐ 4606-420 (Stefanski) Immunologie und Infektionsbio- logie	◐ 4604-410 (Huber) Leistungsas- soziierte Stoffwechselstörungen bei landwirtschaftlichen Nutztieren		
M.Sc. Agrarbiologie (nur die Module der Fakultät A)		◐ 4906-430 (Graß) Field Course Agroecology and Biodiversity	◐ 4603-440 (Seifert) Interaktio- nen Mikrobiom-Nutztier		
	◐ 4613-420 (Camarinha Silva) Microbiome in animals and hu- mans	◐ 4611-430 (Kube) Infektionser- krankungen, aktuelle Herausfor- derung bei Nutzpfl. und Nutztier	◐ 4606-430 (Stefanski) Integra- tive Immunbiologie bei Tieren	◐ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	
	◐ 3601-410 (Vögele) Molecular Phytopathology	◐ 4907-420 (Asch) Ecophysiol- ogy of Crops in the T+S		◐ 3411-430 (Schmöckel) Von Ge- nen und Genregulation zu Trans- genen und editierten Genomen	
	◐ 3102-460 (Kandeler) Moleku- lare Bodenökologie /Molecular Soil Ecology	◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	◐ 4608-420 (Hasselmann) Molekulare Evolution und Popu- lationsgenetik	◐ 3408-420 (Ludewig) Genetische und molekulare Regulation der pflanzlichen Nährstoffaufnahme	
M.Sc. Crop Sciences (option for a blocked semester)	○ 3601-410 (Vögele) Molecular Phytopathology	○ 4905-430 (Cadisch) Integr. Agricultural Production Systems	○ 4907-430 (Asch) Crop Prod. Affecting the Hydrological Cycle	○ 2202-400 (Mackenstedt) Pathogens, Parasites and their Hosts, Ecology, Molec. Interac- tions a. Evolution (8 Pl. UHOH)	
		○ 4905-470 (Rasche) Biodiver- sity and Genetic Resources	○ 3501-480 (Würschum) Breed- ing of Tropical, Ornamental, and Vegetable Plants	○ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	
		○ 4907-420 (Asch) Ecophysiol- ogy of Crops in the T+S			

M.Sc. AgriTropics	● 4907-440 (Asch) Interdiscipl. Practical Science Training	○ 4905-470 (Rasche) Biodiversity and Genetic Resources			
Livestock		○ 4908-480 (Chagunda) Animal Breeding for Sustainable Development		○ 4908-420 (Chagunda) Promotion of Livestock in Trop. Environments	
Crops		○ 4905-430 (Cadisch) Integrated Agricultural Production Systems	○ 4907-430 (Asch) Crop Production Affecting the Hydrological Cycle		
		○ 4907-420 (Asch) Ecophysiology of Crops in the Tropics and Subtropics	○ 3501-480 (Würschum) Breeding of Tropical, Ornamental, and Vegetable Plants		
Engineering		○ 4403-550 (Müller, J.) Postharvest Technology of Food and Bio-Based Products	○ 4403-470 (Müller, J.) Renewable Energy for Rural Areas	○ 4403-410 (Müller, J.) Irrigation and Drainage Technology	○ 4407-480 (Stein) Introduction to Machine Learning in Python (E-Learning)
M.Sc. EnviroFood	● 3103-450 (Streck) Spatial Data Analysis with GIS	● 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	● 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services		
		● 4905-470 (Rasche) Biodiversity and Genetic Resources			
		● 4403-550 (Müller, J.) Postharvest Technology of Food and Bio-Based Products	● 4403-470 (Müller, J.) Renewable Energy for Rural Areas	● 4403-410 (Müller, J.) Irrigation and Drainage Technology	
M.Sc. EnvEuro Environmental Management	● 3103-450 (Streck) Spatial Data Analysis with GIS	● 4905-430 (Cadisch) Integrated Agricultural Production Systems	● 4403-470 (Müller, J.) Renewable Energy for Rural Areas	○ 3201-600 (Schurr) Intensive Course Landscape Ecology	● 3409-480 (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		● 4905-470 (Rasche) Biodiversity and Genetic Resources	● 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services	● 4403-410 (Müller, J.) Irrigation and Drainage Technology	
Soil Resources and Land Use	● 3103-450 (Streck) Spatial Data Analysis with GIS	● 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe	○ 4907-430 (Asch) Crop Production Affecting the Hydrological Cycle		● 3409-480 (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		● 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	● 3101-570 (Herrmann) Field Course Soils and Vegetation	● 4403-410 (Müller, J.) Irrigation and Drainage Technology	● 3102-420 (Kandeler) Bodensenshaftl. Experiment/Project in Soil Sciences (Engl.+ Ger.)
					● 3202-460 (Schweiger) Plant Ecology of Cultural Landscapes
Ecosystems and Biodiversity	● 3201-590 (Schurr) Combining Ecological Models and Data	● 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe	● 3101-570 (Herrmann) Field Course Soils and Vegetation	○ 2202-400 (Mackenstedt) Pathogens, Parasites and their Hosts, Ecology, Molec. Interactions a. Evolution (8 Pl. UHOH)	○ 3101-420 (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2022, 2024,)
		● 4905-470 (Rasche) Biodiversity and Genetic Resources	● 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services	● 3201-600 (Schurr) Intensive Course Landscape Ecology	
M.Sc. Landscape Ecology	● 3201-590 (Schurr) Combining Ecological Models and Data	● 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe	● 3101-570 (Herrmann) Field Course Soils and Vegetation	● 3201-600 (Schurr) Intensive Course Landscape Ecology	○ 3101-420 (Herrmann) International Field Course Site Evaluation (Engl.+Ger.) (September 2022, 2024,...)
	● 3103-450 (Streck) Spatial Data Analysis with GIS	● 4905-470 (Rasche) Biodiversity and Genetic Resources	● 4403-470 (Müller, J.) Renewable Energy for Rural Areas		
	○ 3102-460 (Kandeler) Molekulare Bodenökologie / Molecular Soil Ecology (planned as semi-elective as of SS 2022)	● 4906-430 (Graß) Field Course Agroecology and Biodiversity	● 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services	● 4906-440 (Graß) Agroecology and Biotic Resource Conservation	

Anmeldemodalitäten für Teilnahme siehe HohCampus: [Modulbeschreibungen anzeigen](#)/ Check HohCampus for how to register for participation: [View module handbooks](#)

Module code

Each module and each course is designated by a specific code. 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 correlate to the type of module and the term, as well as the courses.

11 00-00 0 = institute number (31 – 49 in the Faculty of Agriculture)

00 **01**-00 0 = department within the institute (01 - 99 possible)

00 00-**01** 0 = module designation:

-**01** 0 - **20** 0 basic modules for Bachelor's students

-**21** 0 - **40** 0 specialization study modules for Bachelor's students

-**41** 0 - **80** 0 modules for Master's students

-**81** 0 - **90** 0 modules for doctoral candidates

0000-01 **1** = course 1 of a module (1 - 9 courses possible)

For example: 4201-410 Agricultural and Food Policy

4201: Number of the institute (420: Agricultural and Food Policy)

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

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

Lecture Periods at UHOH

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

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

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

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

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