



UNIVERSITY OF
HOHENHEIM



CURRICULUM | AUGUST 2023

Agricultural Economics

Master of Science

Preamble

This curriculum provides applicants and students as well as teaching and administrative staff with comprehensive information about the M.Sc. program "Agricultural Economics". It contains information on the program structure and summarizes the most important exam regulations (issued the 19th of February 2018, including all amendments that were introduced up to 11th 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 (agecon@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 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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The Master's Program *Agricultural Economics (AgEcon)*

1 *Program Objectives*

Agriculture is a major driving force in the world economy. Especially as the earth's population grows and rising standards of living are sought across the globe, the production, trade, financing, processing, regulation, marketing, and consumption of agricultural food, feed, and fiber are crucial areas of research. Agricultural Economics examines the use of available resources from farm to fork to meet the needs and desires of present and future generations. Sustainability, food security, food safety, environmental quality, agricultural policy reform, and rural community development are typical issues that agricultural economists study in an international context. The M.Sc. program is designed to prepare qualified people of all nationalities for these and other challenging tasks.

The full program has a scope of 120 ECTS credits. The language of instruction is English and the program can be started in October (winter semester) each year.

2 *Modules*

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 workload of about 180 hours for one module of 6 credits and 225 hours for one module of 7,5 credits.

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

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. The Master's program in Agricultural Economics requires students to complete at least five semi-elective modules.

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, which 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 three courses which all participants of the AIDAHO program have to pass:

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

In the specializing part students 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

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 has a specific code. Example: 4902-440 Economics and Environmental Policy.

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

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

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

0000 - **440** = module designation:

01 - 40 modules for Bachelor's students

41 - 80 modules for Master's students

81 - 90 modules for doctoral candidates

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

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

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

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

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

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

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.

4.1 Credit Point System at the University of Hohenheim

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

The examination result is expressed in grades and marks. The highest score is 1.0 [grade A]. A score of 4.0 [grade D] is required for passing.

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

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

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

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

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

5 **Semester structure**

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

Winter semester (WS) courses usually begin in the middle of October and end in February of the following year. Summer semester (SS) courses begin the first Monday in April and by end of July / beginning of August. For unblocked modules, the lecture period of each semester is followed by an examination period of three weeks. The last block period of each semester overlaps with this examination period for the unblocked modules.

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

6 Program Design

The two-year M.Sc. program "Agricultural Economics" comprises four semesters, during which 15 thematic modules (5 compulsory, 5 semi-elective from a list of 13 modules, and 5 elective modules) and the Master's thesis have to be completed

The program follows a modular course structure. A typical semester consists of five modules. In the first two semesters, students complete five compulsory, and five semi-elective or elective modules. In the third semester, they complete the remaining semi-elective or elective modules from a broad list of subjects, and in the fourth semester they work on their thesis. Upon application, examinations taken at other universities can be recognized. This program structure ensures a solid agricultural economics education but also allows students to get trained according to their own career aspirations.

	1. Semester	2. Semester	3. Semester	4. Semester
6 Credits	4904-460 (Berger) Farm System Modelling	4201-410 (Wieck) Agricultural and Food Policy	(Semi-)elective module	Masters Thesis (30 credits)
6 Credits	4201-430 (Wieck) Applied Econometrics	4101-410 (Lippert) Environmental and Resource Economics	(Semi-)elective module	
6 Credits	4202-450 (Hess) Microeconomics	(Semi-)elective module	(Semi-)elective module	
6 Credits	(Semi-)elective module	(Semi-)elective module	(Semi-)elective module	
6 Credits	(Semi-)elective module	(Semi-)elective module	(Semi-)elective module	

6.1 Compulsory Modules

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

The **compulsory modules** are:

Sem	Code	Name of Module	Duration	Credits	Professor
1	4904-460	Farm System Modeling	First half of semester	6	Berger
1	4201-430	Applied Econometrics <small>*(AIDAHO specialization)</small>	1 Semester	6	Wieck
1	4202-450	Microeconomics	1 Semester	6	Hess
2	4201-410	Agricultural and Food Policy	1 Semester	6	Wieck
2	4101-410	Environmental and Resource Economics	1 Semester	6	Lippert

6.2 Semi-elective modules

These are modules covering a wider range of content related to the aim of the study program.

In the AgEcon program at least five modules have to be chosen of the list of **semi-elective modules**:

Sem	Code	Name of Module	Duration	Credits	Professor
1	4901-420*	Poverty and Development Strategies	Second half of semester	6	Zeller
1	4301-410	Knowledge and Innovation Management	1 Semester	6	Knierim
1	3080-440	Agricultural Production and Residues**	1 Semester	6	Gallmann
1	4903-520	Governance of Sustainable Agri-Food Systems	1 Semester	6	Birner
2	4904-470	Farm System Modelling - Applications	1 Semester	6	Berger
2	4902-420	International Food and Agricultural Trade	1 Semester	6	Boysen-Urban
2	4903-470	Qualitative Research Methods in Rural Development Studies	1 Semester	6	Birner
2/3	4904-410*	Agricultural Economics Seminar (offered in summer and winter semester)	1 Semester	6	Berger
2	4901-480	Monitoring and Evaluation of Rural Development Projects	1 Semester	6	Zeller
3	4204-420	Advanced Policy Analysis Modeling <small>*(AIDAHO specialization)</small>	1 Semester	6	Feuerbacher
3	4902-430	Food and Nutrition Security	1 Semester	6	Boysen-Urban
3	4903-500	Policy Processes in Agriculture and Natural Resource Management	1 Semester	6	Birner
3	4904-430	Land Use Economics	First half of semester	6	Berger
3	4901-470*	Quantitative Methods in Economics <small>*(AIDAHO specialization)</small>	Second half of semester	6	Zeller

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

6.3 Elective Modules

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

Suggestions for elective modules:

Sem	Code	Name of Module	Duration	Credits	Professor
1-4	3000-410	Portfolio-Module (Master)	open	1 - 7,5	Kruse, M.
1	4902-440	Economics and Environmental Policy**	1 Semester	6	Boysen-Urban
1	5107-410	Introduction to Applied Data Science <small>*(AIDAHO-Basic)</small>	1 Semester	6	Dimpfl
1/3	4301-470	Agricultural Knowledge Systems and Advisory Services	1 Semester	6	Knierim

Sem	Code	Name of Module	Duration	Credits	Professor
2	4901-430	Rural Development Policies and Institutions*	1 Semester	6	Zeller
2	4903-510	Innovations for Sustainable Agri-Food Systems **	1 Semester	6	Birner
2	4301-460	Fit for Innovation Support – Concepts, Methods, and Skills	1 Semester	6	Knierim
2	5202-530	Microeconometrics *(AIDAHO specialization)	1 Semester	6	Osikominu
2	5203-510	Industrial Organization & Competition Theory 1	1 Semester	6	Schwalbe
2	5210-440	Globalization and History	1 Semester	6	Lehmann-Hasemeyer
2	5200-510	Statistical Learning *(AIDAHO specialization) (the module 5107-410 Introduction to Applied Data Science has to be completed before choosing this module)	1 Semester	6	Osikominu/ R. Jung
2	5211-740	Time Series Econometrics *(AIDAHO specialization)	1 Semester	6	R. Jung
2	5703-510	Entrepreneurship	1 Semester	6	Kuckertz
3	5207-420	Advanced Macroeconomics	1 Semester	6	Beißinger
3	4103-410	Applied Agribusiness, Productivity & Trade Analysis	1 Semester	6	Hirsch
3	4201-470	Policies for Sustainability Transitions	1 Semester	6	Wieck
3	4302-420	Ethical Reflection on Food and Agriculture *	1 Semester	6	Bieling
3	4407-510	Intelligent Robotics for Agriculture	1 Semester	6	Stein
3	5202-630	Topics in Microeconometrics *(AIDAHO application)	1 Semester	6	Osikominu
3	5202-510	Schwerpunktseminar Econometrics *(AIDAHO application)	1 Semester	6	R. Jung
3	5107-410	Introduction to Applied Data Science with R and R-Studio *(AIDAHO Basic)	1 Semester	6	R. Jung

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

** Students who have no or only a weak background knowledge of practical agriculture are encouraged to attend the modules 4402-440 Agricultural Production and Residues (semi-elective) and/or 4903-510 for Sustainable Agri-Food Systems (elective). Students who lack knowledge about the agricultural policy of the European Union are advised to attend the elective module 4902-440 Economics and Environmental Policy (elective). This module is also recommended to students who need a refresher of the basics of microeconomics and environmental policy.

6.4 Suggestions for Thematic Foci in Agricultural Economics

The following lists of semi-elective (SE) and elective (E) modules should give some orientation for possible thematic profiles aiming at certain career goals for AgEcon graduates.

6.4.1 Profile for a Career in Agribusiness

4903-480 Governance, Institutions and Organisational Development (SE)

4902-420 International Food and Agricultural Trade (SE)

4402-440 Agricultural Production and Residues (SE)

4904-410 Agricultural Economics Seminar (SE), practice academic writing

4301-410 Knowledge and Innovation Management (SE)

6.4.2 Profile for a Career in Agricultural and Rural Development

4901-420 Poverty and Development Strategies (SE)

4901-480 Monitoring and Evaluation of Rural Development Projects (SE)

4904-430 Land Use Economics (SE)

4902-420 International Food and Agricultural Trade (SE)

4402-440 Agricultural Production and Residues (SE)

Elective modules: Select from crop or livestock production and agricultural engineering if you have limited background in these field.

6.4.3 Profile for a Career in Research / Academics

Emphasize modules on theory and research methods among semi-electives and electives:

4903-470 Qualitative Research Methods in Rural Development Studies (SE)

4204-420 Advanced Policy Analysis Modeling (SE)

4901-470 Quantitative Methods in Economics (SE)

4904-410 Agricultural Economics Seminar (SE)

Select a challenging M.Sc. Thesis, either with primary data collection or substantive quantitative modeling. Make sure you have very good grades, go for a PhD!

7 Master's Thesis

The Master's thesis shows that the candidate is able to work independently on a problem in the field of "Agricultural Economics" 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. 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).

8 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.

9 Academic Counselling

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 AgEcon and their respective research focus:

- Prof. Dr. Manfred Zeller, Rural Development Theory and Policy, manfred.zeller@uni-hohenheim.de
- Prof. Dr. Thomas Berger, Land Use Economics in the Tropics and Subtropics, thomas.berger@uni-hohenheim.de
- Prof. Dr. Christine Wieck, Agricultural and Food Policy, christine.wieck@uni-hohenheim.de
- Prof. Dr. Lippert, Production Theory and Resource Economics, christian.lippert@uni-hohenheim.de
- Prof. Dr. Sebastian Hess, Agricultural Markets, s.hess@uni-hohenheim.de

10 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 this kind of international mobility. Particularly, the third semester is suitable for integrated study abroad. Students will preferably spend this time at one of the partner universities of the Euro League for Life Sciences: Universität für Bodenkultur Wien (BOKU), Austria; Royal Veterinary and Agricultural University (KVL), Denmark; Swedish University of Agricultural Sciences (SLU), Sweden; Wageningen University, Netherlands; Czech University of Life Sciences (CZU), Czech Republic, Warsaw Agricultural University (SGGW), Poland. On the basis of an agreement on quality standards, the members of the Euro League for Life Sciences have agreed to mutually recognize study achievements. Students may also request to spend the semester at universities other than those mentioned above.

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

12 Career Perspectives

As the agri-food sector becomes more diverse, global, and highly technical, a growing variety of career opportunities are opening up for well-trained agricultural economists. At Hohenheim, students acquire the analytical skills and the necessary understanding of political contexts to be able to work in governmental and non-governmental organizations, international organizations, and the private sector. The program also opens up excellent opportunities to complete a doctorate and pursue an academic career.

Typical areas of work for agricultural economists are found in:

- Companies in the upstream and downstream sectors of the food and agricultural industries
- Regulatory bodies along the value-added chain
- Governmental and non-governmental organizations
- National and international organizations
- Teaching and research institutions

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

13 AgEcon Program Director

Prof. Dr. Manfred Zeller, University of Hohenheim

Department: Rural Development Economics and Policy (490a)

E-mail: manfred.zeller@uni-hohenheim.de

Web: <https://entwicklungspolitik.uni-hohenheim.de/en/prof-zeller>

14 AgEcon Program Coordinator

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Web: <http://www.uni-hohenheim.de/agecon>

<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 (hybride Lehre)		○ 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. EnviroFood					◐ 3003-410 (Schöne) Food Safety and Quality Chains (6 credits) (not offered in 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 schedule 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 schedule 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) Experimental 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	
M.Sc. Agrarwissenschaften Bodenwissenschaften		◐ 3103-450 (Streck) Spatial Data Analysis with GIS	◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	◐ 3101-570 (Herrmann) Boden- und veg.kundl. Geländeübung / Field Course Soils + Vegetation	● 3101-430 (Herrmann) Integriertes bodenwissenschaftliches. Projekt für Fortgeschrittene	◐ 3102-420 (Kandeler) Bodenwissenschaftliches Experiment/Project in Soil Sciences (Engl.+ Ger.)
		◐ 3102-460 (Kandeler) Molekulare Bodenökologie				
		again in 2025, 2027...: ◐ 3101-460 (Herrmann) Soils of the World - Formation, Classification, and Land Evaluation	◐ 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe		again in 2025, 2027...: ◐ 3201-430 (Schmieder) Ecology of Alpine Vegetation	○ 3101-420 (Herrmann) Internationale standortkundliche Geländeübung (Engl.+Ger.) (September 2024, 2026, ...)
M.Sc. Agrarwissenschaften und MSc. NawaRo		○ 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 (Rodehutschord) Tracerbasierte Methoden in der Tierernährung		◐ 4601-450 (Rodehutschord) 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 ◐ 4605-480 (Hölzle) Spezielle Tierhygiene und Tierschutz	◐ 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)
M.Sc. Agrarbiologie (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) Ecophysiology of Crops in the T+S	
		◐ 4613-420 (Camarinha Silva) Microbiome in Animals and Humans	◐ 4611-430 (Kube) Infektionskrankungen, akt. Herausforder. bei Nutzpfl. und Nutztier	◐ 4606-430 (Stefanski) Integrative 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 Genen und Genregulation zu Transgenen und editierten Genomen	
		◐ 3102-460 (Kandeler) Molekulare Bodenökologie /Molecular Soil Ecology	◐ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	◐ 4608-420 (Hasselmann) Molekulare Evolution und Populationsgenetik	◐ 3408-420 (Ludewig) Genetische und molekulare Regulation der pflanzlichen Nährstoffaufnahme	
M.Sc. Crop Sciences (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.) Biodiversity and Genetic Resources		○ 4605-500 (Hölzle) Biologische Sicherheit und Gentechnikrecht	
					○ 4907-420 (Asch) Ecophysiology of Crops in the T+S	

M.Sc. AgriTropics	● 4907-440 (Asch) Interdiscipl. Practical Science Training	○ 4905-470 (N.N.) 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 (N.N.) Integrated Agricultural Production Systems	○ 4907-430 (Asch) Crop Production Affecting the Hydrological Cycle	○ 4907-420 (Asch) Ecophysiology of Crops in the Tropics and Subtropics	
Engineering		○ 4403-550 (Müller, J.) Postharvest Technology of Food and Bio-Based Products	○ 4403-470 (Müller, J.) Renewable Energy for Rural Areas	○ 4403-410 (Müller, J.) Irrigation and Drainage Technology	○ 4407-480 (Stein) Introduction to Machine Learning in Python (E-Learning) (unblocked)
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	again in 2025, 2027, ...: ⊖ 3201-430 (Schmieder) Ecology of Alpine Vegetation	
		● 4905-470 (N.N.) Biodiversity and Genetic Resources		● 3201-600 (Schurr) Intensive Course Landscape Ecology	
		● 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 ○ 3103-460 Env. Science Proj.	
M.Sc. EnvEuro Environmental Management	● 3103-450 (Streck) Spatial Data Analysis with GIS	● 4905-430 (N.N.) 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 (N.N.) 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	again in 2025, 2027, ...: ⊖ 3201-430 (Schmieder) Ecology of Alpine Vegetation	● 3409-480 (Müller, T.) Fertilisation and Soil Fertility Management in the T. and S.
		● 3102-440 (Kandeler) Environmental Pollution and Soil Organisms	● 3101-570 (Herrmann) Field Course Soils and Vegetation	● 4403-410 (Müller, J.) Irrigation and Drainage Technology	● 3102-420 (Kandeler) Bodenwissenschaftl. Experiment/ Project in Soil Sciences (Engl.+Ger.)
				○ 3103-460 (Streck) Environmental Science Project	● 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	○ 1916-400 (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 2024, 2026, ...)
		● 4905-470 (N.N.) Biodiversity and Genetic Resources	● 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services	● 3201-600 (Schurr) Intensive Course Landscape Ecology	● 3202-460 (Schweiger) Plant Ecology of Cultural Landscapes
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 2024, 2026, ...)
	● 3103-450 (Streck) Spatial Data Analysis with GIS	● 4905-470 (N.N.) Biodiversity and Genetic Resources	● 4403-470 (Müller, J.) Renewable Energy for Rural Areas	○ 3103-460 (Streck) Environmental Science Project	
	● 3102-460 (Kandeler) Molekulare Bodenökologie / Molecular Soil Ecology	● 4906-430 (Graß) Field Course Agroecology and Biodiversity	● 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services		● 3202-460 (Schweiger) Plant Ecology of Cultural Landscapes
	again in 2025, 2027...: ● 3101-460 (Herrmann) Soils of the World – Formation, Classification, and Land Evaluation		● 4906-440 (Graß) Agroecology and Biotic Resource Conservation		

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

Lecture Periods at UHOH

WS 23/24	First day of <u>un</u>-blocked modules:	(42. KW) Monday, 16 Oct 2023
	First day of blocked modules:	(42. KW) Monday, 16 Oct 2023
	Last day of un-blocked modules:	(5. KW) Saturday, 03 Feb 2024
	Last day of blocked modules:	(7. KW) Friday, 16 Feb 2024
SS 24	First day of blocked modules:	(14. KW) Monday, 2 April 2024
	First day of un-blocked modules:	(14. KW) Monday, 2 April 2024
	Last day of un-blocked modules:	(28. KW) Saturday, 13 July 2024
	Last day of blocked modules:	(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:

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

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

Examination periods for the summer semester 2024:

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

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

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