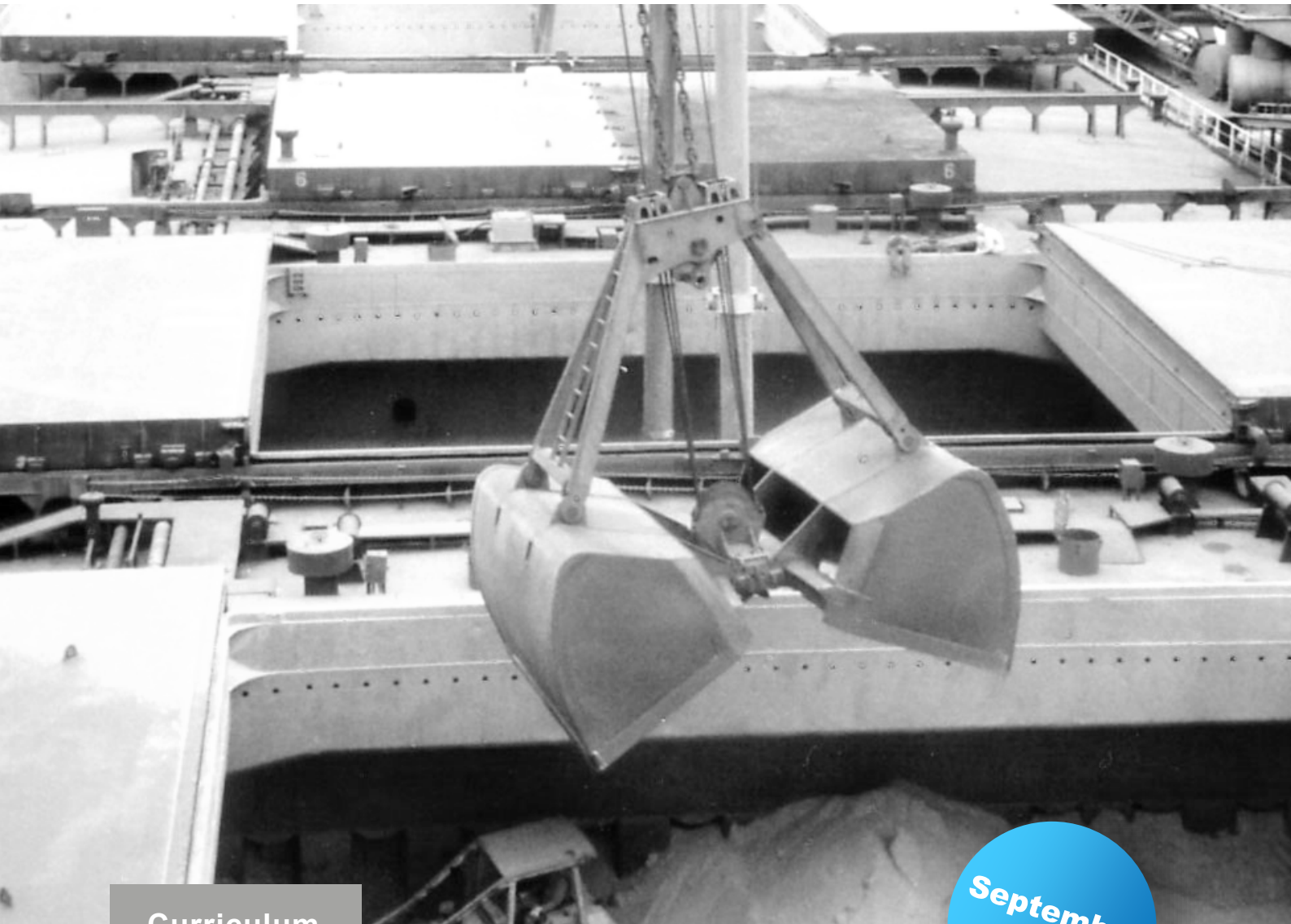




UNIVERSITY OF  
HOHENHEIM



Curriculum

September  
2019

# **Agricultural Economics**

Master of Science

**Contact:**

Katrin Winkler  
Coordinator of the M.Sc. Program Agricultural Economics  
Faculty of Agricultural Sciences (300)  
University of Hohenheim  
70593 Stuttgart, Germany

Phone: +49 711 459 23305  
Fax: +49 711 459 23315  
e-mail: [agecon@uni-hohenheim.de](mailto:agecon@uni-hohenheim.de)  
[www.uni-hohenheim.de/agecon](http://www.uni-hohenheim.de/agecon)

Edited by Dr. Karin Amler

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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 „Agricultural Economics“. It contains information about the course structure, summarises the most important exam regulations (issued the 12<sup>th</sup> of February 2019 including all changes until July 2019).

The information presented reflects the current situation. Titles and contents of compulsory and optional modules are sometimes subject to change. Due to administrative reasons, such changes can only be considered in printed materials with delay. For this reason, all information is supplied without liability.

If in doubt, please refer to the coordinator of the program ([agecon@uni-hohenheim.de](mailto:agecon@uni-hohenheim.de)) to obtain up-to-date information. For up-to-date module descriptions please refer to the web-pages at [uni-hohenheim.de/en/module-catalogue](http://uni-hohenheim.de/en/module-catalogue). Time schedules and lecture halls of 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: [www.uni-hohenheim.de](http://www.uni-hohenheim.de).

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## The Master's Program *Agricultural Economics (AgEcon)*

### **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.

### **Program Design**

The two-year M.Sc. program "Agricultural Economics" comprises four semesters, during which 15 thematic modules (5 compulsory, 5 from a list of 12 modules and 5 elective modules) and the Master Thesis have to be completed. The language of instruction is English and the program can be started in October (winter semester) each year.

The program is laid out for a total workload of 4 x 20 SWS (weekly contact hours per semester). The first 3 semesters cover a total of 60 SWS (lectures and seminars). During the final semester students work on their thesis equivalent to 20 SWS.

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 modules. In the third semesters, 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 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)<br>Farm System Modelling | 4201-410 (Wieck)<br>Agricultural and Food Policy           | Elective module | <b>Master Thesis</b><br>(30 credits) |
| 6 Credits | 4201-430 (Wieck)<br>Applied Econometrics   | 4101-410 (Lippert)<br>Environmental and Resource Economics | Elective module |                                      |
| 6 Credits | 4202-450 (Hess) Mi-<br>croeconomics        | Semi-elective module                                       | Elective module |                                      |
| 6 Credits | Semi-elective module                       | Semi-elective module                                       | Elective module |                                      |
| 6 Credits | Semi-elective module                       | Semi-elective module                                       | Elective module |                                      |

### **Modules**

All modules of the program last the full length of the semester. Some elective modules are offered as blocked courses, each including three weeks of instruction, one week of individual preparation, and an exam at the end of week four.

Each 6 credits module corresponds to a workload of 4 SWS (weekly contact hours per semester), which is 56 contact hours per module. In addition, time for preparation at home is needed, summing up to a total workload of about 160 hours for one module. It may consist of different forms of teaching (e.g. seminar, lecture, practical, excursions).

The **compulsory modules** are:

| Sem | Code                 | Name of Module                              | Duration               | Credits | Professor |
|-----|----------------------|---|------------------------|---------|-----------|
| 1   | 4904-460             | <b>Farm System Modeling</b>                 | First half of semester | 6       | Berger    |
| 1   | 4201-430<br>4902-410 | <b>Applied Econometrics</b>                 | 1 Semester             | 6       | Wieck     |
| 1   | 4202-450             | <b>Microeconomics</b>                       | 1 Semester             | 6       | Hess      |
| 2   | 4201-410             | <b>Agricultural and Food Policy</b>         | 1 Semester             | 6       | Wieck     |
| 2   | 4101-410             | <b>Environmental and Resource Economics</b> | 1 Semester             | 6       | Lippert   |

Of the following list of **semi-elective modules**, five modules have to be chosen:

| Sem | Code      | Name of Module   | Duration                | Credits | Professor    |
|-----|-----------|--|-------------------------|---------|--------------|
| 1   | 4301-410  | Knowledge and Innovation Management  | 1 Semester              | 6       | Knierim      |
| 1   | 4402-440  | Agricultural Production and Residues**                                     | 1 semester              | 6       | Gallmann     |
| 1   | 4903-480  | Governance, Institutions, and Organizational Development                   | 1 Semester              | 6       | Birner       |
| 1   | 4904-450* | Farm and Project Evaluation  | 1 Semester              | 6       | Berger       |
| 2   | 4302-440  | Sustainability Discourses and Environmental Sociology                      | 1 Semester              | 6       | Bieling      |
| 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   | 4904-410* | Agricultural Economics Seminar   | 1 Semester              | 6       | Berger       |
| 3   | 4201-420  | Advanced Policy Analysis Modelling   | 1 Semester              | 6       | Wieck        |
| 3   | 4901-420* | Poverty and Development Strategies ( <i>once not offered in WS 19/20</i> ) | Second half of semester | 6       | Zeller       |
| 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  | Second half of semester | 6       | Zeller       |

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

Five further **elective modules** have to be chosen. The modules can be chosen from the complete catalogue of the University's agricultural master modules (see: [uni-hohenheim.de/en/module-catalogue](http://uni-hohenheim.de/en/module-catalogue)). Up to 30 credits can also be chosen from courses offered by other study programs at the University of Hohenheim, by another German university or by a foreign university, insofar as these are approved by the examination board.

Suggestions for **elective modules**:

| Sem | Code     | Name of Module   | Duration                      | Credits | Professor    |
|-----|----------|--|-------------------------------|---------|--------------|
| 1-4 | 3000-410 | Portfolio-Module (Master) <i>(not graded, see in ILIAS)</i>                    | open                          | 1 - 7,5 | Müller, T.   |
| 1   | 4902-440 | Economics and Environmental Policy**   | 1 Semester                    | 6       | Boysen-Urban |
| 1/3 | 5207-430 | Advanced Macroeconomics  | 1 Semester                    | 6       | Beißinger    |
| 1/3 | 4301-440 | Farm Animal Welfare in Different Societies                                     | 1 Semester                    | 6       | Knierim      |
| 2   | 4901-430 | Rural Development Policies and Institutions*                                   | 1 Semester                    | 6       | Zeller       |
| 2   | 4903-450 | Innovations in Agriculture**   | 1 Semester                    | 6       | Birner       |
| 2   | 5202-520 | Econometrics I   | 1 Semester                    | 6       | Osikominu    |
| 2   | 5203-510 | Industrial Organization and Competition Theory 1                               | 1 Semester                    | 6       | Schwalbe     |
| 2   | 5206-510 | Consumer Policy  | 1 Semester                    | 6       | Ahlheim      |
| 2   | 5207-510 | Labour Economics 1   | 1 Semester                    | 6       | Beißinger    |
| 2/3 | 4202-420 | Questionnaire Design and Data Analysis in SPSS                                 | 1 Semester, partially blocked | 6       | Becker, T.   |
| 3   | 4302-420 | Ethical Reflection on Food and Agriculture *                                   | 1 Semester                    | 6       | Bieling      |
| 3   | 5202-620 | Econometrics II  | 1 Semester                    | 6       | Osikominu    |
| 3   | 5210-410 | Economic History & History of Economic Thought 1                               | 1 Semester                    | 6       | Lehmann      |
| 4   | 4302-470 | Gender, Nutrition and Right to Food (every second year: 2020, 2022, 2024, ...) | Block 4, SS                   | 6       | Lemke        |

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

\*\* Students who have no or only a weak background knowledge about practical agriculture are encouraged to attend the modules 4402-440 Agricultural Production and Residues (semi-elective) and/or 4903-450 Innovation in Agriculture (elective). Students who are lacking knowledge about the agricultural policy of the European Union are advised to attend the elective module 4201-440 Economics and Environmental Policy (elective). This module is also recommended to students who need a fresh-up of the basics of microeconomics and environmental policy.

**Module Descriptions** For the contents of all modules: [uni-hohenheim.de/en/module-catalogue](http://uni-hohenheim.de/en/module-catalogue)

**Individual Timetable** The Course Catalogue 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 at the university's homepage: [www.uni-hohenheim.de](http://www.uni-hohenheim.de). It is linked to the Module Descriptions. A tool to compose an individual timetable is available on the Intranet. Please note: especially non-blocked modules often consist of more than one course.

**Semester Duration and Lecture Times**

A 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. In this case, it is necessary to register for the module in advance. If there is a limited number of participants, this will be stated under the “comments” (“Anmerkungen”) section of the module description. Please check before lectures start, whether the modules you have chosen have a limited number of participants or not. ([uni-hohenheim.de/en/module-catalogue](https://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 on ILIAS. In general, the following applies: Students for whom the respective module is compulsory or the last module that needs to be completed to finish a degree program, must always be admitted. If you have not yet enrolled by the end of the registration period and do not yet have access to ILIAS, please contact the degree program coordinator. She will register you for the module.

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

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

**Registering for Examinations**

Students have to register for the examinations of each semester at the examination office per *HohCampus* during the time period announced at the examination office. When you have to register for an examination depends on whether it is a blocked or a non-blocked module. Withdrawal from each module’s examination is possible until 7 days before the examination date. More information on examination periods and dates, deadlines for registration, withdrawal, and resits is given at the homepage of the examination office: [www.uni-hohenheim.de/en/examination](http://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.

The claim for examination expires if:

- the examination of one of the modules or of the Master Thesis has not been passed by the end of the seventh semester at the latest,
- in one of the modules an exam has to be repeated more than two times.

The claim for 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 examination office.

Please mind that plagiarism, that means the take-over of text or phrases in a written examination (even within a partial performance) without quoting them accordingly, will be marked as attempt of deception and the respective

examination performance is to be graded "fail" (F; mark 5.0). A declaration (<https://agrar.uni-hohenheim.de/en/plagiats>) has to be attached to homeworks, presentations, and to the thesis and the final digital text document has to be transferred to the mentoring supervisor.

**Exam Repetition**

In case of failure the examination office will inform the student via mail. Students are responsible themselves to check with the responsible professor or the examination office about dates for repeater exams and registration deadlines. Usually repeater exams for blocked modules will be scheduled by the responsible professor within the same semester. Repeater exams in lectures will usually automatically be scheduled for the next examination period.

**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 above 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 Thesis**

The master thesis shall show 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 candidate has to defend the essential arguments, results and methods of the thesis in a colloquium of 30-45 minutes. The written part of the master thesis has to be completed within a period of six months. It is usually written during the fourth semester. Depending on the chosen modules, there might be cases where the third semester is more appropriate. Thesis work includes a literature review, new and original data derived from field work, a period of writing-up and, finally, a presentation. This work can be carried out either at Hohenheim University 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 three months after notification of the final passed module examination or 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 study programs. The evaluation sheets are distributed and evaluated by the Faculty of Agricultural Sciences and the results are sent back to the



lecturers in an **anonymous** format. The lecturers are asked to discuss the results with the students at the end of their courses.

**Academic calendar**

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, and thus enrich the curriculum with special fields of expertise.

**Mentoring**

A personal mentor from the teaching staff is assigned to advise on appropriate profiles and support smooth and goal-oriented progress. The form on page 14 serves as a basis for a counseling interview. Fill in name, code, and credits of all modules and specify for each module if it is a compulsory (C), semi-elective (S), elective (E) or an additional (A) module for you. It is strongly recommended NOT to mix blocked and unblocked modules within one semester. Mentors are:

- Prof. Dr. Thomas Berger, Institute of Land Use Economics in the Tropics and Subtropics (490)
- Dr. Kirsten Boysen-Urban, Institute of International Agricultural Trade and World Food Security (490)
- Prof. Dr. Christine Wieck, Institute of Agricultural and Food Policy (420)
- Prof. Dr. Lippert, Institute of Production Theory and Resource Economics (410)
- Prof. Dr. Manfred Zeller, Institute of Rural Development Economics and Policy (490)

**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 Agricultural University (KVL), Denmark; Swedish University of Agricultural Sciences (SLU), Sweden; Wageningen University, Netherlands; Czech University of Agriculture (CUA), 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. 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 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. Manfred Zeller, Rural Development Economics and Policy (490)

**Contact**

**Program Coordinator Agricultural Economics**  
Katrin Winkler, Faculty of Agricultural Sciences (300),  
University of Hohenheim,

70593 Stuttgart, Germany  
Telephone +49-711-459-23305  
Telefax +49-711-459-23315  
E-Mail: agecon@uni-hohenheim.de  
[www.uni-hohenheim.de/agecon](http://www.uni-hohenheim.de/agecon)

# Geblockte Module der Fakultät Agrarwissenschaften für das Wintersemester 2019/20

05.08.2019

## Blocked Modules in Winter Semester 2019/20

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

| Blockperiode /<br>Period   | Block 1<br>(7.5 credits!)                               | Block 2<br>(7.5 credits!)   | Block 3<br>(7.5 credits!)  | Block 4<br>(7.5 credits!)  | März-Block/<br>March Block   |
|--|---|---|--|--|--|
| Studiengang /<br>Study Course                                    | 14.10. - 08.11.2019                                     | 11.11. - 06.12.2019   | 09.12.19 – 20.12.19/<br>07.01. – 17.01.2020  | 20.01. - 14.02.2020  | i.d.R 24.02.-<br>18.03.2020  |
| <b>B.Sc. Agrarwissenschaften</b>                                 |   |   |  |  | ○ <b>4606-220</b> (Weiler) Nutztier-systemmanagement – Schwein (6 credits)                         |
| <b>M.Sc. Agrarwissenschaften</b><br>Pflanzen- und Tierwissensch. |   |   |  |  | ○ <b>4611-420</b> (Kube) Das bakt. Genom, exemplarisch von der Kultur zur funktion. Analyse        |
| <b>M.Sc. Agrarwissenschaften</b><br>Tierwissenschaften           |   |   |  |  | ◐ <b>4601-480</b> (Rodehutschord) Futtermitteltechnologie und -analytik                            |
| <b>M.Sc. Agrarwissenschaften</b><br>Bodenwissenschaften          |   |   |  |  | ◐ <b>3102-450</b> (Kandeler) Molecular Soil Ecology (6 credits)                                    |
| <b>M.Sc. EnviroFood</b>  |   |   |  |  | ◐ <b>3003-410</b> (Schöne) Food Safety and Quality Chains 25.2. – 8.3.19 (6 credits)               |
| <b>M.Sc. Landscape Ecology</b>                                   | ● <b>3201-560</b> (Schurr) Landscape Ecology            | ● <b>3201-570</b> (Schurr) Community and Evolutionary Ecology                 | ● <b>3201-580</b> (Schurr) Conservation Biology  | ● <b>3202-440</b> (N.N.) Plant Ecology   | ○ <b>3201-420</b> (Schurr) Methods in Landscape and Plant Ecology (7.5 credits!)                   |
| <b>M.Sc. EnvEuro Ecosystems and Biodiversity (package 2)</b>     | ● <b>3201-560</b> (Schurr) Landscape Ecology            | ● <b>3201-570</b> (Schurr) Community and Evolutionary Ecology                 | ● <b>3201-580</b> (Schurr) Conservation Biology  | ● <b>3202-440</b> (N.N.) Plant Ecology   | ◐ <b>3201-420</b> (Schurr) Methods in Landscape and Plant Ecology (7.5 credits!)                   |
| <b>M.Sc. Crop Sciences</b><br>(3.Sem., blocked semester package) | ○ <b>3000-410</b> (Kruse, M.) Portfolio Module (Master) | ○ <b>2601-410</b> (Schaller) Pflanze-Pathogen Interaktionen (5 Plätze für CS) | ○ <b>2602-500</b> (Schulze) Regulatorische Prinzipien pflanzlicher Signaltransduktionswege (5 Plätze für CS) | ○ <b>2203-410</b> (Steidle) <a href="#">Chemische Signale bei Tieren</a> (3 Plätze für CS) | ○ <b>3103-410</b> (Priesack) Plant and Crop Modeling (6 credits)                                   |
| <b>Sonstige M.Sc./Other M.Sc.</b>                                |   |   |  |  | ○ <b>1301-410</b> (Fox) Spring School "Extreme Environments" (7.5 credits!)                        |
|  |   |   |  |  | ○ <b>4909-430</b> (Focken) Experimental Aquaculture (at Bremerhaven) (6 credits)                   |
|  |   |   |  |  | ○ <b>4907-490</b> (Asch) Excursion to the Tropics and Subtropics                                   |
|  |   |   |  |  | ◐ <b>4303-470</b> (Lemke) Gender, Nutrition, and Right to Food (6 credits!) (next time in SS 2020) |

Anmeldemodalitäten für Teilnahme siehe Modulkatalog / Check module descriptions for how to register for participation (<https://www.uni-hohenheim.de/modulkatalog.html>)

# Geblockte Module der Fakultät Agrarwissenschaften für das Sommersemester 2020

## Blocked Modules in Summer Semester 2020

15.08.2019

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

| Studiengang /<br>Study Course                         | Blockperiode /<br>Period | Block 1 (7,5 credits)  | Block 2 (7,5 credits)  | Block 3 (7,5 credits)  | Block 4 (7,5 credits)  | By arrangement<br>(7,5 credits)  |
|---|--------------------------|--|--|--|--|--|
|   |                          | 06.04. - 30.04.2020  | 04.05. - 29.05.2020  | 08.06. - 03.07.2020  | 06.07. - 31.07.2020  |  |
| M.Sc. Agrarwissenschaften<br>Bodenwissenschaften      |                          | ◐ 3103-450 (Streck)<br>Spatial Data Analysis with GIS  | ◐ 3102-440 (Kandeler)<br>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)<br>Bodenwissenschaftliches Experiment/Project in Soil Sciences (Engl.+ Ger.)   |
|   |                          | 2019, 2021:<br>◐ 3101-460<br>Herrmann) Soils of the World - Formation, Classification, and ... | 2020, 2022:<br>◐ 3101-580<br>(Rennert) Bodenschutz, Bodenbewertung, -sanierung                     | ◐ 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe                               |  | ○ 3101-420 (Herrmann) Internationale standortkundliche Geländeübung / International Field Course Site Evaluation (Engl.+Ger.) (September 2020, 2022, 2024, ..) |
| M.Sc. Agrarwissenschaften                             |                          | ○ 3602-410 (Gerhards)<br>Integrierter Pflanzenschutz mit Übungen                               | ○ 4605-500 (Beyer)<br>Biologische Sicherheit und Gentechnikrecht                                   | ◐ 7301-410 (Rosenkranz) Bienen   | ○ 4604-420 (Steffli) Seminar zu klinischen Fallstudien der Spez. Anatomie und Phys. d. Nutztiere |  |
|   |                          |  | ○ 7301-400 (Rosenkranz) Soziale Insekten (10 Plätze f. Fak. A)                                     |  |  |  |
| Tierwissenschaften: Profil Ernährung und Futtermittel |                          | ◐ 4603-420 (Seifert) Futtermittelmikrobiologie   | ◐ 4601-470 (Rodehutsord) Tracerbasierte Methoden i.d. Tierernährung                                |  | ◐ 4601-450 (Rodehutsord.) Spezielle Ernährung der Wiederkäuer                                    |  |
| Tierwissenschaften: Profil Genomik und Züchtung       |                          |  | ◐ 4607-510 (Bennewitz)<br>Zuchtplanung und Zuchtpraxis i.d. Nutztierwissenschaften (nicht SS 2020) | ◐ 4608-420 (Hasselmann)<br>Molekulare Evolution und Populationsgenetik                     |  |  |
| Tierwissenschaften: Profil Gesundheit und Verhalten   |                          | ◐ 4606-490 (Stefanski)<br>Verhaltensbiologie   | ◐ 4606-420 (Stefanski)<br>Immunologie und Infektionsbiologie                                       | ◐ 4604-410 (Huber) Leistungsassoziierte Stoffwechselstörungen bei landw. Nutztieren        | ◐ 4605-490 (Hölzle) Spezielle Tierhygiene  |  |
| M.Sc. AgriTropics                                     |                          | ● 4907-440 (Asch) Interdiscipl. Practical Science Training                                     | ○ 4905-470 (Rasche)<br>Biodiversity and Genetic Resources  | ○ 4909-420 (Dickhöfer) Quantitative Meth. in Animal Nutrition + Vegetation Sciences        |  |  |
| 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)<br>Crop Production Affecting the Hydrological Cycle                      |  |  |
|   |                          |  | ○ 4907-420 (Asch)<br>Ecophysiology of Crops in the Tropics and Subtropics                          |  |  |  |
| Engineering   |                          |  | ○ 4403-550 (Müller, J.)<br>Postharvest Technology of Food and Bio-Based Products                   | ○ 4403-470 (Müller, J.)<br>Renewable Energy for Rural Areas                                | ○ 4403-410 (Müller, J.)<br>Irrigation and Drainage Technology                                    |  |

|   |  |  |   |   |   |
|---|--|--|---|---|---|
| Social Sciences   |  |  |   | ○ 4302-450 (Lemke) Gender, Nutrition, and Right to Food   |   |
| <b>M.Sc. Crop Sciences</b><br>(blocked semester packages) | ○ 2601-430 (Schaller) Entwicklungsbiologie der Pflanzen (5 Plätze für CS)                  | ○ 1101-410 (Kügler) Applied Mathematics for the Life Sciences II (5 Plätze für CS) | Sofern Zulassung möglich: ggf. Kombination der beiden Virologie-Module 2402-410 und 2402-420 in Block 3 und 4 | ○ 2202-400 (Mackenstedt) Pathogens, Parasites and their Hosts, Ecology, Molec. Interactions a. Evolution (8 Pl. UHOH) |   |
|   |  | ○ 4605-500 (Beyer) Biologische Sicherheit und Gentechnikrecht                      |   |   |   |
|   |  | ○ 4905-430 (Cadisch) Integr. Agricultural Production Systems                       | ○ 4907-430 (Asch) Crop Prod. Affecting the Hydrological Cycle   |   |   |
|   |  | ○ 4907-420 (Asch) Ecophysiology of Crops in the T+S                                |   |   |   |
| <b>M.Sc. EnviroFood</b>                                   | ● 3103-450 (Streck) Spatial Data Analysis with GIS   | ☛ 3102-440 (Kandeler) Environmental Pollution and Soil Organisms                   |   | ○ 4302-450 (Lemke) Gender, Nutrition, and Right to Food (2020, 2022, 2024, ...)                                       |   |
|   |  | ☛ 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  |   |
| <b>M.Sc. EnvEuro</b><br>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  | ☛ 3301-480 (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  |   | ☛ 3301-480 (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.)   |
| 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 2020, 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  |   |
| <b>M.Sc. Landscape Ecology</b>                            | ☛ 3201-590 (Schurr) Combining Ecological Modells and Data                                  | ☛ 3201-620 (Schmieder) Vegetation and Soils of Centr. Europe                       | ☛ 3101-570 (Herrmann) Field Course Soils and Vegetation   | ● 3201-600 (Schurr) Intensive Course Landscape Ecology  | ○ 3101-420 (Herrmann) Internationale standortkundliche Geländeübung / International Field Course Site Evaluation (Engl.+Ger.) (September 2020, 2022, 2024, ,,, ...) |
|   |  |  | ☛ 4907-430 (Asch) Crop Production Affecting ...   |   |   |
|   |  | ☛ 3103-450 (Streck) Spatial Data Analysis with GIS                                 |   | ☛ 4403-470 (Müller, J.) Renewable Energy for Rural Areas  |   |
|   | ☛ 3101-460 (Herrmann) Soils of the World - Formation, Classification, and ... (2019, 2021) | ☛ 4905-470 (Rasche) Biodiversity and Genetic Resources                             | ☛ 4302-470 (Bieling) Landscape Change, Resilience, and Ecosystem Services                                     |   |   |

Anmeldemodalitäten für Teilnahme siehe Modulkatalog / Check module descriptions for how to register for participation (<https://www.uni-hohenheim.de/modulkatalog.html>)

# MSc-Studien- und Prüfungsplan

# MSc Study and Examination Plan

Name: \_\_\_\_\_

Studiengang / Study Program: \_\_\_\_\_

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

| 1. Semester<br>WS / SS: ..... | Verbindlichkeit<br> <br>Bindingness | Credits | 2. Semester:<br>WS / SS: ..... | Verbindlichkeit<br> <br>Bindingness | Credits | 3. Semester:<br>WS / SS: ..... | Verbindlichkeit<br> <br>Bindingness | Credits | 4. Semester:<br>WS / SS: ..... | Verbindlichkeit<br> <br>Bindingness | Credits |
|-------------------------------|-------------------------------------|---------|--------------------------------|-------------------------------------|---------|--------------------------------|-------------------------------------|---------|--------------------------------|-------------------------------------|---------|
|                               |                                     |         |                                |                                     |         |                                |                                     |         |                                |                                     |         |
|                               |                                     |         |                                |                                     |         |                                |                                     |         |                                |                                     |         |
|                               |                                     |         |                                |                                     |         |                                |                                     |         |                                |                                     |         |
|                               |                                     |         |                                |                                     |         |                                |                                     |         |                                |                                     |         |
|                               |                                     |         |                                |                                     |         |                                |                                     |         |                                |                                     |         |
|                               |                                     |         |                                |                                     |         |                                |                                     |         |                                |                                     |         |
| <b>Σ Semester-Credits</b>     | X                                   |         | X                              |                                     |         | X                              |                                     |         | X                              |                                     |         |

# 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 PhD students

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

# Lecture Periods

|                 |  |                               |
|-----------------|--|-------------------------------|
| <b>WS 19/20</b> | <b>First day of <u>un</u>-blocked modules:</b> | (42. KW) Monday, 14.10.2019   |
|                 | <b>First day of blocked modules:</b>           | (42. KW) Monday, 14.10.2019   |
|                 | <b>Last day of <u>un</u>-blocked modules:</b>  | (5. KW) Saturday, 01.02.2020  |
|                 | <b>Last day of blocked modules:</b>            | (7. KW) Friday, 14.02.2020    |
| <b>SS 20</b>    | <b>First day of blocked modules:</b>           | (15. KW) Monday, 06.04.2020   |
|                 | <b>First day of <u>un</u>-blocked modules:</b> | (15. KW) Monday, 06.04.2020   |
|                 | <b>Last day of <u>un</u>-blocked modules:</b>  | (29. KW) Saturday, 18.07.2020 |
|                 | <b>Last day of blocked modules:</b>            | (31. KW) Friday, 31.07.2020   |

**Free of lectures:** All Saints' Day: Fri, 01. Nov. 2019, Christmas holidays: Mo, 23. Dec. 2019 – Mo 06. Jan 2020, Easter: Fri, 10. Apr. – Mon, 13. Apr. 2020, International Labour Day: Fri, 01. May 2020, Ascension: Thurs, 21. May 2020, Pentecost: Tues, 02. June 2020 – Sat, 6 June 2020 (excursions might take place during that week!), Corpus Christi: Thurs, 11. June 2020.

## Examination periods in winter semester 2019/20

**B.Sc. and M.Sc. period 1:** calendar week 6 to 8  
**B.Sc. and M.Sc.: period 2:** calendar week 13 to 14  
**Deadline for the registration for exams:** is fixed by the examination office

## Examination periods in summer semester 2020

**B.Sc. and M.Sc. period 1:** calendar week 30 to 32  
**B.Sc. and M.Sc.: period 2:** calendar week 39 to 41  
**Deadline for the registration for exams:** is fixed by the examination office

Questions concerning the examination regulations, the study and examination plan, withdrawal or transcripts of records are answered at the examination office and the exact dates of the module examinations are posted at the online notice-board of the examination office at: (<https://www.uni-hohenheim.de/en/examination>).