Doctoral Degree Regulations (Rules) for the Faculty of Agricultural and Nutritional Sciences at Christian-Albrechts-Universität zu Kiel (Kiel University) of 9 December 2011

Based on § 52 (1) in conjunction with § 54 (3) of the Schleswig-Holstein Higher Education Act (HSG) of 28 February 2007 (GVOBl. Schleswig-Holstein, page 184), most recently amended by Article 1 of the Act of 4 February 2011 (GVOBl. Schleswig-Holstein, page 34, corrected GVOBl. Schleswig-Holstein, page 67), after a resolution was passed by the Convention of the Faculty of Agricultural and Nutritional Sciences at Kiel University of 9 June 2011 and 7 July 2011, the following Rules were issued:

§ 1 Doctoral Degrees

The Faculty of Agricultural and Nutritional Sciences awards the title of Doctor of Agricultural Sciences (Dr. sc. agr.) or Doctor of Ecotrophology (Dr. oec. troph.) on the basis of an academic paper (doctoral dissertation) and an oral examination (defence of the doctoral dissertation / disputation). The title of Dr. sc. agr. acquired prior to the introduction of the title of Dr. oec. troph. can be changed to the title Dr. oec. troph. by request.

§ 2 Dissertation

The dissertation must be a considerable academic achievement; it must present an advance in academic knowledge and demonstrate the applicant's ability to carry out independent academic work.

§ 3 Defence of the Doctoral Dissertation (Disputation)

In his/her defence of the doctoral dissertation (disputation), the applicant must prove that he/she has basic academic knowledge of the specialist fields of Agricultural Sciences and/or Ecotrophology in accordance with the Annex to these Doctoral Degree Regulations.

§ 4 Requirements for Admission to the Doctoral Degree

(1) Admission to the doctoral degree requires proof of a grade of "good" (up to 2.5) in a diploma or M.Sc. certificate from a Faculty of Agricultural and/or Nutritional Sciences of a German or recognised foreign university. Instead of these qualifications, the Faculty Convention may recognise a doctoral degree examination, diploma examination, Master's degree or state examination in another academic discipline, taken at a recognised university and passed with a grade of at least "good".

(2) Notwithstanding Para 1, the Faculty Convention may admit applicants with a degree qualification as doctoral candidates if they were among the top 25% of their academic year.

(3) A signed supervision agreement (see Annex 1) must be presented for admission to the doctoral degree.
(4) Supervision as a doctoral candidate by a Faculty member authorised to do so does not entitle the applicant to be admitted to the doctoral degree.

(5) Graduates of universities of applied sciences may be admitted to the doctoral degree by the Faculty Convention if they have passed a diploma or M.Sc. examination in a subject relevant to the doctoral degree subject with a grade of at least "very good" (up to 1.5) or they meet the requirements for a fast track doctoral degree (see § 4 Para 6) and they have the same ability to carry out academic work as required for university degree programmes, and can prove this in an aptitude test in accordance with § 5 Para 2 No. 3.

(6) Especially gifted graduates with a Bachelor's degree from a university or university of applied sciences may be admitted to a fast-track doctoral degree in exceptional cases. The prerequisite for this is an average grade of at least 1.3 (university) or 1.0 (university of applied sciences), as well as an interview to determine the particular competence for scientific work. Further details on fast-track doctoral degrees are set out in Section 25.

(7) The doctoral candidate shall provide a declaration that he/she has not already unsuccessfully submitted a dissertation in the same or a related subject. If a dissertation in another subject was already unsuccessfully submitted, this must be acknowledged, stating the subject, the university and the faculty in which admission as a doctoral candidate was applied for. The Faculty Convention makes the decision on admission on the basis of both of these factors and will confirm its decision in writing.

(8) If necessary, the faculty determines whether it is a cross-faculty dissertation, and declares in the confirmation of acceptance its consent to admission of the dissertation project or to assess its responsibility in conclusion in good time before admission to the doctoral examination procedure and to bindingly decide on admission.

§ 5
Acceptance of Doctoral Candidates

(1) On application, a person completing a doctoral thesis can be accepted by the faculty as a doctoral candidate. The application should be made prior to starting work on the thesis.

(2) The requirements for acceptance are

1. that specialist assessment under the Faculty of Agricultural and Nutritional Sciences is possible; this may be assumed, in particular, if a faculty member or cooperation partner authorised to provide supervision is willing to do so and
2. that the candidate has fulfilled the requirements of § 4 Para 1, 2 or 6 or
3. that, in the case of graduates of universities of applied sciences, the candidate has fulfilled the requirements of § 4 Para 5 or 6. The aptitude test consists of a discussion of the applicant's written plan for the dissertation project with at least three full-time faculty professors appointed by the Dean. The recommendation for admission to the doctoral degree may be provided dependent on successful attendance at individual courses. The candidate is informed of the result of this aptitude test in writing.

(3) The Dean decides whether graduates of his/her own faculty are accepted, while the Faculty Convention decides whether other graduates are accepted.

(4) Acceptance is based on the conclusion that the requirements of § 4 were fulfilled at the time acceptance was declared; incidentally, this does not entitle the applicant to be admitted to the doctoral examination procedure.

(5) Acceptance may be revoked through written declaration by the Dean, if the supervisor or those authorised to provide specialist supervision in the faculty in accordance with § 6 Para 1 and 2 declare in writing that they terminate the supervision agreement. One-sided termination by authorised supervisors is only permitted in justified cases.
§ 6  Supervision of Doctoral Candidates

(1) Professors working full-time in the faculty, junior professors, honorary professors and those qualified to teach at professorial level who teach in the faculty on a regular basis, are authorised to supervise doctoral candidates. Doctoral candidates are not entitled to decide which particular university lecturer is to supervise them. A university lecturer may complete his/her supervision after retirement from active service; it is not possible for him/her to accept new doctoral candidates.

(2) In exceptional cases, the Faculty Convention may entitle members of other scientific institutes with which a cooperation agreement has been concluded to provide supervision, if they can otherwise be assigned to the circle of individuals named in (1), or if they can provide evidence of other achievements that are equivalent to the post-doctoral lecture qualification.

(3) Willingness to provide supervision is documented in the supervision agreement. The Dean shall be informed in writing in the event of premature termination of supervision. In particular, the supervisor shall ensure that the doctoral candidates report on the progress of his/her work in a working group seminar in the presence of his/her supervisor at least twice a year.

(4) Registration with the Graduate Centre is recommended in order to make use of the services provided by the Graduate Centre.

§ 7  Dissertation

(1) The subject of the dissertation must be a topic from the field of Agricultural Sciences, Ecotrophology or Agricultural Economics and must be written in German or English. Each dissertation must include a summary in German and English. The dissertation can be compiled as a monograph or as a cumulative dissertation.

(2) For a cumulative dissertation, it is possible to submit several papers that have already been submitted for publication or approved for publication, including a common introduction and a closing statement, which must be produced by the candidate alone. In the case of cumulative dissertations consisting of papers that have not yet been published or approved for publication, the methods used must be adequately described in the Appendix. In the case of publications with several authors, the doctoral candidate shall present his/her own section and this shall be confirmed by the first rapporteur (§ 8 Para 1 No. 4).

§ 8  Admission to the Doctoral Examination Procedure

(1) The application for admission to the doctoral examination procedure must be submitted to the Dean. The application must include:

1. Five hard copies of the dissertation and one electronic copy in a format determined by the Dean's Office,
2. a sworn declaration that the dissertation was produced independently and without unauthorised assistance and that the work has not been presented to any other faculty,
3. a declaration that the work complies with the principles of good scientific practice as defined by the DFG (German Research Foundation),
4. in the case of cumulative dissertations, a declaration of co-authorship must be provided in accordance with § 7 Para 2,
5. a declaration stating whether the defence of the doctoral dissertation (disputation) is to be conducted in German or English,
6. a Curriculum Vitae written in German or English, providing information on the applicant's education and training and also stating his/her nationality,
For information purposes only, the German original is binding.

7. the applicant's secondary school-leaving certificate or a certificate recognised as equivalent by the relevant authority, as well as certificates for other education, studies and examinations already taken,

8. a certificate of good conduct issued by the police as well as a declaration by the applicant stating whether any criminal proceedings are pending,

9. a one-page summary of the dissertation written in German and approved by the first rapporteur.

(2) Admission shall not be permitted if the applicant does not meet the requirements for admission in accordance with § 4 of these Rules, or for reasons pursuant to § 40 Para 2 No. 3 to 5 of the Higher Education Act (HSG), or if there are grounds to justify the withdrawal of an academic title or if an academic title has been withdrawn, if the applicant has ultimately failed a doctoral degree procedure in the same specialist field or is currently involved in such a procedure.

(3) The application can be withdrawn as long as the doctoral examination procedure has not been completed without success.

(4) The decision on admission rests with the Dean. A rejection to the application shall be accompanied by a statement of reasons along with instructions on the legal remedies available.

§ 9
Appointing a Rapporteur

(1) If the requirements for admission have been met, the Dean shall appoint at least two rapporteurs for the dissertation.

(2) One of the rapporteurs must be a member of the Faculty of Agricultural and Nutritional Sciences in accordance with § 6 Paras 1 and 2 of these Rules. The first rapporteur should be the faculty member or supervisor in accordance with § 6 Para 2 who has supervised the applicant as a doctoral candidate.

(3) A former member of the faculty can be appointed rapporteur if he/she has supervised the applicant as a doctoral candidate.

(4) If the subject of the dissertation falls within the scope of two faculties, the Dean can request that a member of another faculty at Kiel University or another university be appointed as rapporteur.

Members of other universities or universities of applied sciences can also be appointed as rapporteurs, while members of other academic institutions can be requested as additional rapporteurs if they are qualified in a corresponding manner to the circle of individuals listed in § 6 Paras 1 and 2. This applies, in particular, if the candidate is a graduate of a university of applied sciences.

(5) Before appointing rapporteurs who are not members of the Faculty of Agricultural and Nutritional Sciences, the Dean must ensure that this does not cause any delay to the doctoral degree procedure.

§ 10
Assessing the Dissertation

(1) Rapporteurs submit a well-reasoned report to the Faculty Convention recommending the acceptance or rejection of the dissertation.

(2) A dissertation recommended for acceptance should be graded in accordance with § 20.

(3) If the dissertation is graded "with distinction" by both rapporteurs, the Dean must obtain a third external report. If the work is not graded "with distinction" by all three examiners, it will receive the grade "very good".
(4) If it is recommended that the dissertation is returned for revision, the rapporteurs are to state a deadline by which the applicant must submit his/her work again for re-examination.

(5) If the reports are not in agreement in terms of the dissertation's grade, the rapporteurs shall determine the grade together.

(6) If the rapporteurs cannot agree on a grade, the Dean shall determine a grade following consultation with the rapporteurs. The Dean is free to obtain another report to make his/her decision. If the reports are more than one grade apart, a third report shall be obtained.

§ 11
Exhibiting the Dissertation

(1) The dissertation and reports are to be exhibited for viewing in the Dean's Office for two weeks. Each member of the faculty named in § 6 Paras 1 and 2 of these Rules is authorised to inspect them and submit their own well-reasoned report. Such reports are to be considered by the Dean when grading takes place.

(2) If a member of the faculty in accordance with § 6 objects to the acceptance of the dissertation or if the rapporteurs disagree with each other in this respect, the Dean can call for other reports by members of other faculties or members of another university (cf. § 8 Para 4). The Faculty Convention shall then make the final decision.

(3) If no objection is made against the recommendation by the rapporteurs to accept the dissertation, the Dean shall announce admission to the defence of the doctoral dissertation (disputation) on behalf of the faculty.

§ 12
Rejection of a Dissertation

If the dissertation is rejected, the Dean shall declare the doctoral examination procedure to be finished and issue notification to this effect. The dissertation and the reports shall be retained on file by the Faculty. The candidate can apply at most one more time for admission to the doctoral degree with a project on a different subject.

§ 13
Date and Principles of the Defence of the Doctoral Dissertation (Disputation)

(1) If the dissertation is accepted, the Dean shall set the date for the defence of the doctoral dissertation (disputation), appoint the examiners, which shall include the first rapporteur, and inform the members of the Faculty Convention. If the specialist field is represented by more than one member of the teaching staff, the candidate may suggest an examiner from this specialist field to the Dean, but this does not mean the Dean must consider the proposal.

(2) Each member as defined in § 6 Paras 1 and 2 of these Rules is entitled to attend the defence of the doctoral dissertation (disputation) and pose questions to the candidate.

(3) The minutes are to be recorded for the grading of the defence of the doctoral dissertation (disputation).

§ 14
Conducting the Defence of the Doctoral Dissertation (Disputation)

(1) The Dean appoints an Examination Board. It comprises the rapporteurs and usually two more professors, but at least one more professor in accordance with § 6 Paras 1 and 2. The Dean appoints a member of the Examination Board who is not a rapporteur as the Chairperson. If an external second rapporteur is unable to join the Examination Board, the Dean may decide to replace the second rapporteur with a member of the Faculty of Agricultural and Nutritional Sciences or another faculty of Kiel University pursuant to § 6 Paras 1 and 2.
(2) The defence of the doctoral dissertation (disputation) consists of a presentation by the doctoral candidate on his/her dissertation lasting 20 minutes, followed by a discussion lasting 60 minutes during which questions from related specialist fields may be asked. The Chairperson may allow members of the audience to ask questions during the discussion.

(3) If a candidate provides credible evidence that, owing to a chronic illness or a disability, he or she is not in a position to meet all or some of the disputation requirements in the prescribed form, the Chairperson of the Doctoral Degree Committee can authorise equivalent examinations in a form appropriate to the candidate's needs. The university's representative body for the disabled can be involved when the Chairperson of the Doctoral Degree Committee makes decisions. Chronic illness or disability must be evidenced by a doctor's note.

§ 15
Absence from the Defence of the Doctoral Dissertation (Disputation)

If, despite receiving a proper invitation, the applicant is absent from the defence of the doctoral dissertation (disputation) without an adequate reason, the defence of the doctoral dissertation (disputation) is regarded as failed.

§ 16
The Public and the Defence of the Doctoral Dissertation (Disputation)

(1) Disputations are open to the university-affiliated public. If requested for good cause, the Doctoral Degree Committee may allow a disputation to be held in private session.

(2) Consultation on and the announcement of the examination result are not open to the public.

§ 17
Specialist fields

Specialist fields are all those specialist fields listed in Annex 2 insofar as they are represented by a professor pursuant to § 6 Paras 1 and 2.

§ 18
Analysis of the Defence of the Doctoral Dissertation (Disputation)

(1) Each member of the Examination Board grades the examination. Grading is performed in accordance with § 20 Para 1 of these Rules, where inadequate examinations are graded as "failed". If the disputation is graded as "failed" by two or more examiners, the candidate has failed the disputation.

(2) If the examinations are adequate, the examiners involved in the examination of the candidate decide the overall grade for the defence of the doctoral dissertation (disputation); this is decided by a simple majority vote; in the event of a tie, the Chairperson decides. Abstention is not permitted.

§ 19
Repeating the Defence of the Doctoral Dissertation (Disputation)

(1) If the defence of the doctoral dissertation (disputation) is not completed successfully, the applicant can repeat it once only.

(2) The defence of the doctoral dissertation (disputation) must be repeated on the next available date; defence of the doctoral dissertation (disputation) dates are normally held twice a semester.

§ 20
Grading

(1) The following are permitted grades for a dissertation and defence of the doctoral dissertation (disputation):
with distinction (0)
very good (1)
good (2)
satisfactory (3)

(2) The overall grade of the doctoral degree examination shall be obtained by calculating the total of the grade for the dissertation weighted by a factor of 0.7 plus the grade for the defence of the doctoral dissertation (disputation) weighted by a factor of 0.3. This result shall determine the overall grade of the doctoral degree examination as follows:

- with distinction (summa cum laude) at a value of 0.0
- very good (magna cum laude) at a value of 0.1 to 1.5
- good (cum laude) at a value of 1.6 to 2.5
- satisfactory (rite) at a value of 2.6 to 3.0

§ 21
Notification of the Examination Result

The candidate is notified of the overall assessment, the evaluation of the dissertation and the result of the defence of the doctoral dissertation (disputation) in the form of a certificate as soon as they are determined.

§ 22
Publication

(1) If the examination has been passed and the first rapporteur has stated that the dissertation is ready to be printed, the applicant must then publish his/her dissertation. The candidate shall decide how to publish his/her work in agreement with the first rapporteur. The Dean grants permission to publish. She/he may impose additional conditions regarding the dissertation format.

(2) If permission for the dissertation to be printed has not been granted, the dissertation must be improved within twelve months. The reasons for rejecting readiness for printing must be explicitly described in the report. Paragraph 3 Sentences 5 and 6 apply accordingly.

(3) In addition to the copy required for the examination records, one of the following must be submitted free of charge for the purpose of the publication of the dissertation:

- a) 50 copies in letterpress or digital printing for distribution, or
- b) 5 copies, if the dissertation is to be published in a scientific journal, or
- c) 5 copies, if a commercial publisher will distribute the dissertation via the bookselling trade and evidence is provided of a minimum edition of at least 150 copies, or
- d) 5 copies, if simultaneous publication in generally accessible electronic media via the university library takes place (in this case the files to be submitted to the university library must be formatted according to its specifications). If electronic publication should not be possible for copyright or patent reasons, initially only an abstract shall be published electronically. After three years have elapsed, the entire work must have been published.

These must be submitted within a year of the permission to publish being granted. If this deadline is not met, all rights obtained through the doctoral degree procedure are forfeited. In special cases, the Dean can extend the deadline, even retroactively. This requires a well-reasoned request by the applicant.

(4) The copies to be supplied shall be made identifiable as a doctoral dissertation.
§ 23
Conferral of the Doctoral Degree
(1) After all the obligations arising from the doctoral examination procedure have been met, the doctoral degree is completed with the issuing of a certificate. Once the doctoral degree has been conferred, the candidate is entitled to hold a doctoral degree title.

(2) The Dean may permit the applicant to hold the doctoral degree title before fulfilling the obligations stated in § 22 Para 3 if he/she has a publishing contract that ensures publication of the dissertation within a reasonable period.

(3) The certificate must state the name of the first rapporteur, the overall grade and the specialist field in which the applicant has attained his/her doctoral degree. The applicant shall receive by request a certificate from the Dean on the assessment of his/her dissertation. An English translation of the certificate can be issued by request.

(4) A copy of the certificate is to be kept in the Faculty's records.

(5) Graduates of the fast track doctoral degree will also be awarded the title of Master on successful completion of their degree.

§ 24
Refusal and Withdrawal of the Doctorate
(1) In severe cases, the Faculty Convention must declare the doctoral studies invalid, if, before handing out the certificate, it turns out that the doctoral candidate is guilty of gross violations against the rules of good scientific practice. In the case of minor violations, the Convention makes a decision on measures for punishment of such behaviour in its discretion following consultation.

(2) In severe cases, the faculty must revoke the award of the doctoral degree if, after handing out the certificate, it turns out that the degree has been obtained by means of gross violations against the rules of good scientific practice.

(3) In severe cases, the faculty can revoke the award of the doctoral degree if the doctoral candidate commits gross violations against the rules of good scientific practice in his or her scientific work after the doctoral degree.

(4) Before a decision in cases described in Paras 1-3 is taken, the doctoral candidate must be heard. As a rule, external opinions are requested for preparation of the decision in cases described in Paras 2-3.

(5) If withdrawal of the doctoral degree is established as legally binding, all certificates relevant to the doctoral degree title must be returned.

§ 25
A fast-track doctoral degree
(1) The Faculty Convention shall appoint two full-time professors to hold an interview with the applicant to check his/her outstanding aptitude for scientific work. The supervisor does not take part in this interview. Minutes shall be taken during the interview. The professors report back to the Faculty Convention.

(2) The Faculty Convention shall decide on the application for acceptance on the basis of the Bachelor's degree certificate and the report on the interview.

(3) The requirement for handing in the dissertation is evidence of 60 ECTS from compulsory modules and, to supplement these, from compulsory elective modules from the relevant Master's degree programme.

(4) Upon successful completion of the fast-track doctoral degree, a Master's degree is awarded as well. The Master's thesis is not required. Please refer to the degree-specific examination regulations for more details. Contrary to Section 17 (1) of the Examination Procedure Regulations (PVO), the Master's transcript and Master's certificate will only be handed out, together with the doctoral certificate, when all module examinations have been
completed successfully in accordance with the relevant degree-specific examination regulations, as well as all examinations for the doctoral degree in accordance with these Doctoral Degree Regulations.

(5) If the doctoral candidate continues his/her Master’s degree programme, a dissertation that is rejected in accordance with Section 12 may be submitted as a Master’s thesis in a revised form in line with the scope of a Master’s thesis. Please refer to the degree-specific examination regulations for more details.

§ 26 Honorary Doctorates

(1) In accordance with the University Constitution, the Faculty can confer the title and honour of an Honorary Doctor of Agricultural Sciences (Dr. sc. agr. h.c.) or Ecotrophology (Dr. oec. troph. h.c.).

(2) A request for the conferral of an honorary doctorate may be submitted to the Dean in writing, providing detailed justification for such a title. The decision requires the agreement of at least 4/5 members of the Faculty Convention.

(3) The procedure for conferral of an honorary doctorate shall consist of the presentation to the honorary degree recipient of a certificate proclaiming his or her accomplishments.

(4) § 24 applies accordingly to its withdrawal.

§ 27 Data Collection

Pursuant to § 45 HSG, the Faculty collects such personal data from doctoral applicants and doctoral candidates as is necessary pursuant to these Doctoral Degree Regulations and the Higher Education Statistics Act (Hochschulstatistikgesetz, HstatG) for the legal discharge of its duties.


(1) These Rules enter into force on the day after the date they are published.

(2) At the same time, subject to the regulation in Para 3, the Doctoral Degree Regulations (Rules) for the Faculty of Agricultural and Nutritional Sciences at Kiel University of 12 October 1999 (Bulletin of the Ministry for Education, Science, Research and Cultural Affairs of the Land Schleswig-Holstein (NBl. MBWFK Schl.-H., page 565), most recently amended by statute of 23 June 2010 (Bulletin of the Ministry of Science, Economic Affairs and Transport of the Land Schleswig-Holstein (NBl. MWV Schl.-H., p. 55), cease to be in force.

(3) Doctoral candidates who have already been accepted as such at the Faculty of Agricultural and Nutritional Sciences at the time these Rules enter into force may sit the doctoral degree examination according to the previous Doctoral Degree Regulations by request.

The University Board at Kiel University granted its approval in accordance with § 54 (3) of the Schleswig-Holstein Higher Education Act (HSG) in its letter dated 8 December 2011.

Kiel, 9 December 2011

Prof. Dr. Karin Schwarz
Dean of the Faculty of Agricultural and Nutritional Sciences of Kiel University
Annex 1

Faculty of Agricultural and Nutritional Sciences of Kiel University

Declaration on the Assumption of the Role of Doctoral Degree Supervisor
(to be presented to the Dean's Office)

I intend to accept Ms /Mrs /Mr

(Surname, first name) (Date and place of birth)

(Registration number)
on

(Institute)as a doctoral candidate.

He/she has passed his/her

(Qualification) (Major subject)

with at

(Grade) (University)

It is intended to start work on the dissertation on / Work on the dissertation started on:

(Date)

The doctoral degree subject in accordance with Annex 2 of the Doctoral Degree Regulations is:

The subject of the dissertation is:

The subject of the dissertation crosses faculty boundaries □ yes □ no
If yes: __________________________.

Name of the faculty

The candidate is working towards the following doctoral degree:

______________________________

Date: 14.07.2018
I have assumed the role of supervisor. I will keep myself regularly informed of the status and progress of the dissertation project (cf. § 6 (3) of the Doctoral Degree Regulations).

☐ I will complete the doctoral degree stated above.

☐ I have read and accepted the rules of good scientific practice in relation to the standard of scientific work pursuant to recommendations by the DFG.

☐ I have read and accepted the Doctoral Degree Regulations for the Faculty of Agricultural and Nutritional Sciences.

☐ I consent to the fact that my data on the dissertation project and its progress will be saved in the Graduate Centre in accordance with the Federal Data Protection Act, as this is the central registration office for dissertation data, used for evaluation of the doctoral phase at Kiel University, as well as passed on to the Federal State Government of Schleswig-Holstein, the statistical office and the Federal Statistical Office.

☐ I have not used any intermediary agency for doctoral degrees.

Date, signature of the doctoral candidate
Annex 2

Specialist Fields in Agricultural Sciences

Soil Science  
Organic Farming  
Crop Science and Grassland Management  
Plant Nutrition  
Plant Breeding and Genetics  
Phytopathology  
Livestock Physiology  
Animal Nutrition and Feed Sciences  
Animal Husbandry  
Animal Breeding and Animal Genetics  
Aquaculture  
Agricultural Engineering  
Agricultural Economics  
Agribusiness  
Political Economics  
Agricultural and Nutritional Marketing  
Ecology  
Hydrology and Water Resources Management

Specialist Fields in Nutrition and Household Economics

Human Nutrition  
Nutrition Economics  
Agricultural and Nutritional Marketing  
Nutritional and Metabolic Physiology  
Household- and Health Economics  
Food Sciences  
Food Technology  
Molecular Nutrition and Prevention  
Nutrition- and Food Toxicology