

## PhD Regulations at ELLS Universities, as per 11.4.2013

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<b>BOKU</b>	
Doctorate regulations	<p>Overview at <a href="http://www.boku.ac.at/18367.html">http://www.boku.ac.at/18367.html</a></p> <p>Dr. nat. tech.: <a href="#">Curriculum</a> – <a href="#">Guidelines</a></p> <p>Dr. rer. soc. oec: <a href="#">Curriculum</a> – <a href="#">Guidelines</a></p> <p>PhD - BioToP: <a href="#">Curriculum</a> – <a href="#">Guidelines</a></p> <p>PhD - IGS–BioNano Tech: <a href="#">Curriculum</a> – <a href="#">Guidelines</a></p>
Admission	<p>General information on admission: <a href="http://www.boku.ac.at/18524.html?&amp;L=1">http://www.boku.ac.at/18524.html?&amp;L=1</a></p> <ol style="list-style-type: none"> <li>(1) Admission requirements for doctoral programmes in agricultural sciences include: <ol style="list-style-type: none"> <li>(a) a diploma or Master's degree in engineering sciences at BOKU or an individual diploma or Master's degree with a specialization at BOKU,</li> <li>(b) (b) a degree from an accredited Austrian or international university that is equivalent to the diploma or Master's degrees listed above or</li> <li>(c) a degree from an accredited degree programme at a university of applied sciences (Fachhochschule).</li> </ol> </li> <li>(2) When equivalence is given and not entirely equivalent in some aspects, the Rectorate may require for the achievement of complete equivalency special examinations that are to be taken in the course of studies in addition to the Viva Voce.</li> <li>(3) Admission according to (1)(b) for graduates with post-graduate degrees awarded by an international institution requires proof of direct admission to doctoral programmes in the countries awarding the degree, which is also proof of general admission to university.</li> </ol> <p><b>For IGS-BioNanoTech:</b> English Language proficiency IELTS 6,5 p. resp TOEFL 90 points (internet based test)</p>
Degree	<ul style="list-style-type: none"> <li>- Doctor of Natural Resources and Life Sciences*: (abbr.: Dr. nat. techn.)</li> <li>- Doctor of Social and Economics Sciences (abbr.: Dr. rer. soc. oec.)</li> <li>- PhD (Doctor of Philosophy) – BioToP and IGS-NanoBio (joint degree with NTU Singapore)</li> </ul>
Duration	3 years

PhD schools	Biomolecular Technology of Proteins (BioToP) <a href="http://biotop.boku.ac.at/">http://biotop.boku.ac.at/</a> International Graduate School in Nanobiotechnology (IGS–BioNano Tech) <a href="http://www.nano.boku.ac.at/18629.html">http://www.nano.boku.ac.at/18629.html</a>
PhD study courses	<a href="#">Study courses BioTop</a> <b>General provisions:</b> Courses should be selected in accordance with the following requirements: 1. not more than 50% of all courses should be instructed by the advisor; 2. courses pertaining to bachelor's programs are not acceptable; and 3. "subject specific terminology", "guidelines for scientific research" or "excursions" are not acceptable as part of the doctoral curriculum. The list of courses is to be approved by the Dean along with an official approval for the entire project (as per previous partial agreement).
ECTS	180 ECTS Dr. nat. tech , Dr. rer. soc. oec., PhD IGS–BioNano Tech : 20 ECTS study courses and 160 ECTS dissertation PhD BioToP: 42 ECTS study courses and 138 ECTS dissertation
Supervision	Advisor ( with “venia docendi”) + advisory team
Thesis	The dissertation is to demonstrate the candidate's ability to independently select a scientific problem for investigation and deal with it competently. Several scientific publications that pertain to the same topic are also accepted as dissertation
cumulative dissertations and regulations for these	(1) Upon approval of the advisor and the Dean, it is permitted to submit several previously published scientific works that pertain to one topic ("cumulative dissertation") and comply with the requirements of (2) in lieu of preparing a graduation paper for a specific project ("monograph"). In this event all pertinent research is to be summarised ("framework paper") including a list of research topics, methods and the scientific and practical relevance of the research. (2) Based on previous regulations of the Board of Studies for Doctoral Programmes “cumulative” dissertations are to comply with the following requirements: at least 2 publications, a minimum two of which are to be SCI publications and at least 2 produced as main author or equally contributing author (in the event of cooperation with other academic disciplines). Thus, ideally the requirements are adequately met with 2 SCI publications as main author (or equivalent). Publications in journals that are recognised by the Vice-Rector for Research as equivalent to SCI journals, are regarded as SCI publications. Such publications are to have been accepted or at least accepted with minor revisions and the revised version is to be presented.
PhD grading (internal / external evaluators?)	Dissertation is reviewed by two university teachers. The advisor may not review the dissertation. Furthermore, a maximum of one reviewer may pertain to the same department as the advisor. Both reviewers are to pertain to the scientific discipline of the dissertation or at least to a related field.
PhD defence (examiners: how many? Internal? External? Opponent?)	<i>Viva Voce</i> Examination (1) For the first part of the <i>Viva Voce</i> Examination of the Doctorate of Agricultural Sciences candidates are required to take course examinations amounting to 20 ECTS. These courses are to be relevant to the dissertation topic Second part of the <i>Viva Voce</i> Examination (1) Registration for the second part of the <i>Viva Voce</i> Examination requires compliance with admission requirements, passing of

	<p>all examinations pertaining to the first part of the Viva Voce and an assessment of the dissertation as satisfactory. If three reviewers have been consulted, at least two of them need to evaluate the dissertation as satisfactory.</p> <p>(2) The second part of the Viva Voce is an examination conducted before the entire Examination Board in accordance with regulations on public examinations. The Chair of the Examination Board and all participants (candidate, examiners) may present the dissertation according to their own preferences; they decide whether the audience may participate in the discussion and how the examiners should arrive at their evaluations.</p> <p>(3) Examination subjects of the Viva Voce include:</p> <ol style="list-style-type: none"> <li>1. the subject area of the dissertation topic;</li> <li>2. a subject area that is proposed by the Dean in accordance with preferences of the candidate and suggestions of the advisory team..</li> </ol>
(Teaching activities)	Not required
Joint PhD	<p>International Graduate School in Nanobiotechnology (IGS–NanoBio) –Partner: Nanyang Technological University (NTU) Singapore</p> <p>Several individual cotutelle (Double Degree) Doctoral agreements.</p>
Activities with relation to Funding programmes	?

<b>SCIENCE</b>	
Doctorate regulations	Overview at <a href="http://www.science.ku.dk/english/research/phd/student/rules">http://www.science.ku.dk/english/research/phd/student/rules</a>
Admission	Applicant must hold an academically relevant Danish master's degree or be able to document equivalent qualifications, e.g. a master's degree from a foreign university (assessment by Danish Agency for International Education –former CIRIUS – required) English language proficiency -IELTS test 6.0 or TOEFL test 83 points (internet based test)
Degree	PhD – Doctor of Philosophy
Duration	3 years
PhD schools	One PhD school covering all PhD activities at the 12 Departments.
PhD study courses	<p><b>General provisions:</b> Courses approx. 30 ECTS points, corresponding to six months' studies.</p> <p>The PhD school and the Departments regularly offers PhD courses which are announced on the faculty's website and on the National PhD course database (<a href="http://phdcourses.dk/">http://phdcourses.dk/</a>). PhD courses must be approved by the PhD study board. Courses organised by other course organisers in Denmark and abroad may also form part of the PhD programme. Participation in such courses is subject to prior agreement with the principal supervisor and usually subject to advance approval by the PhD Study Board.</p>
ECTS	180 ECTS Coursework 30 ECTS
Supervision	Every PhD student must have a principal supervisor. The principal supervisor is responsible for the entire PhD programme, which is planned in collaboration with the PhD student. Additional supervisors may be appointed and must be qualified within the relevant field
Thesis	<p>The PhD thesis must be written in Danish, English or in another major language approved by the principal supervisor and must, in addition to the above, usually contain the following elements:</p> <ul style="list-style-type: none"> <li>- Purpose</li> <li>- Description of the project's academic area related to the existing knowledge within the discipline</li> <li>- Description of the research activities conducted (including material, methodologies and findings), including any manuscripts and already published articles</li> <li>- List of any articles and/or manuscripts forming part of the thesis</li> </ul>

	<ul style="list-style-type: none"> <li>- Summary discussion</li> <li>- Conclusion and account of further research perspectives</li> </ul>
cumulative dissertations and regulations for these	<p>If the PhD thesis is based on manuscripts for publication or already published articles which do not contain a wider description of the discipline and the research conducted, an overview must be prepared of the findings of the articles, and the content of the articles must be related to the theoretical basis and to each other.</p> <p>If the thesis includes articles or draft articles prepared in collaboration with others, there must be enclosed written declarations from each of the co-authors stating the contribution of the author of the PhD thesis to the work</p>
PhD grading (internal / external evaluators?)	<p>A three-member assessment committee is appointed no later than immediately following the submission of the PhD thesis. The members must be at least at the level of associate professor or senior researcher within the relevant field of study. <b>Two</b> of the members must be <b>external researchers</b>, i.e. they must not be employed at the University of Copenhagen.</p> <p><b>At least one of the members must be from outside Denmark</b>, unless this is not practicable considering the subject in question. Efforts should be made to ensure that both genders are represented on the committee. Persons who are co-authors of articles included in the PhD thesis may not be on the assessment committee.</p> <p>The PhD student's supervisors may not be on the assessment committee; however the principal supervisor assists the committee without voting rights . The supervisor can not act as secretary to the committee.</p>
PhD defence (examiners: how many? Internal? External? Opponent?)	<p>The PhD thesis is defended publicly. At the defence, the author must have the opportunity to explain his or her work and defend the PhD thesis before the members of the assessment committee. The PhD thesis must be available to the public in due time before the defence. Due time will usually be at least two weeks.</p> <p>A PhD defence cannot be confidential and any confidential parts of the research project cannot be included in the basis for the award of the PhD degree.</p> <p>If, for substantial personal reasons, the author requests an exemption from defending his or her PhD thesis in public, he or she must submit an application through the Rector to the Danish University and Property Agency requesting this (cf. section 27 of the PhD order).</p>
Teaching activities	<p>PhD students must gain experience with teaching and other type of knowledge dissemination. PhD students should on average spend 70 hr a years on teaching and dissemination activities. A didactic course and a course in scientific communication are offered to PhD students.</p> <p>Further teaching activities or other communication work may be required from the PhD student. The teaching and communication components must not exceed 280 hours per year for a full-time PhD student.</p>
Joint PhD	<p><b>Agricultural Transformation by Innovation (<a href="#">AgTrain</a>)</b></p> <p><b>Forest and Nature for Society (<a href="#">FONASO</a>)</b></p>
Activities with relation to funding programmes	Erasmus Mundus

SLU	For those admitted before the 1 January 2013:	For those admitted AFTER 1 January 2013:
Doctorate regulations	<p>Overview at <a href="http://www.slu.se/en/education/postgraduate-studies/to-be-a-phd-student/">http://www.slu.se/en/education/postgraduate-studies/to-be-a-phd-student/</a> and at <a href="https://internt.slu.se/en/research-education-ema/phd-education/">https://internt.slu.se/en/research-education-ema/phd-education/</a></p> <p><b>For those admitted before the 1 January 2013:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Guidelines Faculty of Forest Sciences</a></li> <li>• <a href="#">Guidelines Faculty of Natural Resources and Agricultural Sciences</a> (NL Faculty)</li> <li>• <a href="#">Guidelines Faculty of Veterinary Medicine and Animal Science</a> (VH Faculty)</li> <li>• <a href="#">Guidelines Faculty of Landscape Planning, Horticulture and Agricultural Science</a> (LTJ Faculty)</li> </ul> <p><b>For those admitted after 1 January 2013:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">The new university common guidelines</a></li> </ul>	<p>Overview at <a href="http://www.slu.se/en/education/postgraduate-studies/to-be-a-phd-student/">http://www.slu.se/en/education/postgraduate-studies/to-be-a-phd-student/</a> and at <a href="https://internt.slu.se/en/research-education-ema/phd-education/">https://internt.slu.se/en/research-education-ema/phd-education/</a></p> <p><a href="#">The new university common guidelines</a></p>
Admission requirements	<p>A person meets the general entry requirements for third-cycle courses and study programmes if he or she:</p> <ol style="list-style-type: none"> <li>1. has been awarded a second-cycle qualification</li> <li>2. has satisfied the requirements for courses comprising at least 240 credits of which at least 60 credits were awarded in the second-cycle, or</li> </ol>	<p>A person meets the general entry requirements for third-cycle courses and study programmes if he or she:</p> <ol style="list-style-type: none"> <li>1. has been awarded a second-cycle qualification</li> <li>2. has satisfied the requirements for courses comprising at least 240 credits of which at least 60 credits were</li> </ol>

	<p>3. has acquired substantially equivalent knowledge in some other way in Sweden or abroad.</p> <p>The higher education institution may permit an exemption from the general entry requirements for an individual applicant, if there are special grounds.</p>	<p>awarded in the second-cycle, or</p> <p>3. has acquired substantially equivalent knowledge in some other way in Sweden or abroad.</p> <p>The higher education institution may permit an exemption from the general entry requirements for an individual applicant, if there are special grounds.</p> <p>Upper secondary school grades equivalent to B are a basic requirement. Applicants who do not have a school-leaving certificate from an upper secondary school must have an internationally approved language test certificate (TOEFL, IELTS or Cambridge ESOL) in accordance with the requirements of <a href="http://www.universityadmissions.se">www.universityadmissions.se</a>. Applicants with a Bachelor's degree from a university at which English is the only teaching language may be granted exemption from the language test requirement if they meet the requirements laid down in "The International Handbook of Universities" published the same year the degree was awarded.</p>
Degree	<p>Doctor of Agriculture</p> <p>Doctor of Forestry</p> <p>Doctor of Philosophy</p> <p>Doctor in Veterinary Medicine</p> <p>Degree of Licentiate )'licentiatexamen' = autonomous part of a doctoral</p>	<p>Doctor of Agriculture</p> <p>Doctor of Forestry</p> <p>Doctor of Philosophy</p> <p>Doctor in Veterinary Medicine</p> <p>Degree of Licentiate )'licentiatexamen' = autonomous part of a doctoral programme, two years of full-time study:</p>

	programme, two years of full-time study: course work and dissertation)	course work and dissertation)
Duration	4 years for a doctorate, 2 years for a licentiate (not considered for the rest of this table)	4 years for a doctorate, 2 years for a licentiate (not considered for the rest of this table)
PhD schools	SLU has 18 research schools (ee: <a href="http://www.slu.se/en/education/postgraduate-studies/research-schools/">http://www.slu.se/en/education/postgraduate-studies/research-schools/</a> ) and the ambition is that the majority of the PhD student shall take part in a research school	SLU has 18 research schools (ee: <a href="http://www.slu.se/en/education/postgraduate-studies/research-schools/">http://www.slu.se/en/education/postgraduate-studies/research-schools/</a> ) and the ambition is that the majority of the PhD student shall take part in a research school
PhD study courses	<p>Minimum 45 ECTS</p> <p>Search for PhD courses at <a href="https://internt.slu.se/en/research-education-ema/phd-education/education-phase/phd-courses/search-postgraduate-courses/">https://internt.slu.se/en/research-education-ema/phd-education/education-phase/phd-courses/search-postgraduate-courses/</a></p> <p><a href="#">General PhD courses</a></p> <p><a href="#">Subject courses</a></p>	<p>Third-cycle programmes must include both basic course and subject courses. The degree must include at least</p> <ul style="list-style-type: none"> <li>- 30 HEC in the form of courses for a degree of Doctor</li> <li>- 15 HEC in the form of courses for a degree of Licentiate</li> </ul> <p>The general syllabus for a specific third-cycle subject may specify a higher minimum number of HEC. It is possible to require up to 120 HEC for a degree of Doctor, and up to 60 HEC for a degree of Licentiate</p> <p>Search for PhD courses at <a href="https://internt.slu.se/en/research-education-ema/phd-education/education-phase/phd-courses/search-postgraduate-courses/">https://internt.slu.se/en/research-education-ema/phd-education/education-phase/phd-courses/search-postgraduate-courses/</a></p> <p><a href="#">General PhD courses</a></p> <p><a href="#">Subject courses</a></p>



ECTS	240 ECTS (Coursework min 45 ECTS. Thesis 120 – 195 ECTS)	240 ECTS (Coursework min 30 ECTS.)
Supervision	<p>Principal supervisor + co-supervisor(s) (change possible)</p> <p>At least one of a research student's supervisors must have undergone training for supervisors or have been found by the faculty board to have corresponding skills</p>	<p>Principal supervisor + co-supervisor(s) (change possible)</p> <p>At least one of a research student's supervisors must have undergone training for supervisors or have been found by the faculty board to have corresponding skills</p>
Thesis	The thesis may be submitted as a compilation of papers or as a monograph. The thesis should be written in English or another language relevant for the subject.	The thesis may be submitted as a compilation of papers or as a monograph. The thesis should be written in English or in Swedish if this is relevant for the subject.
cumulative dissertations and regulations for these	<p>A doctoral thesis in the form of a compilation of papers should be comprised of 3-5 papers. The research student shall be the first author of at least one of the papers, but should preferably be the first author of at least two papers. All papers should be of sufficiently high quality that they can be published in international, peer-reviewed scientific journals. Preferably at least one of the papers is accepted to or published in such a journal. If this is not the case, the thesis shall be subject to a preliminary examination</p> <p>The comprehensive summary of a thesis in the form of a compilation of papers shall place the research student's work in an international scientific context, give a synthesis of the various papers and contain a literature review of the subject. It should also contain a short explanation written by the research student describing his/her own specific contribution to the thesis papers</p>	<p>In addition to the papers included, a compilation thesis must include a summarising chapter, in which the doctoral student places his/her work in an international scientific context with the help of a literature review of the subject and a synthesis of the papers included in the thesis.</p> <p>A compilation thesis must include an abstract written in popular scientific style in English and Swedish.</p> <p>The quality of all papers included in a compilation thesis must be such that they can be published without major reworking in international peer-reviewed scientific journals or are of similarly good quality recognised within the discipline.</p>

		<p>The following minimum requirements must be met by a compilation thesis for a degree of Doctor.</p> <ol style="list-style-type: none"> <li>1. The thesis must include at least three papers.</li> <li>2. The doctoral student must be the corresponding author or equivalent of at least two of the papers.</li> <li>3. At least one of the papers must have been accepted for publication or have been published in an international scientific journal.</li> </ol> <p>The following minimum requirements must be met by a compilation thesis for a degree of Licentiate.</p> <ol style="list-style-type: none"> <li>1. The thesis must include at least one paper.</li> <li>2. The doctoral student must be the corresponding author or equivalent of at least one of the papers.</li> </ol> <p>The faculty board may stipulate further requirements for a pass grade in the general syllabus for the subject.</p> <p>The principal supervisor is responsible for determining whether the doctoral student has achieved the degree outcomes; see chapter 5.4, and for ensuring that the thesis is of good quality recognised within the discipline. Upon application (see chapter 8.2) the faculty board decides whether the thesis can be defended at a licentiate</p>
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		<p>seminar or public defence of a doctoral thesis, respectively.</p> <p>Where the principal supervisor decides that the thesis and doctoral student are ready for a licentiate seminar or defence of a doctoral thesis, even though the formal requirements have not been met, he/she must apply to the faculty board for an external pre-examination. The application must explain why the requirements need not be met.</p>
PhD grading (internal / external evaluators?)	A doctoral dissertation is to be assessed with one of the grades 'fail' or 'pass',	A doctoral dissertation is to be assessed with one of the grades 'fail' or 'pass',
PhD defence (examiners: how many? Internal? External? Opponent?)	<p>Doctoral dissertation must have been defended orally at a public defence. Faculty Board appoints a chairperson for the thesis defence, an opponent, and a grading committee, including a reserve member. The grading committee shall consist of three or five members. The principal supervisor or assistant supervisors may not be part of the grading committee or be chairperson at the defence. Both genders shall be represented as ordinary members of the grading committee.</p> <p>The opponent shall be a Doctorate holder. The chairperson of the public defence shall be an associate professor or a professor at SLU. The members of the grading committee shall have a scientific competence equivalent to that of an associate professor. Members of the grading committee that are affiliated with a Swedish university shall be associate professors or professors. At least one member of the grading committee shall be associate</p>	<p>Examination is carried out by an independent examining committee in conjunction with the public defence of the doctoral thesis for the degree of Doctor or licentiate seminar for the degree of Licentiate.</p> <p>The examining committee is composed of three or five members and is decided by the faculty board. If the examining committee has three members, a reserve member must be appointed. The persons proposed must have accepted the engagement and signed a conflict of interest declaration before they are proposed to the faculty board. The principal supervisor and assistant</p>

	professor or professor.	<p>supervisor may not be members or chair of the examining committee. Both sexes must be represented as full members of the examining committee. The faculty board may grant exemption if there are particular reasons for so doing.</p> <p>The opponent must have a PhD and the chair must be employed at SLU. Examining committee members must have PhDs, and the majority of them must have been admitted as docent or possess scientific competence considered by the faculty board to be equivalent to that required to be admitted as a docent in the relevant subject. The examining committee present at the defence of the thesis must have at least one member who does not work at SLU and who is employed at a university other than SLU. A member may be employed at the same faculty but not in the same department as the doctoral student. A reserve member is appointed if the examining committee is to be composed of three members, and may be employed at the same department as the doctoral student.</p>
Teaching activities	no	no
Joint PhD	<p>European Graduate School in Animal Breeding and Genetics (<a href="#">EGS-ABG</a>)</p> <p>Forest and Nature for Society (<a href="#">FONASO</a>)</p>	<p>European Graduate School in Animal Breeding and Genetics (<a href="#">EGS-ABG</a>)</p> <p>Forest and Nature for Society (<a href="#">FONASO</a>)</p>

Activities with relation to funding programmes	ERASMUS Mundus	ERASMUS Mundus
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CULS	
Doctorate regulations	Overview at <a href="http://www.czu.cz/en/?r=920">http://www.czu.cz/en/?r=920</a> <a href="#">PhD Study and Examination rules</a>
Admission requirements	The requirements and calls for admission in a Doctoral study programme are made public, on a specific date, generally once a year. Admission is conditional to the passing of an admission examination. The admission examination consists of an oral presentation/discussion, which should document, on the basis of previous creative work of the applicant (i.e. MSc diploma thesis, publications), the capacity of the applicant to conduct independent scientific research work and his/her command of relevant knowledge in the area. During admission examination the applicant proves his/her knowledge of at least two world languages (out of which at least one is known actively).
Degree	The academic degree awarded is PhD, indicated after the name of the postgraduate
Duration	Official duration 3 years; maximum 5 years
PhD schools	A total of 18 PhD accredited study programmes (33 subject areas or PhD majors) are organised at all CULS Faculties and the Institute of Tropics and Subtropics
PhD study courses	As part of the study plan the student attends the prescribed extent of: a) Courses which enhance and deepen his/her knowledge of the broader scientific area beyond the MSc Study programme (compulsory courses), b) Courses which enhance his/her specialisation within the framework of the studied PhD study programmes (optional courses),
ECTS	Not yet implemented
Supervision	Study supervisor Consultant in case the topic of a dissertation thesis requires specific guidance or professional consultations, which the study supervisor himself cannot provide
Thesis	The dissertation thesis must contain original findings which should have been published in a quoted scientific journal or accepted for publication and should have the following structure: a) an overview of the present state of affairs within the scope of the dissertation subject and scientific literature which deals with the subjects under research, b) aim(s) of dissertation thesis, c) chosen methods for elaboration, d) results of dissertation thesis including new findings,

	<p>e) conclusion and recommendations for using results for practical purposes or for the further development of a scientific discipline,</p> <p>f) listing of scientific literatures.</p> <p>Detailed requirements for the publishing of results and the form of the dissertation thesis including language are determined by the subject council.</p>
cumulative dissertations and regulations for these	A compilation of published papers (articles) cannot be defended as (or instead of) a PhD Thesis
PhD grading (internal / external evaluators?)	<p>Dissertation thesis is evaluated by three opponents of which two are not employees of CUA and one must be a Professor</p> <p>Grading:</p> <p>PhD State Exams are assessed only as: passed/failed</p> <p>The defence of the PhD Thesis is assessed only as: defended successfully/failed to defend successfully</p> <p>There is no grading system for PhD exams.</p>
Examination	<p>During studies in the PhD Study programme the student completes:</p> <p>(a) examinations in a foreign language, in cases that its knowledge has been assessed as not sufficient during the admission examination</p> <p>(b) examinations in compulsory subjects</p> <p>(c) examinations in optional subjects</p> <p>(d) State PhD Examination (commissioned and oral) (SDE)</p> <p>consists of two study areas:</p> <ul style="list-style-type: none"> <li>• general, comprising scientific topics of the study programme, eventually of the study area,</li> <li>• specialised, connected to the theme of the dissertation thesis</li> </ul> <p>Examination commission has at least five members (one member no employee of CUA)</p>
PhD defence (examiners: how many? Internal? External? Opponent?)	<p>Defence of the dissertation in front of a dissertation thesis with at least seven members (at least three members are not employees of CUA and two must be members of the subject council)</p> <p>chairman, member of subject council, opponents and other specialists</p> <p>The study supervisor takes part at the SDE and the dissertation thesis defence, however without having voting rights</p>
Teaching activities	<p>4 hours a week during four semesters</p> <p>(may exceed six hours per week if the student agrees)</p>
Joint PhD	No
Activities with relation to funding programmes	?

WUR	
Doctorate regulations	<p>Overview at:</p> <p><a href="http://www.wageningenur.nl/en/Education-Programmes/PhD-Programme.htm">http://www.wageningenur.nl/en/Education-Programmes/PhD-Programme.htm</a></p> <p>and: <a href="http://www.wageningenur.nl/upload_mm/0/1/d/9233b156-d472-4689-92be-5b79419e34aa_PhDGuide2012.pdf">http://www.wageningenur.nl/upload_mm/0/1/d/9233b156-d472-4689-92be-5b79419e34aa_PhDGuide2012.pdf</a></p> <p>Regulations at:</p> <p><a href="http://www.wageningenur.nl/en/Education-Programmes/PhD-Programme/Regulations.htm">http://www.wageningenur.nl/en/Education-Programmes/PhD-Programme/Regulations.htm</a></p>
Admission	<p>The candidate will be formally admitted to the PhD programme after the following requirements are met.</p> <ol style="list-style-type: none"> <li>1. Proficiency in the English language. In their applications, applicants from non-Anglophone countries must include a certificate of proficiency in English issued by an internationally recognised language institute such as TOEFL or IELTS.</li> </ol> <p>Please note that the test results must not be older than 24 months.</p> <ol style="list-style-type: none"> <li>2. University fees have been paid (only relevant for certain categories of PhD candidates)</li> <li>3. The Research Proposal has been approved by the relevant Graduate School.</li> <li>4. The Training and Supervision Plan (TSP) has been approved by the relevant Graduate School.</li> <li>5. Evaluation of a PhD candidate's diploma('s) and academic records:</li> </ol> <p>Graduates holding an MSc degree from Wageningen University or another Dutch university can be admitted directly to the Wageningen University PhD programme, if the above criteria are met. Graduates from universities abroad must undergo a Diploma Evaluation. The Academic Board decides whether or not a degree from a foreign university is sufficient to exempt a candidate from having to pass a Qualifying Examination.</p>



Degree	Dr.
Duration	4 years
PhD schools	<p>The PhD programme is coordinated by six Graduate Schools of Wageningen University. Each graduate school has a mission and research themes. The research groups of Wageningen University participate in one or more graduate schools. Researchers at other universities and research institutes can also be affiliated with a graduate school.</p> <p>The graduate schools have three main tasks:</p> <ul style="list-style-type: none"> <li>• To stimulate and coordinate the development of a coherent university research programme within the mission of the graduate school</li> <li>• To safeguard, monitor and stimulate the quality and progress of academic research (PhD candidates, postdocs and staff)</li> <li>• To coordinate, develop and facilitate postgraduate education</li> </ul> <p>Almost all researchers, postdocs and PhD candidates participate in a graduate school. The graduate schools of Wageningen University have been accredited by the Royal Netherlands Academy of Arts and Sciences (KNAW) and are therefore subject to quality control. Academic staff must meet the requirements set by the graduate school to be a member. PhD candidates become a member when their research proposal and Training and Supervision Plan are approved by the graduate school.</p> <p>The Graduate Schools of Wageningen University together constitute 'Wageningen Graduate Schools' (WGS). WGS is led and coordinated by the Dean of Sciences, Prof. J.A.M. van Arendonk. His responsibility is to stimulate scientific quality and cooperation between the graduate schools and to address matters of common interest. The dean is also advisor of the Executive Board.</p> <p>The graduate schools of Wageningen University:</p> <ul style="list-style-type: none"> <li>• Experimental Plant Sciences (EPS)</li> <li>• Production Ecology and Resource Conservation (PE&amp;RC)</li> <li>• Food Technology, Agrobiotechnology, Nutrition and Health Sciences (VLAG)</li> <li>• Wageningen School of Social Sciences (WASS)</li> <li>• Wageningen Institute of Animal Sciences (WIAS)</li> </ul>

	<ul style="list-style-type: none"> <li>Wageningen Institute for Environment and Climate Research (WIMEK)</li> </ul>
PhD study courses	<p>The PhD candidate and his/her supervisor must formulate a Training and Supervision Plan (TSP) in consultation with the graduate school, and submit it to the graduate school for approval within six months.</p> <p>The TSP formalises the education programme of a PhD candidate and contains agreements on training and education activities, optional teaching and supervision. The document must be signed by the candidate, the supervisor(s) and the chair of the graduate school's education committee. The TSP is a plan and PhD candidates may deviate from the original plan in consultation with their supervisor's. The requirements laid down in a TSP may vary between the graduate schools. Additional information can be obtained from the specific graduate school.</p> <p>In general, up to 15% of a PhD candidate's time is spent on training and education activities. PhD candidates employed by Wageningen University can spend up to 10% on teaching duties/activities (i.e. lectures, supervision of practicals, MSc supervision). The remaining time is invested in research.</p>
ECTS	ECTS not used in PhD/Doctoral programme
Supervision	<p>The promotor has the task of supervising the PhD candidate and is responsible for the supervision. He ensures that the thesis satisfies the requirements pursuant to these regulations.</p> <p>The co-promotor aids the promotor with the supervision of the PhD candidate. He determines whether the PhD thesis satisfies the requirements pursuant to these regulations and advises the promotor in this matter.</p> <p>A doctoral thesis supervisor must be a professor, a professor holding an endowed chair or a professor by special appointment at Wageningen University or another accredited university.</p> <p>If the doctoral thesis supervisor to be appointed is not a professor at Wageningen University, the Academic Board also appoints a professor from Wageningen University as thesis supervisor. More than two doctoral thesis supervisors only in exceptional cases.</p>
Thesis	The thesis is intended as proof of the competency of the doctoral student to conduct independent scientific research.

cumulative dissertations and regulations for these	<p>The thesis can be:</p> <ul style="list-style-type: none"> <li>a. a scientific treatment concerning a specific topic; or</li> <li>b. a number of distinct scientific treatments which have already been published (partially or entirely), if they display sufficient coherence with respect to a specific topic; this coherence is to be demonstrated partly by the inclusion of a general introduction and a general discussion which has not been published previously; or</li> <li>c. a technological design, comprised of a drawing created with the help of appropriate theoretical knowledge and methodologies from the relevant field, accompanied by a scientific explanation and documentation.</li> </ul> <p>At least six and no more than eight propositions are added to the thesis. Two of the propositions concern the topic of the thesis or the technological design, two to four propositions concern a different scientific field and two propositions concern a socially relevant topic. Propositions are concisely worded positions taken by the PhD candidate that are formulated in such a way that they can be debated at a scientific level and consist of one sentence.</p>
PhD grading (internal / external evaluators?)	<p>The PhD candidate submits the PhD thesis and the propositions to the promotor for his evaluation. In his evaluation of the PhD thesis and the propositions, the promotor takes the recommendation of the co-promotor into account.</p> <p>After approval of the dissertation by the promotor/co-promotors the dissertation is sent to the Academic Board. The Academic Board, taking account of the approval of the thesis and the propositions by the promotor, decides to appoint a thesis committee. The Academic Board sends the thesis to the thesis committee (opponents) for final approval. After a positive decision of all opponents the thesis is approved by the Academic Board.</p> <p>Special regulations for the designation “cum laude”.</p>
PhD defence (examiners: how many? Internal? External? Opponent?)	<p>The Academic Board appoints a thesis committee for every PhD candidate. The composition of the thesis committee is as follows:</p> <ul style="list-style-type: none"> <li>a. as chairperson, the rector magnificus in his capacity as chairman of the Academic Board, or his replacement;</li> <li>b. the appointed promotors and/or co-promotors, including in any case one promotor who is a professor at Wageningen</li> </ul>

	<p>University;</p> <p>c. four opponents, as further described in Article 6.3, of whom at least one must be a professor at Wageningen University.</p> <p>Defence:</p> <p>The defence of the thesis takes place in public in the presence of the thesis committee. The public defence is chaired by the rector magnificus as chairperson of the Academic Board, or his replacement. The time and place of the public defence are determined by the Academic Board following consultation with the PhD candidate and promotor. The PhD candidate must submit a request for a time and place well in advance.</p>
Teaching activities	up to 10% of their total PhD study
Joint PhD	<p>Agricultural Transformation by Innovation (<a href="#">AgTrain</a>)</p> <p>European Graduate School in Animal Breeding and Genetics (<a href="#">EGS-ABG</a>)</p>
Activities with relation to funding programmes	Erasmus Mundus

<b>WULS-SGGW</b>	
Doctorate regulations	Information and admission requirements in English: <a href="http://www.iro.sggw.pl/category/admission/doctoral-studies/?lang=en">http://www.iro.sggw.pl/category/admission/doctoral-studies/?lang=en</a> Overview in Polish at: <a href="http://www.sggw.pl/nauka/biuro-nauki/studia-doktoranckie/Regulations%20behind%20Admission%20of%20Foreign%20Students%20at%20WULS-SGGW%20English%20language%20requirements">http://www.sggw.pl/nauka/biuro-nauki/studia-doktoranckie/Regulations behind Admission of Foreign Students at WULS-SGGW English language requirements</a>
Admission	To doctoral studies can be admitted foreigners who hold a diploma confirming the completion of second-cycle studies or uniform master studies in Poland or affixed with an apostille certificate or other evidence of completion of second-cycle studies or uniform master studies abroad, in accordance with the provisions on recognition of diplomas obtained abroad or under an international agreement, as equivalent to the relevant Polish diplomas master degree or uniform master degree
Degree	Doktor (PhD) <ul style="list-style-type: none"> <li>– Doctor of Agricultural Sciences</li> <li>– Doctor of Biological Sciences</li> <li>– Doctor of Veterinary Medicine</li> <li>– Doctor of Forest Sciences</li> <li>– Doctor of Technical Sciences</li> <li>– Doctor of Economic Sciences</li> </ul>
Duration	2 - 4 years
PhD schools	Not applicable
PhD study courses	Each faculty offering PhD programme defines the exact curriculum, the subjects are divided into groups: basic, specialist subjects and foreign language course, number of contact hours differs from around 500 to 850 per 4 years of study
ECTS	Total workload covered by doctoral studies programme corresponding to 45 to 60 ECTS points.
Supervision	1 supervisor – with at least the academic degree of <i>doktor habilitowany</i> (doctor habilitated) + possible 1 co-supervisor (in case of international thesis)
Thesis	The PhD thesis must be written in Polish or English (in case of foreign students). Doctoral thesis is reviewed by two scientists one from SGGW and one from another institution. The PhD thesis defence takes place after the 4th year of studies. It is obligatory to have scientific publications during PhD studies.
cumulative dissertations and regulations for these	Regarding obtaining a doctoral degree new Act provides some new important solutions. One of the requirement for the initiation of a doctorate is at least one accepted publication of a national range and in-reviewed report of the international scientific conference. Doctoral degree can be obtained by person who has a master degree, passed doctoral examinations, presented and defended a doctoral thesis and is certified in a modern foreign language, or passed the equivalent exam. The doctoral dissertation should be an "original scientific solution to the problem ... and demonstrate a general knowledge of the

	candidate's discipline ... and the ability to independently conduct scientific work." It can be in form of manuscript, book, thematically coherent set of chapters or articles in scientific journals. It may be part of a collective work, with disclosed the individual contribution of the candidate. One of new things is that "a summary of a doctoral dissertation including reviews should be posted on the web site of university leading particular Ph.D. ..."
PhD grading (internal / external evaluators?)	In the course of doctoral studies, students must obtain a passing grade for all semesters. For doctoral dissertation students get a grade (grading scale 2-5 with 5 the highest score)
Examination	During PhD programme, after determining the topic of the thesis, the student is obliged to pass 3 exams (basic subject, specialist subject and foreign language- or passed the equivalent exam.).
PhD defence (examiners: how many? Internal? External? Opponent?)	The PhD thesis is defended orally in public in Polish or English (in case of foreign students). The defence takes place in the presence of Special Commission or Faculty Board (12- 15 people)
(Teaching activities)	10-90 hours per academic year
Fees	Foreign students undertaking Ph.D. (doctoral) studies are to contribute a fee constituting annually not less than 3000 Euro, depending on the Faculty.
General information	Enrolment to PhD programmes (daily and extramural) takes place at each faculty (interview as the entrance exam), after being accepted the students turn to Science Office which provides administrative service to PhD students Candidates from abroad can enrol to PhD programme after contacting the specific faculty Dean, who establishes individual course of studies, the conditions and payment for the studies
Joint PhD	Currently possible in individual cases.
Activities with relation to funding programmes	Erasmus Mundus

<b>UHOH</b>	
Doctorate regulations	All doctorate regulations are available at <a href="https://www.uni-hohenheim.de/promotion-bewerbung#c1735">https://www.uni-hohenheim.de/promotion-bewerbung#c1735</a>
Admission	Applicants must hold an above-average M.Sc. degree or its equivalent (e.g. a German University Diplom) in agricultural sciences or related fields (average grade "good" or better under German grading system). Minimum period of study at a university is 4 years. A master resp. diploma thesis is obligatory. Before registration, applicants are asked to find a professor or a "Privatdozent" at the University of Hohenheim as a supervisor. .

Degree	<ul style="list-style-type: none"> <li>- Doctor of Natural Sciences (Dr. rer. nat.)</li> <li>- Doctor of Agricultural Science (Dr. sc. agr.)</li> <li>- Doctor of Economic Science (Dr. oec.)</li> <li>- Doctor of Social Science (Dr. rer. soc.)</li> </ul>
Duration	3 to 6 years Structured doctoral programme: 3 years
PhD schools	Structured doctoral programme with 9 Promotionkollegs (doctoral schools) at the Faculty of Agricultural Sciences
PhD study courses (PhD Schools)	18 ECTS Module 1 : Methods of scientific working Module 2 : A professional-based specialisation module Module 3 : An elective module with specialisation oriented towards the doctoral topic
ECTS	Not in PhD programmes
Supervision	Supervised by a responsible professor or or a docent with venia legend – students are generally linked to a research project In case of an external doctoral supervisor a professor from UHOH is appointed as co- supervisor Supervision at Doctoral schools by supervisory team (3 professors resp. docents with venia legend)
Thesis	Traditional form or as a collection of scientific publications (cumulative dissertation)
cumulative dissertations and regulations for these	Cumulative Thesis: The candidate needs (at least 3 articles in refereed journals and in relevant literature databases listed journals. At least 1 has to be “accepted with minor revisions”, the other can only be submitted . In at least 2 of the publications the higher percentage of the contribution has to be done by the candidate.  Additionally to be included into the dissertation <ul style="list-style-type: none"> <li>• List of the used publications•</li> <li>• Declaration of all (if possible) coauthors about their part at the publication -at least declaration of the supervisor •</li> <li>• Total list of publications of candidate</li> </ul>
PhD grading (internal / external evaluators?)	Two evaluators (doctoral supervisor and co-evaluator), participation of external evaluators is appreciated Grading 1 = very good; 2 = good; 3 sufficient; 4 = fail
PhD defence (examiners: how many? Internal? External? Opponent?)	The doctoral thesis is evaluated by two examiners. Their assessment is forwarded to all professors, assistant professors or associate professors of the faculty. If there is no objection the candidates have to defend their thesis in an oral examination. The grade is obtained from the average of the grade for the doctoral thesis and the grade for the oral examination (doctoral thesis double rated, oral exam single rated). Final grades: Summa cum laude (mit Auszeichnung) for excellent theses;

	<p>&lt; 1,5 = very good (magna cum laude); &gt; 1,5 ≤ 2,5 = good (cum laude); &gt; 2,5 ≤ 3,0 = sufficient (rite)</p> <p>Doctoral degree is only conferred after publication of the thesis</p> <p><b>Oral exam</b></p> <p>Examination committee: doctoral supervisor, co-evaluator and one further professor or lecturer with venia legendi</p> <p>Dr. sc.agr: Oral examination for candidates accepted before the 1st of April, 2010 Candidate gives an oral presentation not exceeding 15 minutes in which he or she presents the aims, methodology and results of the thesis. This is followed by a discussion of 45 to 105 minutes during which the candidate answers questions related to the dissertation. One repetition of this exam is possible. The oral exam can only be taken after the 2 weeks time for entering objections by the university professors (4 weeks during the semester break).</p> <p>Dr. sc.agr : candidates accepted after the 1st of April 2010:</p> <p>The oral examination (colloquium) has a durance of 90 minutes at its maximum and it is principally open for public. The candidate has the possibility to apply for a non-public oral examination. The appointment needs to be published within the University.</p> <p>The candidate will defend his thesis in an oral presentation within 30 minutes of time where he/she presents theses out of his/her thesis. This will be followed up by a disputation of about 30 minutes against the arguments of the examination committee and a debate of about 15 minutes that will not be evaluated and which is also open for the auditorium. The right to ask questions is restricted to the members of the Faculty of Agricultural Sciences. The debate can be extended to questions that go beyond the topic of the Thesis, as long as the questions are either factually or methodically within the range of the topic of the thesis.</p> <p>Dr. rer.nat: Oral presentation of the thesis within 20-30 minutes followed by a colloquium of 30 – 60 minutes</p> <p>Or</p> <p>Oral presentation of the thesis within 20-30 minutes followed by a “rigorosum” (examination in the subject of the thesis (60 min) and in two further subjects (30 minutes each)</p>
Teaching activities	<p>Depends on the contract</p> <p>Not compulsory but ca. 2h/per week can be required</p>
Joint PhD	<p>Faculty of Agricultural Sciences: A joint PhD can be awarded on application by the PhD student and his/her supervisor</p> <p>The application has to be submitted to the dean of the faculty together with the application for acceptance as a doctoral candidate or not later than 6 months after.. Prerequisite for a joint degree ist a cooperation agreement with the partner institution.</p>
Activities with relation to funding programmes	