

Non-binding translation

Revised version of the Regulations for the PhD-Programme Environmental and Resource Management

of January 16th 2009

Pursuant to § 5 paragraph 1 sentence 2 in connection with § 18 paragraph 2 sentence 1; § 21 paragraph 2 sentence 1, § 29 paragraph 3 of the Law on Higher Education of the Land Brandenburg – Brandenburgisches Hochschulgesetz (BbgHG) of 18 Dec 2008 (GVBl.I/08 No 17, page 313) as amended – the Brandenburg University of Technology in Cottbus sets itself the statutes as follows:

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§ 1 Scope of Validity, Programme

(1) ¹The Faculty Environmental Sciences and Process Engineering at the Brandenburg University of Technology offers the PhD-Programme Environmental and Resource Management (PhD-Programme ERM) as a post-graduate programme. ²The PhD-Programme ERM offers the possibility to German and foreign PhD students to work out their doctoral thesis in the trans-disciplinary and international framework of ERM. ³These regulations stipulate the structure of the studies as well as the basic rights and duties in connection with writing the doctoral thesis and with the PhD examination.

(2) ¹A component part of the structured PhD Programme ERM are accompanying classes in the form of modules. ²The basic working and teaching language is English.

§ 2 Goals of the Programme

The PhD-Programme ERM is supposed to reach the following goals:

- connecting the topic of the doctoral thesis to a superior scientific framework,
- examining also topics related to the student's field of research,
- training of the PhD student regarding a technically founded illustration, discussion and defence of scientific theories and findings,
- raising the PhD student's awareness for general topics of environmental science by a trans-disciplinary and international approach.

§ 3 Duration and Structure of the PhD Programme ERM

(1) The PhD Programme ERM consists of doctorate's studies and possibly additional preparatory studies.

(2) Applicants who might be qualified for the PhD Programme ERM but do not fulfil the conditions for a direct admission to the doctorate's studies may be admitted to the preparatory studies according to § 9, participation provided.

(3) ¹The regular period of the doctorate's studies is six semesters. ²The PhD student is to be given the opportunity to complete a scientific thesis within this period. ³Apart from the actual research activities, the PhD student is obliged to take part in the modules of the PhD Programme ERM. ⁴Scope and content of the doctorate's studies are fixed in § 10.

§ 4 Completion and Graduation

Having successfully completed the PhD Programme ERM, the PhD student is awarded the academic degree "Doctor of Philosophy (Ph.D.) in Environmental Sciences".

§ 5 Application for the PhD Programme ERM

(1) ¹Access to the PhD Programme ERM requires an application. ²The application has to be sent to the Brandenburg University of Technology Cottbus. ³The application papers have to include the following:

1. filled in application form,
2. two passport photos,
3. Curriculum vitae,
4. outline of the doctoral thesis,

5. proof of qualification for higher education (certified copy),
6. certificates and records of university degrees (certified copy),
7. summary of final thesis,
8. two reference letters and
9. proof of good command of English.

⁴Applicants should furthermore include:

10. proof of good command of German and
11. proof of social and/or political engagement.

(2) Furthermore, the following is to be added:

1. a statement whether there is a hindrance for admission according to § 6 paragraph (6),
2. sworn statement or affidavit whether applications for a doctoral thesis have been submitted before and with what result stating the time, the respective university, the faculty and the topic of the doctoral thesis, if applicable.

(3) ¹Admitting the student to the PhD Programme ERM is connected to the matriculation as PhD student. ²A change into the German doctorate's programme at the Faculty for Environmental Sciences and Process Engineering is possible only by application and after confirmation by the Supervisor.

(4) ¹An application for being admitted to the doctorate's studies can be filed at any time and is normally to be decided upon within a period of three months. ²Admission to the preparatory studies is possible for the winter semester as well as the summer semester.

§ 6 Admission Conditions

(1) After applying, a student is admitted to the PhD programme if he or she provides evidence for

1. having completed relevant university studies with a standard duration of at least eight semesters which end with a degree other than "Bachelor",
2. having completed a relevant Master programme as defined by § 17 paragraph 3 sentence 2 BbgHG,
3. having completed relevant university studies with a standard duration of at least eight semesters with a special qualification and having successfully finished the preparatory studies of the PhD Programme ERM afterwards,
4. having completed relevant university studies with a standard duration of at least six semesters with a special qualification, having successfully finished the preparatory studies of the PhD Programme ERM and having done relevant scientific activities or studies, or
5. having completed relevant scientific university studies with a standard period of at least eight semesters including an integrated scientific final thesis outside the area of validity of the German Higher Education Act which is equivalent to the respective German degree

with a grade of at least "good" (2.5).

(2) The PhD committee decides on the criterion of relevance and on exceptions.

(3) ¹Having completed university studies with a special qualification in the sense of paragraph 1 No. 3, 4 means that the overall grade as well as the grade of the final thesis is "very good". ²The relevance of the contents of the preparatory studies for the doctorate according to paragraph 1 No 3, 4 as well as the number and types of proofs for these studies are fixed by the PhD committee for each individual case after hearing the applicant.

(4) ¹The decisive criteria for the equivalence according to paragraph 1 No 4-5 are the Agreements on the Equivalence of Degrees passed by the Ministries of Culture, the Conference of University Presidents as well as other international agreements. ²In case of doubt regarding the equivalence, the Central Office for Foreign Education (Zentralstelle für ausländisches Bildungswesen) can be heard. ³In case relevant agreements do not exist or further accreditation is applied for, the PhD committee decides on the equivalence. ⁴Deviating regulations on the basis of mutual agreements with foreign partner universities remain unaffected.

(5) ¹The PhD committee may accept an applicant not meeting the conditions according to paragraphs 1 to 3 as PhD student provided he or she has shown extraordinary scientific performances and three university teachers of the Faculty apply for his or her admission. ²The extraordinary scientific performance has to be confirmed by references of at least two Assessors who are not members of the BTU.

(6) Applications for the PhD programme have to be rejected from applicants who have failed in a doctorate's procedure more than once, who have been deprived of the doctor's degree due to an attempt at deception or who had to terminate the doctorate's procedure due to an attempt at deception.

(7) Further conditions for admission are the following:

1. a binding statement from a university teacher of the Faculty for Environmental Sciences and Process Engineering involved in the PhD programme regarding the Supervision,
2. proof of sufficient command of English (internet based TOEFL test at least 79 points or equivalent level) as well as
3. positive evaluation in an internal university evaluation procedure.

(8) Admission is only possible as long as the capacity limit of 60 places in the PhD Programme ERM is not exceeded.

(9) ¹If the requirements for acceptance into the PhD programme according to paragraphs 1 to 4 as well as 7 to 8 are met, the application may only be rejected when the Faculty does not have any competence in the topic of the thesis. ²The decision on that is at the discretion of the PhD Committee.

§ 7 Expiration, Termination and Revocation of the Status as Doctoral Candidate

(1) ¹The status of a doctoral candidate expires after finishing the doctorate's procedure, but not later than after 6 years unless an application for extending the period has been filed before the expiry of the period. ²This application is decided upon by the PhD Committee after consultation with the Supervisor.

(2) Should the PhD student fail in their obligation to cooperate or a severe scientific malpractice is detected, the PhD Committee reserves the right to deny the status of Doctoral student following a hearing that includes the PhD student as well as his/her supervisor.

§ 8 PhD Committee

(1) ¹The Dean is supported by the PhD Committee in the implementation of the PhD programme. ²The PhD Committee takes decisions by simple majority. ³The PhD Committee may decide to delegate powers and tasks to its chairman or chairwoman.

(2) ¹The PhD Committee is made up of 5 university teachers of the BTU Cottbus and one scientist with a doctor's degree of the BTU Cottbus as members eligible to vote as well as one representative of the PhD students as advisory member. The members are elected by the Faculty's Council for the

period of two years. ²The PhD Committee elects one of its members to be chair. ³§9 paragraph 3 of the Basic Regulations of the BTU Cottbus (ABl. 16/2005) is applicable here.

(3) The PhD Committee checks the conditions of admission, decides upon admitting an applicant as PhD student, appoints the supervisor, arranges the preparatory studies, decides upon exceptions according to §9, checks the adherence to the stipulations for the modules and forms the overall grade, checks whether all obligations for the admission to the doctorate's procedure are fulfilled, decides upon opening the doctorate's procedure, appoints the Supervisors and appoints the members of the Examination Board in single cases.

(4) ¹Half the members eligible to vote, one of them the chair or his or her deputy, constitute a quorum of the PhD Committee. ²In case of equality in the number of votes, the vote of the chair is decisive.

§ 9 Preparatory Studies

((1) ¹As a rule, the Supervisor proposes and the PhD Committee determines ten modules to be graded with an overall amount of 60 credits from the Master Programmes of the Faculty for Environmental Sciences and Process Engineering for the PhD student under consideration of the gaps in his or her knowledge as well as of the topic of the thesis. ²The modules have to be completed within two semesters. ³Exceptions are decided upon by the PhD Committee.

(2) The General Regulations for Examinations for Master Studies as well as the specific Master Regulations ERM in the valid versions are applicable for holding, repeating, evaluating and grading the examination.

(3) ¹When forming the overall grade of the preparatory studies, the arithmetic mean of all grades weighted with the amounts of credits is formed. ²Only the first decimal point is considered; all other decimals are ignored without rounding. ³The grades for the final grade are the following:

up to 1.5	very good - an excellent performance
over 1,5 up to 2.0	good - a performance well above average requirements
over 2,0 up to 2,5	good - a performance above average requirements
over 2,5 up to 3,5	satisfactory - a performance meeting average requirements
over 3,5 up to 4,0	sufficient - a performance meeting the requirements despite shortcomings
over 4,0	Insufficient/failed - a performance not meeting the requirements due to severe shortcomings

(4) ¹The admission to the doctorate's studies is only if the preparatory studies are completed with an overall grade of at least "2.5". ²Exceptions are decided upon by the PhD Committee.

§ 10 Doctoral Thesis and Doctorate's Studies

(1) Doctorate's studies are composed of writing a doctoral thesis, passing an oral examination and completing the modules according to § 11.

(2) ¹The PhD Student writes a doctoral thesis in English language. ²The oral examination is conducted in English language.

(3) ¹The doctoral thesis is to work at trans-disciplinary and/or internationally oriented topics. ²Stays abroad for research purposes are possible. ³The existing network of partner universities for the international programme ERM can be used for this.

(4) ¹The doctoral thesis is based on own research activities and provides some progress in the level of scientific findings. ²Papers from earlier examinations are not allowed to be used. ³The doctoral thesis may be published before, in parts or completely.

(5) ¹When a PhD student presents a joint research paper as doctoral thesis the individual parts of the paper must be clearly identifiable and sufficient to meet the requirements towards a doctoral thesis. ²Several single papers may be connected to a doctoral thesis in case a scientifically founded illustration of the relation towards research can be provided.

§ 11 Modules Accompanying the Studies

(1) The aims of participating in the modules are:

- guarantying supervision of the PhD student,
- exchanging knowledge with other scientific experts,
- training to integrate the research paper in a trans-disciplinary context.

(2) ¹The following modules have to be completed (see Annex 1):

1. PhD Seminar Scientific Working,
2. PhD Research Seminar,
3. Latest Developments in Environmental Research

²Regular attendance in the modules is required. ³The PhD student has to register for attending the modules at the Students' Secretariat within the first three weeks of a lecture period. ⁴Performance is normally checked by presentations in the seminars and/or by scientific papers. ⁵Evaluation and grading is based on § 12 of the General Regulations for Examination and Studies in the Master Programmes. ⁶All modules have to be completed with a result "sufficient" or better.

(3) The grades gained in the modules are to be reported to the Students' Secretariat.

(4) ¹The PhD Committee forms the overall grade of the modules in a private meeting. ²It is formed by 1/5 from the grade of the module "PhD seminar Scientific Working", 1/5 from the grade of "Latest Developments in Environmental Research" and 3/5 from the grade in "PhD Research Seminar". ³Only the first decimal point is considered; all other decimals are ignored without rounding.

(5) PhD Students may apply for being released from participating in single training sessions for the period of a stay abroad or for significant reasons.

§ 12 Supervision

(1) The PhD student is supported by a Supervisor in the participation in the PhD Programme ERM.

(2) ¹In order to integrate foreign and German participants, activities beyond training sessions are offered. ²Foreign participants shall take part in courses of German language.

(3) ¹A change of the Supervisor has to be applied for in writing, enclosing a new draft of the doctoral thesis and the consent to take over supervision. ²The PhD Committee would decide upon the application after hearing the previous Supervisor.

§ 13 Conclusion of the PhD Programme, Doctorate's Procedure

- (1) The PhD Programme ERM ends with concluding the Doctorate's Procedure.
- (2) Admission to the Doctorate's Procedure requires from the PhD student:
 1. successful conclusion of the modules according to § 11 and
 2. having passed the preparatory studies with the grade "good" or better, if participation in these studies was required.
- (3) Conditions for admitting the PhD student to the examination are:
 1. application in due form
 2. no negligent deception regarding the conditions for accepting a PhD student or for admitting him or her to the examination.
- (4) ¹Application for admission has to be sent in writing to the PhD Committee. ²The application has to contain the topic of the doctoral thesis as well as the name of the Supervisor. ³ The written application is to be accompanied by:
 1. CV illustrating life and training stages of the PhD Student,
 2. four bound copies of the doctoral thesis with machine-written text in a form ready for print,
 3. one copy of each possible previous publication of the doctoral thesis,
 4. a sworn statement or affidavit stating that the PhD Student worked out the doctoral thesis by himself/herself and that all used aid is listed in the doctoral thesis,
 5. a statement that publication of the doctoral thesis would not infringe property rights.
- (5) The application may be withdrawn until 10 days before the examination unless the procedure had been terminated by a rejecting decision.

§ 14 Appointment of the Supervisors/Assessors

- (1) ¹For evaluating the doctoral thesis, the PhD Committee appoints at least two Supervisors/Assessors; at least one of them has to be member of the Faculty Environmental Sciences and Process Engineering. ² As Supervisors/Assessors appointed are normally:
 1. University teachers (professor),
 2. Extraordinary professors,
 3. Honorary professors,
 4. Guest professors and
 5. Private lecturers.

³Private lecturers can work as Supervisors/Assessors only when at least two years have elapsed since their lecture qualification.

- (2) One of the Assessors must be the Supervisor.

§ 15 Examination Board

- (1) ¹After admitting the student to the examination, the PhD Committee appoints the Examination Board. ²This board evaluates the performance and decides upon awarding the doctor's degree.

(2) Members of the Examination Board are:

1. the Supervisors/Assessors,
2. a university teacher (professor) as the Chair of the Examination Board,
3. a member of the academic staff with a doctorate as Observer with a consulting vote.

(3)¹ Half the members eligible to vote, one of them the chair or his or her deputy, constitute a quorum of the Examination Board. ² In case of equality in the number of votes, the vote of the chair is decisive.

§ 16 Assessment of the Doctoral Thesis by the Supervisors/Assessors

(1) ¹The Supervisors/Assessors present their evaluation to the PhD Committee according to the grades stated in § 19 paragraph 2. ²The PhD Committee hands over these evaluations to the members of the Examination Board. ³If one Supervisor/Assessor does not present his or her result within the period of three months the PhD Committee is to appoint a different Supervisor/Assessor.

(2) ¹The Supervisors'/Assessors' evaluations as well as the doctoral thesis are presented in the dean's office for being inspected by the persons of the Faculty stated in § 14 paragraph 1 No 1 to 5. ²This is to be announced by round mail. ³The period of presentation is two weeks during the lecture period or six weeks during lecture free periods. ⁴Objections against the Supervisors'/Assessors' opinions or the doctoral thesis are to be submitted in writing or by electronic mail not later than 2 working days after the expiry of the presentation period. ⁵The objection is to be sent to the PhD Committee which then presents it to the Examination Board for a statement. ⁶ Persons raising objections are to be considered to be persons involved.

(3) ¹Each Supervisor/Assessor can make a positive evaluation of the doctoral thesis conditional upon the PhD student's readiness to consider objections by improvements or amendments of the doctoral thesis. ²For this purpose, and if mutually agreed upon by the Supervisor/Assessor and the PhD student, the doctoral thesis can be returned to the PhD student for revision. ³As soon as the revised doctoral thesis is presented, the period according to paragraph 1 starts again. ⁴The original evaluation has to be valid in case the PhD student denies a revision or does not meet the deadline for the revision stipulated by the Chair of the PhD Committee.

§ 17 Acceptance and Rejection of the Doctoral Thesis

(1) ¹The doctoral thesis is rejected by the Examination Board as insufficient for a doctorate if two or more Supervisors/Assessors evaluate it as "insufficient". ²The same applies if one opinion evaluates the doctoral thesis as "insufficient" and not even one Supervisors'/Assessor's opinion evaluates it better than "sufficient". ³In the case mentioned last the Ph D Committee may appoint an additional Supervisor/Assessor.

(2) The Examination Board rejects a doctoral thesis as performance for a doctorate when the PhD student is guilty of an attempt at deception.

(3) When the Examination Board rejects a doctoral thesis as performance for a doctorate, the doctoral procedure is finished.

(4) When a doctoral thesis is rejected as performance for a doctorate, the PhD Student can once again apply for a doctoral procedure with a new topic of a doctoral thesis at the Faculty Environmental Sciences and Process Engineering.

(5) In all other cases the Examination Board accepts the paper.

§ 18 Oral Examination

(1) ¹After accepting the paper, the Examination Board fixes the date of the oral examination. ²The oral examination takes place in public not earlier than one week after the expiry of the presentation period. ³Place and time of the examination are to be announced to the concerned persons by round mail. ⁴Additionally, the date of the examination is made public to all members of the Faculty by public notice.

(2) ¹The oral examination requires the presence of at least 2/3 of the members of the Examination Board. ²If one member cannot attend the PhD Committee may appoint a representative. ³At the beginning, the PhD student delivers an introduction into his or her doctoral thesis of 30 minutes. ⁴This is followed by the scientific discussion. ⁵This discussion takes at least 40 minutes. ⁶The Observer takes the minutes of the examination which have to include the names of the members of the Examination Board, the duration of the examination, an outline of the items being discussed, the performance during the examination and the grades. ⁷The discussion is to prove the student's knowledge, the independent and in-depth mastery of the scientific topic of the doctoral thesis as well as the familiarity with the latest research.

(3) ¹If the student fails to appear on the day of the oral examination without stating verified good reasons, the oral examination is considered to be failed. ²A failed oral examination can be repeated once.

§ 19 PhD Examination and Formation of the Final Grade

(1) The PhD Committee informs the Examination Board about the overall grade of the modules.

(2) The members of the Examination Committee having a vote evaluate the performance in the oral examination separately with the grades:
very good (1), good (2), satisfactory (3), sufficient (4), insufficient (5).

(3) ¹After the oral examination the Examination Board forms the overall grade in a private meeting. ²The overall grade is formed by 1/6 from the grade of the modules, by 2/3 from the arithmetic mean of the grades from the written paper, and by 1/6 from the arithmetic mean of the oral examination. ³Only the first decimal point is considered; all other decimals are ignored without rounding.

(4) ¹On the basis of the resulting overall grade, the admissible final grades "magna cum laude" (very good), "cum laude" (good) and "rite" (passed) are awarded as follows:

Overall Grade	Final Grade
1,0 ≤ x < 1,5	magna cum laude
1,5 ≤ x < 2,5	cum laude
2,5 ≤ x ≤ 3,3	rite

²In case of an overall grade of 1.0, the Examination Board may unanimously decide to award the final grade "summa cum laude".

(5) The PhD student can get the doctor's degree only if the written thesis, the oral examination as well as the performance in the modules have separately been evaluated with at least the grade "satisfactory" (3.3).

(6) The Chair of the Examination Board privately informs the PhD student about the result of the examination, the evaluation of the doctoral thesis and of the oral examination as well as about the overall grade of the doctorate.

§ 20 Publication of the Doctoral Thesis

(1) ¹The PhD student is obliged to make the doctoral thesis public for scientists in an appropriate way. ²Publication requires that the doctoral thesis is ready to be printed. ³The Chair of the PhD Committee decides whether this condition is met.

(2) ¹The doctoral thesis has to be published within one year after announcement of the final grade; otherwise all rights acquired by the examinations expire. ²On application by the PhD student, the PhD Committee can extend the period for the publication of the doctoral thesis in special cases.

(3) ¹This obligation for publication is considered to be met when the PhD student hands the required copies of the doctoral thesis over to the Faculty free of costs; the copies must be durably fixed and printed on non-ageing acid-free paper. Additionally the dissemination must be guaranteed by the following:

- a) delivery of further copies, 40 copies in Arts and Social Sciences and 20 copies in Natural Sciences and Engineering, each in book or photo print on non-ageing acid-free paper and durably fixed, to the University Library or
- b) proof for publication in a scientific magazine or in a miscellany and the delivery of two special prints to the University Library or
- c) proof for the dissemination of the doctoral thesis via book trade by a commercial publisher or by publication by a member of the BUT with a circulation of at least 150 copies and delivery of 20 free copies of the printed and bound doctoral thesis to the University Library or
- d) delivery of an electronic version with a format and data medium to be agreed upon with the University Library and of further 5 printed and bound copies to the University Library.

²The candidate declares in a sworn statement or an affidavit that the electronic and the printed versions are identical. ³In case of a), the University undertakes to keep the appropriate amount of copies for exchange for at least 4 years. ⁴In the cases a) and d) the candidate authorizes the BTU to make and disseminate further copies within the legal framework of tasks of a university library. ⁵ All forms of publications have to state that it is a doctoral thesis as well as the place of the doctoral thesis.

(4) ¹The cover sheet has to be produced according to the sample in Annex 2 of the PhD Regulations. ²If the overall grade of the doctoral thesis deviates from a Supervisors'/Assessor's evaluation, this Supervisor/Assessor may claim not having his or her name stated on the cover page.

§ 21 Invalidity of the Doctorate and Revocation of the Doctor's Degree

(1) ¹The PhD Committee can terminate the procedure at any stage or deny to complete the procedure before awarding the doctor's degree when the PhD student proves to have deceived to an essential extend in the procedure or when essential conditions for accepting the student did not exist. ²The doctorate's procedure is suspended during investigations and criminal proceedings or during serving a sentence for a criminal offence which is unworthy of a candidate for a doctor's degree.

(2) ¹The person can be deprived of the doctor's degree later when there are findings that the award of the doctor's degree was against the law, in particular when the degree was achieved by means of deception. ²The deprivation is decided upon by the Faculty's Council with the majority of the university teachers by application of the PhD Committee. ³The doctor's certificate is to be confiscated or made invalid in another way.

(3) All German universities with doctorate's programmes are informed about the invalidity of the performance for the doctorate or the revocation of the doctor's degree by the BTU Cottbus.

§ 22 Certificate and Transcript of Records

(1) ¹A PhD Certificate as well as a Transcript of Records in the PhD Programme signed by the Dean of the Faculty Environmental Sciences and Process Engineering and by the President of the BTU Cottbus is issued stating the successful completion of the doctorate's procedure in German and English language according to Annex 3 and 4. ²The results of the preparatory studies are enclosed in the form of a "Transcript of Records".

(2) With receipt of this PhD Certificate the PhD student is entitled to hold the title "Doctor of Philosophy (Ph.D.) in Environmental Sciences".

§ 23 Special Regulations "Co-Tutelle"

¹For joint doctorate's procedures with other institutions, different regulations may apply which deviate from these PhD regulations and which take the regulations of the partner university into consideration without opposing these PhD Regulations. ²The regulations apply to the specific case and have to be confirmed by the Faculty's Council.

§ 24 Rejecting Decisions

¹Rejecting decisions according to these regulations have to be supported by reasons, completed by legal instructions and announced in writing by the Chair of the PhD Committee. ²An appeal is to be decided upon by the Faculty's Council unless not yet settled by the PhD Committee. ³Filed documents, copies of the doctoral theses as well as the Supervisors'/Assessors' evaluations remain in the files of the Faculty.

§ 25 Final Stipulations, Commencement

(1) ¹These regulations come into force on the day after announcement. ²At the same time the PhD Regulations of 18th November 2002 (ABl. 04/2003) cease to be effective.

(2) ¹PhD students who had been accepted before the commencement of these Regulations may choose to finish their doctorate's procedure according to these new Regulations or according to the Regulation of 18th November 2003 (ABl. 04/2003). ²The decision has to be announced to the PhD Committee and recorded in the files.

(3) ¹PhD students studying according to the PhD Regulations of 18th November 2002 (ABl. 04/2003) are awarded the academic degree "Doctor of Philosophy (Ph.D.) in Environmental Sciences" and are issued a certificate according to Annex 3. ²On application the degree stipulated in the PhD Regulations of 18th November 2002 can be awarded.

Annex 1: Curriculum of the Modules

Module	1. Sem.	2. Sem.	3. Sem.	4. Sem.	5. Sem.	6. Sem.	Σ hpw	Credit- points
PhD Seminar Scientific Working	2	2					4	6
PhD Research Seminar	2	2	2	2	2	2	12	18
Latest Developments in Environmental Research	4						4	6
Total							20	30

Annex 2: Template of the Cover Sheets for the Doctoral Thesis

Cover sheet for the copy of the doctoral thesis to be submitted together with the application for a doctorate

- DIN A 4 -

_____ *Title of the PhD thesis* _____

A thesis submitted to the Faculty of Environmental Sciences and Process Engineering at the Brandenburg University of Technology in Cottbus in partial fulfilment of the requirement for the award of the academic degree of Doctor of Philosophy (Ph.D.) in Environmental Sciences.

by
Master of Science
(or other achieved academic degree)

.....
(First and family name, if applicable birth name)

from
(Place of birth, including town, region and country)

Cover sheet for the compulsory copies to be delivered after having passed the doctoral examinations

- DIN A 4 -

_____ *Title of the PhD thesis* _____

A thesis approved by the Faculty of Environmental Sciences and Process Engineering at the Brandenburg University of Technology in Cottbus in partial fulfilment of the requirement for the award of the academic degree of Doctor of Philosophy (Ph.D.) in Environmental Sciences.

by
Master of Science
(or other achieved academic degree)

.....
(First and family name, if applicable birth name)

from.....
(Place of birth, including town, region and country)

Supervisor: _____
Supervisor: _____
Day of the oral examination: _____

Annex 3: Sample of Certificate PhD ERM

Die The

Brandenburgische Technische Universität Cottbus

vertreten durch	represented through
die Fakultät für Umweltwissenschaften und Verfahrenstechnik	the faculty of Environmental Sciences and Process Engineering
verleiht	awards

„Anrede Vorname Name“

Geboren am / Born on tt.mm.jjjj in „Stadt“

nach Nachweis der wissenschaftlichen Befähigung im PhD-Programm	after proving the scientific qualification in the PhD-Programme
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Environmental and Resource Management

durch die Dissertation	with the doctoral thesis
„Titel der Dissertation“	

sowie die mündliche Prüfung am tt.mm.jjjj	and the oral exam at the tt.mm.jjjj
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den akademischen Grad	the degree of
-----------------------	---------------

Doctor of Philosophy (Ph.D.) in Environmental Sciences

mit dem Prädikat	with the final grade
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„Prädikat“

Cottbus, tt.mm.jjjj

Der Präsident / The President

Der Dekan / The Dean

Annex 4: Sample of Transcript of Records PhD ERM

Brandenburgische Technische Universität Cottbus

Transcript of Records in the PhD-Programme
Zeugnis über die erbrachten Prüfungsleistungen im PhD-Programm

Environmental and Resource Management

Awarded academic degree / Verliehener akademischer Grad:

Ph.D. in Environmental Sciences

Surname: Musterfrau First name: Anna
Nachname: Vorname:
Date of birth: tt.mm.jjjj Place of birth: Cottbus
Geburtsdatum: Geburtsort:

Regular duration: 6 semesters / 6 Semester (3 years / 3 Jahre)
Regelstudienzeit:
Credits: 180
Kreditpunkte:
Teaching language: English / Englisch
Lehrsprache:

Modules / Module:

Module title Modultitel	ECTS-Credits ECTS-Kreditpunkte	Grade Note
Average grade of the Modules Durchschnittsnote der Module	30	
- PhD Seminar Scientific Working - PhD Seminar Wissenschaftliches Arbeiten	6	
- PhD Research Seminar - PhD Forschungsseminar	18	
- Latest Developments in Environmental Research - Aktuelle Entwicklungen in der Umweltforschung	6	

Doctoral thesis and oral examination / Dissertation und mündliche Prüfung:

Module title Modultitel	ECTS-Credits ECTS-Kreditpunkte	Grade Note
Doctoral thesis Dissertation	120	
Oral examination Mündliche Prüfung	30	

Title of the doctoral thesis / Titel der Dissertation

“Titel”

“Titel”

“Titel”

First supervisor:

Professor „Name“

Second supervisor:

Professor „Name“

Erstgutachter:

Zweitgutachter:

Final grade:

„1,0“

Honours:

„magna cum laude“

Gesamtnote:

Prädikat:

Cottbus, tt.mm.jjjj

Dean / Dekan

Evaluation of performance verifications / Bewertung der Prüfungsleistungen:

Grades / Einzelnoten	Rating / Urteil	Rating according ECTS / Urteil nach ECTS	
1,0/1,3	very good / sehr gut	ECTS-Grade A – excellent	best 10 % / die besten 10 %
1,7/2,0	good / gut	ECTS-Grade B – very good	next 25 % / die nächsten 25 %
2,3	good / gut	ECTS-Grade C – good	next 30 % / die nächsten 30 %
2,7/3,0/3,3	satisfactory / befriedigend	ECTS-Grade D – satisfactory	next 25 % / die nächsten 25 %
3,7/4,0	sufficient / ausreichend	ECTS-Grade E – sufficient	die nächsten 10 % next 10 % /

The final grade is formed by the mean of all grades achieved in modules completed with an examination, weighted with the amount of credits.
Die Gesamtnote errechnet sich aus dem mit den Kreditpunkten gewichteten Mittel aller Noten der mit Prüfung abgeschlossenen Module. /

Execution is based on the decision of the Faculty Council of the Faculty Environmental Sciences and Process Engineering of 2nd July 2008, the statement of the Senate of 6th November 2008, the approval by the President of the Brandenburg University of Technology in Cottbus of 16th January 2009 as well as the notice to the Ministry of Science, Research and Culture of the Land Brandenburg in the letter dated 16th January 2009.

Cottbus, 16th January 2009

Walther Ch. Zimmerli
Prof. Dr. habil. DPhil. h.c. (University of Stellenbosch)

President