

Official Notifications of TU Dortmund University

Faculty of Spatial Planning

No. 21/2013 Dortmund 08/08/2013

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Official Section: Office of the Dean

PhD Regulations of the Faculty of Spatial Planning ofPage 1-13TU Dortmund University of 6th August 2013Page 1-13

Both a German and an English version of the PhD Regulations of the Faculty of Spatial Planning is provided. The English version is a translation of the German version. In cases of doubt, the German wording is authoritative.

the rector of TU Dortmund University, 4421 Dortmund

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## PhD Regulations of the Faculty of Spatial Planning of TU Dortmund University of 6<sup>th</sup> August 2013

TU Dortmund University has issued the following regulation based on § 2 paragraph 4 in connection with § 67 paragraph 3 of the law for universities of the region North Rhine-Westphalia (Higher Education Act) of 31<sup>st</sup> October 2006 (GV. NRW. Page 474), last changed through the law of 28<sup>th</sup> May 2013 (GV. NRW. Page 272):

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#### § 1 Right to award PhD

- (1) The TU Dortmund University has the right to award PhDs.
- (2) On the basis of a PhD in the subject of spatial planning it awards the doctorate in engineering or Doctor rerum politicarum (Dr. rer. Pol.) in accordance with this PhD regulation. The faculty of spatial planning is responsible for carrying out the PhD procedures.
- (3) The doctorate in engineering is awarded for a PhD mainly aligned to engineering, the doctor rerum politricarum for a PhD mainly aligned to economics or social studies.
- (4) TU Dortmund University can award the honorary doctorate in engineering, of a Doctor rerum politicarum honoris causa on request of the faculty of spatial planning.

#### § 2 Purpose of the PhD

A special aptitude for independent scientific work going beyond the general study objective is proven by the PhD. The aptitude is determined on the basis of a dissertation, which advances the state of scientific knowledge, and an oral examination (disputation) as well as a successful absolving of a structured PhD programme on specification of the faculty.

#### § 3 PhD Committee

- (1) A PhD committee is set up to carry out the promotion and execution of the tasks allocated by this PhD regulation.
- (2) The PhD committee consists of five members, of which three members are from the group of university teachers in accordance with § 11 paragraph 1 no. 1 HG, one member from the group of academic employees in accordance with § 11 paragraph 1 no. 2 HG and a member from the group of students in accordance with § 11 paragraph 1 no. 4 HG; if possible the student member should belong to the group of PhD students. The chairperson must belong to the group of university teachers. The members of the PhD committee will be selected separately according to groups on the recommendation of the respective group from the faculty council. Re-election is permitted. The term of the committee members amounts to 2 years, 1 year for the student member. A representative is selected for each group. The composition of the PhD committee should be announced.
- (3) In particular the PhD committee has the following tasks:
  - Determining the requirements for the PhD in accordance with § 4 and the decision for admission to the PhD programme in accordance with § 8,
  - Initiating the PhD procedure and determining the reviewers in accordance with § 12,
  - Assigning the examining board in accordance with § 13,
  - Determining deadlines and dates,
  - Decision about special cases in the PhD procedures,
  - Decision about objections,

- Decision about the doctoral degree to be awarded
- Determining the content and scope of the structured PhD programme.
- (4) The PhD committee ensures that the provisions of the PhD regulations are observed. It regularly reports to the faculty council about the development of the PhD procedures and if necessary makes suggestions for changing the PhD regulation and improving the PhD procedures.
- (5) The PhD committee can transfer the handling of ongoing transactions to the chairperson. As a committee, the PhD committee makes decisions about negative decisions and objections .
- (6) The members of the PhD committee are committed to secrecy. Insofar as they do not hold public office, they are obliged to do so by the chairperson.
- (7) The sessions of the PhD committee are not public. The PhD committee is quorate if more than half of the members entitled to a vote are present. The PhD committee decides with a simple majority. The vote of the chairperson decides in the event of a tie vote. In case ofdecisions which concern examination results, only the members from the group of university teachers as well as graduate scientific employees have voting rights.

#### § 4 Requirement for admission to the PhD programme

- (1) Whoever proves
  - a) a relevant master's degree with 300 credits and a grade of at least 2.5 or
  - b) a degree in accordance with a relevant university course with a regular study time of at least 8 semesters, for which a grade other than bachelor's is given and a grade of at least 2.5 or
  - c) a degree in accordance with a relevant master's with less than 300 credits and a grade of at least 2.3 or
  - d) a relevant university course of at least 6 semesters (with the grade 1.5) or
  - e) a degree in accordance with a relevant university course of at least 8 semesters with a grade of at least 2.0
    - is admitted to a PhD programme.
- (2) The approval in accordance with paragraph 1 lit. c) to e) is only made in connection with proof of participating in a course to prepare for the PhD in accordance with § 9 paragraph 3. In addition candidates with a bachelor's degree in accordance with paragraph 1 lit. d) and e) must prove their suitability for promotion.
- (3) In justified exceptional cases the PhD committee can also approve applicants who have not attained the minimum grade required in paragraph 1 lit a) to e).
- (4) In particular a course in spatial planning is relevant in accordance with paragraph 1. A course which reveals a share of 180 credits in a subject with a primary emphasis on questions of spatial planning is also viewed as relevant. In justified exceptional cases the PhD committee

can also approve other applicants. The admission in exceptional cases can be made dependent on evidence of participation in a course to prepare for the PhD in accordance with § 9 paragraph 3.

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(5) Whoever has not acquired their degree within the scope of the German constitutional law, can be approved if the equivalence of the degree in accordance with paragraph 1 is established. The assessment is made by the PhD committee on request of the candidates. The Central Office for Foreign Education should be contacted in cases of doubt.

## § 5 Application for admissionto the PhD procedure

- (1) The applicant directs their application for admissionto the PhD procedure in writing to the chairperson of the PhD committee. The following should be submitted with the application:
  - indication of the doctorate aimed for,
  - the subject of the dissertation
  - an expose, description of the methodological procedure and a work plan,
  - a written confirmation about the readiness to supervise the dissertation of a university student or a qualified member of the faculty,
  - evidence of the admission requirements in accordance with § 4, in particular by presentation of graduation certificates for the university education and presentation of the university entrance qualification,
  - a tabular CV which specifies the scientific and professional career of the applicant,
  - specification of whether the dissertation should be written in the form of a connected text ("book dissertation") or through the publication of at least 3 articles in scientific professional journals ("cumulative dissertation").

The graduation certificate should be presented to the PhD committee no later than 3 weeks after admission.

- (2) The following declarations should be included in the application:
  - whether the applicant has already requested a PhD procedure at TU Dortmund University, or
  - whether he/she is already taking part in such a procedure and has either concluded or terminated this or
  - whether the applicant has already received a PhD admittance at another place and finds themselves in a PhD procedure or
  - whether he/she has terminated or concluded such a procedure.

In the last case it should be specified whether PhD success was attained.

#### § 6 Admittance to the PhD procedure

- (1) The PhD committee assesses the application documents in accordance with § 5 for completeness and fulfilment of the requirement for the PhD in accordance with § 4. The PhD committee can issue requirements to the applicantif the application documents were incomplete. The PhD committee informs the applicant in writing about the admissionor nonadmission as PhD student.
- (2) The application for admission should be rejected,

if the applicant does not fulfil the requirements in accordance with § 4 or has not produced the missing documents by the deadlines set by the PhD committee, if the subject area of the dissertation is not represented by the faculty, or

if a specialist supervision of the dissertation is not assured.

The application for admission can be rejected if an earlier PhD procedure was already terminated or finally ended without success. A rejection decision should be justified and contain information about legal remedy.

(3) If an admissionis made under the requirements in accordance with paragraph 1, this can be rejected, if the requirement was not fulfilled in accordance with the deadline.

#### § 7 Supervision

- (1) After the admissionto the PhD, the PhD committee appoints a university teacher or a qualified member of the spatial planning faculty as supervisor of the dissertation on recommendation of the PhD student. The number of supervisors can be increased to two in agreement with the PhD student. The additional supervisor can belong to another faculty of TU Dortmund University or another domesticor foreign university. The additional supervisor must be a university teacher from a university with the right to award PhDs or a qualified member of a university. By way of exception a PhD suffices if the faculty council has previously determined a special scientific qualification for supervising the PhD through a decision which goes beyond a mere PhD (special scientific ability).
- (2) The supervisor has the task of,
  - discussing a time plan with the PhD student for completing the dissertation and agreeing on a structured PhD programme,
  - being regularly informed by PhD student about the progress of his/her project during the production of the dissertation,
  - giving specialist advice to the PhD student with recurring difficulties,
  - comprehensively commenting in oral and written form on contributions made by the PhD student.
- (3) The PhD student is obliged to regularly report their previous and planned activities to his/her supervisor.

#### § 8 Revoking the admission to the PhD procedure

The PhD committee can revoke the admittance to the PhD no earlier than 7 years after the admissionto the PhD in agreement with the supervisor, if the PhD student does not make the effort to successfully complete the dissertation as well as complete the structured PhD programme to the required and acceptable level. The PhD student should be given a hearing before a decision. In addition the PhD committee can request the PhD student to submit an interim report about the status of his/her dissertation after 5 years, or set the PhD student a deadline in agreement with the supervisor, by which time the dissertation should be submitted.

#### §9 Structured PhD programme and course to prepare for the PhD

(1) The structured PhD programme can be started at any time.

(2) The PhD programme includes a total of 30 credits and is organised into three different areas.

PhD related services	At least 10 CP
Scientific education	At least 7 CP
Interdisciplinary responsibilities	At least 5 CP

The selection and confirmation of services individually rendered within the framework of the structured PhD programme takes place through the supervisor in consultation with the PhD student.

(3) The degree course in preparation for the PhD covers at least 2 semesters or at least 60 credits. The exact content and scope of the degree course in preparation for the PhD is determined by the PhD committee.

#### § 10 Dissertation

- (1) The PhD student must submit an independent dissertation on the scientific fields of the faculty conferring the PhD which advances the state of scientific knowledge. In particular he/she must
  - a) prove a deeper understanding of the current state of research within his subject area,
  - b) present and justify his/her selection of methods and
  - c) present reliable research results for his/her research questions.

The dissertation projects should be selected in such a way that normally no more than three years are required for working on the dissertation. Interdisciplinary dissertation projects are preferable.

- (2) Normally the dissertation should be submitted in German or English. The PhD committee decides on exceptions in agreement with the supervisor.
- (3) The dissertation can be written in the form of a combined text ("Book Dissertation") or through the publication of at least 3 articles in specialist scientific journals, which Peer Review ("cumulative dissertation") publish. In addition these articles must have the following features:
  - a) volume of at least 30,000 characters,
  - b) when the application is made to accept the dissertation in accordance with § 11 at least two
    of the articles must already be published, the third article must be accepted for publication.
    In addition the article submitted must be thematically associated, which is documented by a
    connected text,
  - c) exclusive authorship or corresponding author,
  - d) no substantial overlapping content between the articles submitted.

The points b) and d) should be agreed with the supervisor. Insofar as the PhD student is not the sole author of an article in accordance with c), his/her article must be clearly labelled, definable and assessable. In addition the article must not already have been a component of another dissertation.

#### § 11 Application for acceptance of the dissertation and submitting the dissertation

- (1) The application of the PhD student for acceptance of the dissertation should be made in writing to the PhD committee of the faculty.
- (2) The following should be submitted with the application:

-the dissertation in four bound, typewritten copies and as PDF file or in a platform dependent document format valid at a respective point in time on a suitable data carrier,

- a summary of the dissertation at a volume of no more than 7,000 characters,

- a written affidavit that the dissertation was written independently and all sources and aids used in the dissertation were noted,

- a declaration whether the dissertation has already been submitted to TU Dortmund University or to another university in the current or in another version in connection with a state or academic exam (this also applies to versions in other languages) and

- evidence of the successful absolving of the structured PhD programme.

If the PhD committee appoints an examining board in accordance with § 13 paragraph 1 which has more than three members, the PhD student must submit an additional bound, typewritten copy of his/her dissertation for each additional board member.

- (3) A withdrawal from the PhD procedure should be declared to the PhD committee in writing. It is only permitted,
  - as long as a final rejection of the dissertation hasnot been made or
  - before the start of the oral examination after acceptance of the dissertation.

The examination is considered failed in all other cases of the withdrawal. § 14 paragraph 8 correspondingly applies.

#### § 12 Initiating the PhD procedure and appointing the reviewer

The PhD committee initiates the PhD procedure if a written application to accept the dissertation and the documents submitted with it (§ 11) are submitted in full. The PhD committee appoints two reviewers for the dissertation when initiating the PhD procedure. Suggestions of the PhD student can be considered. At least one of the supervisors of the dissertation must be appointed as reviewer. One of the reviewers must be a member of the faculty as university teacher or qualified member of a university. By way of exception a PhD suffices if the faculty council has previously established the special scientific ability for participating in the PhD procedure.

The examination procedures should be concluded at the latest six months after presentation of the dissertation.

#### § 13 Examining Board

(1) After initiating the PhD procedure the PhD committee appoints an examination board as well as its chairperson. Normally the examination board consists of the chairman and two additional members. The supervisor should be a member of the examination board, but should not take on the chair of this. The chairperson should belong to the spatial planning faculty. External members from domestic and foreign universities can belong to the examination board. The examination board can be expanded if the PhD is supervised jointly with another university. The members of the examination board must be university teachers of a university with the right to award doctorates or a qualified member of a university. A

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PhD suffices, if the PhD committee has established the special scientific ability for participating in the PhD procedure.

- (2) The PhD student can make suggestions for allocating the examination board. The recommendations of the PhD student should be followed if possible when appointing the examiner.
- (3) The tasks of the examination board are:
  - deciding on the acceptance or rejection of the dissertation,
  - marking of the dissertation,
  - carrying out and marking the oral examination,
  - determining the total result,
  - determining the readiness for publication of the dissertation or issuing requirements for the form of the dissertation determined for publication in consideration of the recommendation by the reviewer.
- (4) The examination board makes their decision about the result of the oral examination and the total result immediately after the oral examination. Abstentions are not permitted. The examination board should make their decision amicably. If an agreement cannot be made, they make the decision through majority vote. The examination board is only quorate if all the members are present.

#### § 14 Assessment of the dissertation

- (1) The reviewers normally submit independent, reasoned opinions within 12 weeks to the PhD committee. In their opinions the reviewers apply for the acceptance, reworking or rejection of the dissertation.
- (2) They also suggest a predicate for the dissertation if they apply for the acceptance of the dissertation. The following grades apply:
  - -"with distinction" (summa cum laude),
  - -"Excellent" (magna cum laude),
  - -"good" (cum laude),
  - -"passed/adequate" (rite).
- (3) If the acceptance of the dissertation was unanimously endorsed, it is laid out for inspection in the deanery of the faculty for a duration of two weeks for the members of the TU Dortmund employed in research and teaching. The faculties of TU Dortmund are immediately informed about this in writing. The dissertation is accepted if no objection is made within 3 days of the end of the display period.

- (4) If the reviewers unanimously reject the dissertation, the PhD committee states that the dissertation is rejected. A rejected work remains in the files of the faculty with all opinions. The PhD does not pass with rejection of the dissertation.
- Page 9 (5) If the reviewers unanimously agree to a reworking of the dissertation, the PhD committee sets a reasonable deadline of no more than 6 months on recommendation of the reviewers, within which the work should be resubmitted. If the PhD student allows the deadline to pass without an important reason or if the conditions issued are not met, the dissertation should be rejected. Paragraphs 2 and 3 correspondingly apply.
- (6) If the reviewers do not agree on the acceptance, reworking or rejection of the dissertation, the PhD committee appoints an additional reviewer. The third reviewer tips the scales. The examination board decides in cases of doubt.
- (7) The examination board makes a decision about the additional procedure after obtaining statements of the participating reviewers in the case of a timely justified objection to accepting the dissertation. An additional reviewer must be consulted in cases of doubt. In this case the examination makes a decision about the final acceptance or rejection of the work submitted as a dissertation on the basis of all present opinions and statements.
- (8) The chairperson of the PhD committee informs the PhD student about each decision made. Negative decisions should be justified and provided with information on legal remedy. The PhD student should be given a hearing in accordance with the law.

#### § 15 Oral examination

- (1) After the final acceptance of the dissertation the PhD committee sets a date for the oral examination. The oral examination should take place within 12 weeks of final acceptance of the dissertation. The PhD student and members of the examination board should be invited for an oral examination with a deadline of 2 weeks. In addition, the date of the oral examination is made known in the faculty by an announcement.
- (2) The oral examination takes place in the form of a short presentation about the dissertation in German or English, which should not exceed 30 minutes, and a disputation in German and English. It determines whether the PhD student is in the position of justifying, implementing and placing in the context of her/his subject area the results worked out in the dissertation by him/her on the basis of special scientific knowledge and abilities. The oral examination extends to the objective and methodological problems which are combined with the dissertation.
- (3) The oral examination normally lasts a total of 90 minutes.
- (4) The oral examination is normally an individual examination. The oral examination is conducted by the chairperson of the examination board. Only the members of the examination board are authorised to carry out examinations. The university public has the

right to speak. The essential subjects and results of the oral examination are recorded in a protocol.

(5) The oral examination isopen to internal university members.

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(6) If the PhD student is absent from the oral examination without a sufficient excuse or if he/she interrupts his/her exam, this is considered failed.

#### § 16 Result of the examination

- (1) Immediately following the oral examination and in a private meeting the examination board decides, on the basis of the current opinions and the performance shown in the oral examination, whether
  - the PhD student should graduate,
  - the PhD student must repeat the oral examination, or
  - the PhD is rejected.
- (2) If the examination board decides that the PhD student should graduate, they determine the grade of the oral examination. § 14 paragraph 2 correspondingly applies for denoting the grade.
- (3) Subsequently, the examination board determines the total grade for the PhD. When determining the total grade special emphasis is normally given to the evaluation of the dissertation. § 14 paragraph 2 correspondingly applies for denoting the grade.
- (4) Subsequently, the chairperson of the examination board informs the PhD student about the evaluation of his/her performance as well as any modification requirements for the publications of the dissertation in the presence of the examination board.
- (5) The PhD committee issues a provisional certificate to the PhD student for the result of the dissertation, the oral examination and the PhD. § 14 paragraph 8 correspondingly applies in the case the PhD is rejected.

#### § 17 Repeating the oral examination

- (1) The PhD student can repeat a failed oral examination once within a year. The PhD committee determines the date for repeating the examination in agreement with the examination board.
- (2) If the examination board has finally rejected the PhD after failure to pass the repeat examination, the PhD procedure is finally ended without success. The decision about the final failure to pass should be justified and provided with information on legal remedies. A legal hearing should be first given to the PhD student.

#### § 18 Publishing the dissertation

(1) After successful implementation of the PhD procedure, the PhD student is obliged to provide access to his/her dissertation in an appropriate way to the scientific public through duplication and distribution. The manuscript provided for publication should be submitted to the chairperson of the PhD committee. This person assesses whether the requirements issued by the examination board are fulfilled with the participation of the assessor.

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- (2) The dissertation is then made accessible in an appropriate manner to the scientific public if the writer delivers three copies free of charge to the university library for archiving, apart from the copies required for the examination documents. These copies must be printed on age-resistant wood and acid free paper and permanently bound. On the back of the title page the publication should be identified as dissertation in the spatial planning faculty, TU Dortmund, specifying the dissertation location.
- (3) In addition the distribution should be ensured by
  - evidence of the sale via a book shop through a commercial publisher with the contractually assured guarantee that the dissertation is obtainable at any time through recording in the books deliverable in the directory a and that additional copies can be printed at short notice with a corresponding request or
  - through a commercial publisher with a minimum print run of 150 copies or
  - the delivery of an electronic version prepared in accordance with the university library guidelines. In this case the PhD student transfers the right to the university to produce and distribute additional copies of the dissertation or make it available in data networks within the framework of the legal duties of the university library.
- (4) The dissertation should be published no later than one year after the oral examination. In justified exceptional cases the chairperson of the PhD committee can extend the deadline. If the PhD student misses the deadline set for him/her, all rights acquired through the examination lapse.

#### § 19 Conclusion of the PhD procedure

- (1) As soon as the last PhD degree is granted, a PhD certificate is issued on the day of the successfully concluded oral examination. The PhD certificate should be signed by the dean and the rector. The PhD certificate is issued in German and English on request of the PhD student.
- (2) The right to assume the doctorate arises with the handing over of the PhD certificate.

#### § 20 PhD in joint supervision with a faculty of another university

(1) The doctoral degree can also be granted in collaboration with a faculty of another university with the right to award a PhD from home or abroad. Insofar as the PhD procedure was carried out in cooperation with a university without the right to award a PhD, this can be pointed out in the PhD certificate.

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- (2) The carrying out of a PhD procedure with a faculty of another university requires the conclusion of a written agreement, in which the faculties are obliged to enable a joint PhD and regulate details of the collaboration.
- (3) If the respectively applicable PhD regulations of the participating faculties provide a structured PhD programme in accordance with § 9, the faculties of the universities therefore agree where the PhD student of this programme should graduate, or which parts of the programme of the other university will be respectively recognised.

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#### § 21 Invalidity declaration of the PhD degrees

- (1) If the PhD student deceived in the procedure or an attempt to deception was made, or the essential requirements for the PhD were not fulfilled before handing over the PhD certificate, the faculty council annuls the PhD on request of the PhD committee.
- (2) The PhD student should be granted the opportunity of a legal hearing before the decision of the faculty council. The decision should be justified and provided with information on legal remedies.

#### § 22 Withdrawal of the doctoral degree

- (1) The doctoral degree is denied if it subsequently transpires that it has been acquired through deception or if the essential requirements for the conferment have been mistakenly seen as given.
- (2) The faculty council decides on the denial of the doctorate. The affected party is given the opportunity of a legal hearing before the decision of the faculty council. The decision should be justified and provided with information on legal remedies.

#### § 23 Legal remedy

An objection can be lodged against decisions of the PhD committee and the examination commission in accordance with the regulations of the Administrative Court Procedures Code (German Verwaltungsgerichtsordnung VwGO). The objection should be made to the chairperson of the PhD committee. The PhD committee makes decisions about objections against decisions of the examination board. The faculty council makes decisions on objections against decisions of the PhD committee. The PhD student is given the opportunity to comment before the adverse decision.

#### § 24 Honorary Doctorate

- (1) The doctorate "honorary" (Dr.-Ing./Dr. rer. Pol. H. c./e. h.) may only be awarded for outstanding/ extraordinary performance in the subject spatial planning.
- (2) Members of TU Dortmund cannot be awarded the "honorary" doctorate. Scientists who were members of TU Dortmund a few years ago, should not be awarded the "honorary" doctorate.

(3) The rectorate decides on the awarding of the "honorary" doctorate on recommendation of the faculty council.

#### § 25 Transitional provisions

- (1) The PhD regulation of Dortmund University for the Department of Spatial Planning of 23/01/1984 applies (GABI.NW. No. 3/1984, page 117 ff) for PhD students who have made an application for admission before coming into force of this PhD regulation, in the version applicable at the time of the application, unless they apply for the use of this PhD regulation in writing. The application to use this PhD regulation is irrevocable.
  - (2) Procedures which are not concluded in accordance with the PhD regulation of Dortmund University for the Department of Spatial Planning of 23/01/1984 can be concluded by Page 13

31/12/2016. If the procedure is not concluded by 31/12/2016, the PhD regulation is used for the additional PhD procedure. The admittance as PhD student remains unaffected by this.

#### § 26 Coming into force

This regulation comes into force by 01/04/2013. At the same time the PhD regulation of Dortmund University for the Department of Spatial Planning of 23/01/2014 ceases to be effective. § 25 remains unaffected.

Executed on the basis of the decision of the faculty council of the Faculty of Spatial Planning of TU Dortmund of 24//04/2013.

Dortmund, 6 August 2013

The rector of TU Dortmund

Representing

University Professor Dr Uwe Schwiegelshohn

# tu technische universität dortmund

Official Notifications of the TU Dortmund University

Content:

No. 20/2015 Dortmund, 12/08/2015

#### **Official Part:**

First regulation for changing the PhD regulation of thePage 1 -2Faculty of Spatial Planning of TU Dortmund of 11th August 2015Page 1 -2

Rules of procedure of the faculty for mathematics for awardingPage 3 - 9the designations "Honorary Professor" and "Supernumerary Professor" of10<sup>th</sup> August 2015

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# First regulation to change the PhD regulation of the Faculty of Spatial Planning of TU Dortmund of 11 August 2015

TU Dortmund has issued the following regulation on the basis of § 2 paragraph 4 in connection with § 67 paragraph 3 of the law for universities of the region North Rhine-Westphalia (University Act – HG) of 16<sup>th</sup> September 2014 (GV. NRW. Page 547):

#### Article 1

The PhD regulation of the Faculty of Spatial Planning of TU Dortmund of 06/08/2013 (official notifications no. 21/2013, page 1) is changed as follows:

#### 1. § 9 paragraph 3 is changed as follows:

#### a) Sentence 2 is revised as follows:

"In the case of § 4 paragraph 4 sentence 4 the scope of the studies in preparation for the PhD depends on the knowledge which must be obtained from the applicant in the individual case, in order to offset the lacking applicability of the degree course, in deviation to sentence 1."

#### b) The previous sentence 2 becomes sentence 3.

#### 2. § 10 is changed as follows:

#### a) In paragraph 1 the following sentences 5 to 8 are added:

"All points in the dissertation which are taken from other works in wording and meaning should be identified. Literature and source references should be summarised in a comprehensive bibliography. Parts of the dissertation which were already the subject of a thesis of a successfully passed state or academic examination procedure, should be marked as such. The dissertation can build on the knowledge of such parts, but must then significantly deepen or expand this knowledge."

#### b) Paragraph 3 is reformulated as follows:

"The dissertation can be written in the form of a combined text ("book Dissertation") or through the publication of at least 3 articles in specialist scientific journals, which Peer Review ("cumulative dissertation") publish. The publication of partial results of a book dissertation before submitting the work is allowed if the partial results were compiled for the purpose of preparing the dissertation and the PhD student has already been admitted to the PhD procedure. The articles of cumulative dissertation must have the following features:

a) volume of the part of the PhD student at least 30,000 characters,

b) when the application to accept the dissertation is made in accordance with § 11, at least two of the articles must already be published, the additional article must be published or accepted for

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publication, whereby the publication of an article at the time of the application for acceptance of the dissertation should not be more than five years ago,

- c) the articles must be thematically connected, which is documented by a combined text,
- d) sole authorship or initial authorship (corresponding author),
- e) no substantial overlapping between articles.

The points b), c) and e) should be agreed with the supervisor. Insofar as the PhD student is not the sole author of an article in accordance with d), his/her part must be clearly labelled, definable and assessable. With articles written in collaboration with other authors, parts of the dissertation within the meaning of paragraph 1 sentence 7 and 8 are only parts of the PhD student for these articles; an article must not already be a component of another dissertation."

- 3. The words "or in parts" are included behind the word "Version" in the fourth bullet point in § 11 paragraph 2.
- 4. § 22 paragraph 1 is reformulated as follows:

"The doctoral degree is denied if it subsequently transpires that it has been acquired through deception or if the essential requirements for the conferment have been mistakenly seen as given, in particular as the result of a false declaration given wilfully or negligently by the PhD student."

#### Article 2

- 1. This regulation comes into force the day after publication in the official notifications of TU Dortmund. At the same time the PhD regulation of the Faculty of Spatial Planning is made known again.
- 2. § 10 of the PhD regulation is also used in the version applicable before coming into force of this modification regulation for PhD students who have made an application for admittance to the PhD procedure at the time of of this amendment regulation coming into force; however, a publication of partial results in accordance with the new version of §10 paragraph 3 sentence 2 is allowed for these PhD students as well.

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Executed on the basis of the decision of the faculty council of the Faculty of Spatial Planning of TU Dortmund of 06/05/2015.

Dortmund, 11 August 2015

The rector of TU Dortmund

University Professor Dr Ursula Gather