



Faculty 3 of Technische Universität Braunschweig provides this translation of its „Promotionsordnung der Fakultät Architektur, Bauingenieurwesen und Umweltwissenschaften der Technischen Universität Braunschweig“ as a service. Nevertheless, the only relevant and binding basis for Faculty 3 for awarding a doctoral degree are the original regulations in German.

Doctoral Regulations of the Faculty of Architecture, Civil Engineering and Environmental Sciences of Technische Universität Braunschweig

The Faculty Council and the Dean's Office of the Faculty of Architecture, Civil Engineering and Environmental Sciences at Technische Universität Braunschweig adopted the following doctoral regulations at their meetings on 22 October 2024 and 8 August 2025:

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Preamble

The faculties of Technische Universität Braunschweig are committed to fostering a respectful, supportive and enriching research environment in which doctoral candidates can realise their full potential. The faculties award doctoral degrees in accordance with §9(1) of the Lower Saxony Higher Education Act (Niedersächsisches Hochschulgesetz NHG) and have agreed on the following guidelines, which are set out in the respective regulations.

The faculties are committed to creating an international, interdisciplinary and collaborative research environment that inspires and supports doctoral candidates. The faculties promote collaborative doctoral programmes, both across faculties and internationally.

The faculties are committed to conducting doctoral programmes in a transparent and quality-assured manner, in accordance with the principles of good academic practice, and require all those involved in the doctoral process to adhere to these principles.

The faculties are committed to providing excellent supervision. Through a supervision agreement signed by both parties at the start of the doctoral programme, they ensure a culture of supervision characterised by mutual respect and support. This does not constitute an entitlement to a doctoral degree.

The faculties are committed to the subject-specific and interdisciplinary development of doctoral candidates. Doctoral candidates should be encouraged to take advantage of further education and training opportunities. Doctoral candidates are regarded as researchers at an early stage of their careers. The faculties strive to achieve the best possible balance between family care responsibilities and doctoral research.

§ 1 Awarding an Academic Degree

- (1) The Faculty of Architecture, Civil Engineering and Environmental Sciences at Technische Universität Braunschweig awards the academic degree:
 - Doctor of Engineering (Dr.-Ing.) or
 - Doctor of Natural Sciences (Dr. rer. nat.) or
 - Doctor of Philosophy (Dr. phil.).
- (2) The Faculty of Architecture, Civil Engineering and Environmental Sciences may award the degrees referred to in § 1(1) with the addition 'honoris causa' (h.c.) in special cases. Further details are set out in § 17.

§ 2 Purpose and Types of Doctorates

- (1) The doctoral degree is proof of the ability to carry out independent, in-depth academic work in a subject area of the Faculty of Architecture, Civil Engineering and Environmental Sciences.
- (2) Such proof within the meaning of paragraph 1 is provided by a doctoral thesis in accordance with § 8 and a disputation in accordance with § 9. The doctoral thesis may be produced as a monograph or as a cumulative thesis.
- (3) Persons who have been admitted as doctoral candidates in accordance with § 4 shall enrol as doctoral students at TU Braunschweig in accordance with § 9(2), sentence 4 of the Lower Saxony Higher Education Act (Niedersächsisches Hochschulgesetz NHG).

§ 3 Admission Requirements for Doctorates

- (1) Admission generally requires the successful completion of a Diplom, Magister, Staatsexamen or Master's degree at a higher education institution in the subject area for which the doctoral degree is sought. The subject area of the intended doctoral programme must correspond to a university Master's, Diplom or Magister degree programme in the subjects of architecture, civil engineering, transport engineering, environmental engineering, environmental sciences or industrial engineering/specialising in civil engineering.
- (2) If the doctoral degree is sought in a subject area different from that of the undergraduate degree, knowledge tests in subjects offered by the faculty must be taken in accordance with paragraph 4, as determined by the Doctoral Committee.
- (3) Individuals of outstanding ability who have been awarded a university bachelor's degree with a grade point average of 1.3 or higher may be admitted to doctoral studies on the basis of an aptitude assessment and following knowledge tests in accordance with paragraph 4.
- (4) The scope of the knowledge examinations shall be determined by the Doctoral Committee on the recommendation of the supervisor, taking into account the doctoral candidate's field of study. These examinations may be replaced by academic publications; the Doctoral Committee shall decide on this. The examinations must be conducted by university lecturers appointed to examine students in the faculty's degree programmes. These requirements must be included in the notification of admission as a doctoral candidate pursuant to § 4(6). They must be fulfilled by the opening of the doctoral procedure at the latest.
- (5) Foreign degrees must be recognised. Recognition requires equivalence with domestic degrees. When deciding on the equivalence of foreign degrees, the equivalence agreements approved by the Standing Conference of the Ministers of Education and Cultural Affairs and the German Rectors' Conference, or corresponding statutory provisions, must be taken into account. Decisions on the equivalence of foreign degrees shall be made with the assistance of the Central Office for Foreign Education.

§ 4 Admission Procedure

- (1) The admission procedure begins with an application for admission as a doctoral candidate. The application must be submitted in writing to the faculty.
- (2) Admission as a doctoral candidate signifies the Faculty's fundamental willingness to evaluate a dissertation on the intended topic as an academic work. The academic supervision of the doctoral candidate, based on the Supervision Code (see Appendix 6), by a person authorised under § 5 must be evidenced by a supervision agreement.
- (3) The following must be attached to the application:
 - a. proof of the admission requirements in accordance with § 3,
 - b. a statement of the proposed dissertation topic and the supervision agreement,
 - c. a curriculum vitae detailing the applicant's personal and professional background,
 - d. a statement regarding current or previous applications for doctoral study; where applicable, this must specify when, on what topic and at which faculty/department an application to commence doctoral studies was submitted.
- (4) The faculty generally decides on the application within three months. If the admission requirements are not met, admission as a doctoral candidate must be refused or admission must be subject to the condition that the missing requirements be fulfilled.

- (5) Upon admission as a doctoral candidate, the Doctoral Committee decides which academic degree, in accordance with §1(1), will be awarded upon successful completion of the doctoral programme; upon request, the decision regarding the academic degree may be amended by the Doctoral Committee.
- (6) The decision on admission or rejection as a doctoral candidate must be communicated in writing.
- (7) Admission as a doctoral candidate may be revoked by the Doctoral Committee for valid reasons upon application by the supervisor or the doctoral candidate. The valid reasons must be communicated in writing to the Doctoral Committee and the doctoral candidate. The doctoral candidate must be given the opportunity to comment before a decision is taken.

§ 5 Authorized Supervisors

- (1) The following persons are generally entitled to supervision:
 - a. Members of the faculty's academic staff,
 - b. private lecturers who are not on leave of absence and other members of the faculty who have obtained a habilitation,
 - c. retired professors and professors who have been relieved of their duties in the Faculty of Architecture, Civil Engineering and Environmental Sciences.

In exceptional cases, other members of the faculty with a postdoctoral qualification, honorary professors of the faculty with a proven academic track record, and professors from other faculties or other universities may also be approved as supervisors upon application. The Doctoral Committee decides on these exceptions and any further exceptions (e.g. in the case of achievements equivalent to a postdoctoral qualification).
- (2) Leaders of junior research groups who
 - a. are funded by a research funding body, in particular the DFG's Emmy Noether Programme, the VW Foundation, the ERC or equivalent organisations, or
 - b. who, in the case of alternative funding, have been selected by a commission through a competitive staff selection process,

may be approved as supervisors.
- (3) If the supervisor is no longer a member or affiliate of TU Braunschweig, the Board of Professors may, upon the supervisor's request, approve the continuation of supervision.
- (4) The chairwoman or chairman of the relevant Board of Professors mediates in the event of any disagreements arising during the doctoral process. The ombudspersons at TU Braunschweig are also available as points of contact.

§ 6 Opening of the Doctoral Procedure

- (1) The application to open the doctoral procedure must be submitted in writing to the faculty.
- (2) The application to open the doctoral procedure must be accompanied by:
 - a. proof of fulfilment of any requirements pursuant to § 3(2-5),
 - b. evidence of successful participation in further training measures in accordance with § 6(3),
 - c. a curriculum vitae detailing the applicant's personal and professional background,
 - d. a list of academic publications and academic presentations,
 - e. the dissertation in electronic form,
 - f. a statutory declaration by the doctoral candidate in accordance with Annex 7,

g. a summary of the dissertation of one A4 page in length.

All documents submitted – with the exception of original documents and certificates of which the faculty may take photocopies – become the property of the university.

- (3) A minimum of eight days of further training must be completed. Continuing education days are offered, among others, by the GradTUBS Graduate Academy. It is also possible to have qualifications acquired elsewhere recognised. The supervisor decides on equivalence. The selection of courses to be attended and the arrangement of any stays at external academic institutions or companies are carried out by the doctoral candidate in consultation with the supervisors.
- (4) The decision to initiate the doctoral procedure is taken by the relevant Doctoral Committee in accordance with § 7. The doctoral candidate will receive written notification of the acceptance or rejection of the application.
- (5) The application to commence the doctoral procedure may be withdrawn. Withdrawal is not permitted if an expert opinion has already been submitted to the Dean. A new application may be submitted in accordance with paragraphs 1 to 4.
- (6) As a rule, the monographic dissertation may not be published before the doctoral procedure has been completed. However, as publications during the period of writing the academic thesis are also suitable for promoting the doctoral candidate's academic reputation, parts of the monographic dissertation may be published in advance in consultation with the supervisor and subject to appropriate quality control.

§ 7 Board of Professors and Doctoral Committee

- (1) In accordance with its academic structure, comprising the Department of Architecture and the Department of Civil Engineering and Environmental Sciences, the Faculty has two permanent Boards of Professors, each consisting of members of the academic staff belonging to the respective department. The Chair of the Board of Professors is elected from among its members for a term of two years. Re-election is permitted.
- (2) The relevant Board of Professors of the Faculty is responsible for doctoral procedures. The Board of Professors appoints the examiners and establishes a Doctoral Committee for each doctoral procedure at the outset.
- (3) The Board of Professors has a quorum if invitations to the meeting were duly issued one week prior to the date and at least one-fifth of the members of the Board of Professors are present. It passes resolutions by a simple majority of the votes cast. Resolutions must be recorded in minutes. The Chair is responsible for the minutes.
- (4) Members of the Doctoral Committee may include the persons specified in § 5 as well as relevant members from other higher education institutions. The Dean's Office will inform the doctoral candidate of the names of the members of the Doctoral Committee.
- (5) At least two reviewers, including one member of the Doctoral Committee, must be appointed to assess the submitted dissertation. The other reviewers may belong to other faculties or higher education institutions. In the case of institutes with several departments, the reviewers must not all belong to the same department; in the case of institutes without departments, they must not all belong to the same institute. Exceptions to this rule must be approved by the Doctoral Committee upon application and justification by the supervisor.
- (6) The Board of Professors appoints the members of the Doctoral Committee and its Chair. The committee usually consists of four members and one alternate member. These are the Chair, the reviewers and one examiner. The members of the Doctoral Committee should generally come from

- different institutes or departments. The Board of Professors decides on any exceptions.
- (7) The Doctoral Committee may be expanded by up to three members by decision of the Board of Professors up to the time of the invitation to the disputation.
 - (8) The members of the Doctoral Committee are obliged to maintain confidentiality regarding facts that have come to their knowledge in closed-door meetings, unless a fact is already public knowledge or, by its nature, does not require confidentiality. Confidentiality obligations arising from employment or service relationships remain unaffected.
 - (9) The Doctoral Committee has a quorum if all members or their deputies are present. In exceptional cases (such as illness, accident or similar affecting a member of the Doctoral Committee on the day of the disputation), it also has a quorum if one member is absent, provided the doctoral candidate does not object. It takes decisions by a simple majority. In the event of a tie, the Chair's vote shall be decisive. Abstentions are not permitted. Decisions shall be recorded in minutes. The chair is responsible for the minutes.
 - (10) The chair of the Doctoral Committee shall report to the Dean's Office and the Board of Professors on the status of the doctoral proceedings.
 - (11) The rights of university lecturers to participate in doctoral procedures are, in principle, not affected by their retirement or the cessation of their employment.

§ 8 Dissertation

- (1) Through the dissertation, the doctoral candidate demonstrates the ability to further develop the subject area to which the dissertation relates through independent academic work. The dissertation may take the form of a monograph or a cumulative dissertation.
- (2) A cumulative dissertation consists of several academic publications that have undergone a peer review process: at least two of these publications must have successfully passed the review. These must be intrinsically linked and, taken as a whole, must meet the requirements set out in paragraph 1. The cumulative works must have been produced under a common academic research question. It must be preceded by a detailed introduction that provides a critical assessment of the research topics and key findings from the publications within the context of the academic literature on the subject, as well as an evaluation of the doctoral candidate's own individual contribution and, where applicable, the contribution of the other authors to the respective publications. The doctoral candidate's own academic contribution must be clearly evident.
- (3) The dissertation must generally be written in German or English. Writing it in another language requires the approval of the Board of Professors.
- (4) The examiners shall submit their written reports to the chair of the Doctoral Committee independently of one another and without knowledge of other reports, and shall recommend either the acceptance or rejection of the dissertation. In the event of a recommendation for acceptance, the examiners shall assess the quality of the dissertation with one of the following grades:

with distinction

very good (1)

good (2)

pass (3)

The grades 1, 2 and 3 may be further differentiated by +/- 0.3.

- (5) If the preparation of the reports is delayed, the chair of the Doctoral Committee must inform the chair of the Board of Professors of the reasons for this no later than three months after the opening of the doctoral procedure. An extension of up to two months may be granted. If a report is still not available after this period, the Dean's Office may appoint a new reviewer.
- (6) Upon receipt of the reports, the chair of the Doctoral Committee shall notify the Doctoral Committee members of the recommendation to accept the dissertation, the period during which it will be displayed, and the scheduled date of the disputation. The dissertation and the reports may be inspected by the members of the relevant Board of Professors for a period of at least two weeks. During the lecture free periods, the display period shall be at least three weeks. With the consent of the Board of Professors, the display period may be shortened; the request must be submitted by the chair of the Doctoral Committee. Every member of the Board of Professors has the right to object to the proposed assessments of the dissertation. The objection must be substantiated and submitted in writing to the Faculty; the objection is forwarded to the chair of the Doctoral Committee for consideration by the committee.
- (7) The dissertation is accepted if all reports recommend acceptance and if no objection has been raised in accordance with paragraph 6. The doctoral procedure continues with the disputation.
- (8) If a report recommends that the thesis be rejected, or if an objection has been lodged in accordance with paragraph 6, the Board of Professors shall appoint one or more additional examiners. Paragraphs 4 and 5 shall also apply to the additional reports. Once the new display period has expired, the Doctoral Committee shall decide on the continuation of the procedure, taking into account all reports and objections. The dissertation is rejected if at least one report recommends rejection and if no objection against that has been lodged in accordance with paragraph 6.
- (9) The doctoral procedure is terminated upon rejection of the dissertation. The Faculty shall notify the doctoral candidate of the termination of the doctoral procedure. A copy of the rejected thesis, together with all reports, shall be filed in the Faculty's records.

§ 9 Disputation

- (1) If the dissertation is accepted, the chair of the Doctoral Committee shall schedule the disputation without delay. The doctoral candidate, the Doctoral Committee and all members of the Board of Professors shall be invited to attend. The Doctoral Committee must have a quorum; § 7(9) applies as well.
- (2) The disputation consists of a presentation on the dissertation lasting approximately half an hour, followed by a colloquium of at least 45 minutes in German or English. This academic discussion is intended to demonstrate whether the doctoral candidate has a thorough command of her or his field of research and is familiar with related disciplines as well as with current developments in the field.
- (3) The disputation is chaired by the chair of the Doctoral Committee. It is to be conducted with only one candidate at a time. The right to ask questions is first granted to the members of the Doctoral Committee, followed by all current and former members of the Board of Professors, as well as professors from other universities whose fields are related to the candidate's.
- (4) The disputation takes place publicly accessible to the university community. The chair may grant access to other persons. In the event of disturbances, the chair may exclude the public.
- (5) Immediately after the disputation, the Doctoral Committee shall decide whether the disputation has been passed and, if so, with what grade, in accordance with § 8(4).
- (6) Minutes shall be drawn up regarding the disputation and the overall grade of the doctoral degree

in accordance with § 10(1), and these minutes shall be signed by the members of the Doctoral Committee. The chair of the Doctoral Committee is responsible for the minutes.

- (7) If the candidate is absent from the disputation without valid reason or withdraws from the disputation, the disputation shall be deemed to have failed. In the event of an excusable absence, proof must be provided immediately in a verifiable manner and a new date shall be set. The chair of the Doctoral Committee shall decide on the acceptance of the excuse.
- (8) If the disputation is failed, it may be repeated once, provided a request is submitted to the chair of the Doctoral Committee within one month. In this case, a date for the repeat disputation shall be set by the chair of the Doctoral Committee. The disputation may be repeated no earlier than four weeks after the original date and must take place no later than one year after the original date.
- (9) For doctoral procedures conducted jointly with a foreign higher education institution, special procedures for the disputation may be agreed.
- (10) The doctoral degree is conferred upon successful completion of the disputation.

§ 10 Overall Grade for the Doctoral Degree

- (1) The following internationally recognised grading scale, using whole grades, is used for the overall grade:

summa cum laude	equivalent to: with distinction
magna cum laude	equivalent to: very good
cum laude	equivalent to: good
pass	equivalent to: pass

No gradations are possible here.

- (2) The overall grade is awarded immediately after the successful disputation. In accordance with §10(1), the overall grade is determined on the basis of the assessments of the thesis and the disputation. Greater weight is to be given to the assessments of the thesis. The overall grade 'summa cum laude' may only be awarded if all reports state 'with distinction' and the Doctoral Committee unanimously decides to do so.

§ 11 Completion of the Doctorate and Certificate

- (1) Following the decision of the Doctoral Committee, the Faculty will issue a certificate upon request. This certificate states the title and the overall grade of the doctoral degree. The certificate must state that it does not yet entitle the holder to use the title of Doctor.
- (2) The doctoral degree is conferred upon the presentation of the doctoral certificate. In addition to the degree awarded, this contains the title of the dissertation and the overall assessment of the doctoral degree. The date of the disputation is stated as the date of conferral.
- (3) The doctoral certificate shall only be issued once proof of the publication of the dissertation in accordance with § 12 has been provided. Only upon the issue of the doctoral certificate shall the holder be entitled to use the doctoral title.

§ 12 Publication of the Dissertation

- (1) Within one year of passing the disputation, the doctoral candidate must make the dissertation available to the academic community. The "General Guidelines on the Publication and Deposit of Dissertations" in Appendix 4 apply to the form of publication, the number of printed copies to be

- deposited as a rule, and the specific title page to be used.
- (2) The final version of the dissertation must be submitted for approval to a person designated by the Doctoral Committee as responsible for authorising publication. The faculty must be notified of the authorisation for publication prior to printing.
 - (3) In special cases, the Dean's Office may extend the deadline for the submission of printed copies. The application for this must be made in writing in good time and must state the reasons.

§ 13 Unsuccessful Completion of the Doctoral Procedure

- (1) The doctoral procedure is deemed to have been terminated without success if either the submitted thesis was not recognised as a doctoral thesis or if the disputation was not passed, even after a retake.
- (2) A re-application in the same subject area is permitted only once and not before the expiry of one year. This also applies if the first unsuccessful application took place at another higher education institution. A rejected dissertation may not be resubmitted for the purpose of a doctoral degree, even in an amended form. When reapplying for admission as a doctoral candidate, a previous unsuccessful doctoral procedure must be disclosed. In doing so, the date of the first application, the topic of the rejected thesis and the faculty or department to which the thesis was submitted must be stated.

§ 14 Withdrawal of the Doctoral Degree

- (1) A doctoral degree that has already been awarded may be withdrawn or revoked. The withdrawal of the doctoral degree is governed by the applicable statutory provisions.
- (2) In addition to the cases set out in §49 of the Federal Administrative Procedure Act (Verwaltungsverfahrensgesetz des Bundes), the doctoral degree may also be revoked if the holder has abused the academic standing associated with the degree. The decision on the withdrawal of the doctoral degree and the confiscation of the certificate is taken by the Faculty Council. Depending on the severity of the misconduct, the Faculty Council may, instead of revoking or withdrawing the doctoral degree, decide to lower the grade as a sanction.
- (3) If the requirements for admission as a doctoral candidate pursuant to §48 of the Federal Administrative Procedure Act were not met, without the candidate having been guilty of deception or an attempt at deception, and if this fact only becomes known after the certificate has been issued, this deficiency shall be remedied by the submitted and approved dissertation and the passing of the disputation. Revocation of the doctoral degree shall not be considered in this case.
- (4) In the event of suspected research misconduct, the Dean's Office must inform the Commission for the Safeguarding of Good Research Practice established by the Senate.

§ 15 Reissuance of the Doctoral Certificate

The doctoral certificate may be renewed after 50 years if this is deemed appropriate on the grounds of outstanding academic achievements or a particularly close connection between the individual and the University.

§ 16 Access to the Doctoral File

Upon completion of the doctoral procedure, the candidate shall be granted access to the doctoral file upon request.

§ 17 Honorary Doctorate

- (1) In recognition of outstanding personal independent academic achievements, characterised by
 - a. research work or
 - b. the application of scientific findings to technical or social problems, or
 - c. the creative planning and design of installations or structures, or
 - d. significant contributions that have contributed to the development of the relevant fields,the Faculty may, in the subject areas assigned to it and with the approval of the Senate, confer the honorary degree of Doctor of Engineering (Dr.-Ing. E.h.) or the honorary degree of Doctor of Natural Sciences (Dr. rer. nat. h.c.) or the honorary Doctor of Philosophy (Dr. phil. h.c.) as a rare distinction.
- (2) The application for an honorary doctorate must be submitted by at least three members of the Board of Professors. The application must set out the academic achievements and must include the curriculum vitae and a list of publications of the person to be honoured.
- (3) The application is considered by an Honours Committee appointed by the Board of Professors. It consists of the Dean (chair) and at least three members in accordance with § 5(1). The committee shall draw up a written report on the character and academic achievements of the nominee, together with a recommendation for a decision. In doing so, at least two external academic expert opinions must be consulted.
- (4) The application, the committee's report and the expert opinions shall be made available in accordance with § 8(6) and made accessible to the members of the Faculty Council for confidential inspection.
- (5) The Board of Professors shall decide on the basis of the report of the Honours Committee by secret ballot. A two-thirds majority of the members entitled to vote is required for the acceptance of the proposal for an honorary degree. The Faculty Council shall be informed of the decision.
- (6) If approved, the Faculty shall submit the proposal for an honorary degree, together with all supporting documents, to the President of Technische Universität Braunschweig for approval by the Senate. At the Senate meeting preceding the decision – at least two weeks in advance – the President announces that the application for an honorary degree has been submitted and that the documents will be available for confidential inspection by the members of the Senate in the President's Office until the next Senate meeting. The Senate decides on approval by a simple majority of the members entitled to vote. The voting rights of members of the technical and administrative staff are governed by the Lower Saxony Higher Education Act (Niedersächsisches Hochschulgesetz NHG).
- (7) The Faculty shall issue invitations to the ceremonial honouring and confer the honorary doctorate by presenting a certificate signed by the President.
- (8) The honorary doctorate must be notified to German universities and the Lower Saxony Ministry of Science and Culture.
- (9) Applicants must be informed of any decision to reject the application.
- (10) § 14 applies mutatis mutandis to the revocation of the honorary doctorate. The honorary doctorate may also be revoked if the personal distinction and recognition conferred upon the holder of the

honorary doctorate has subsequently lost its basis and the use of the honorary doctorate would damage the reputation of the Faculty and Technische Universität Braunschweig. This is the case in particular if the holder has seriously violated the dignity conferred by the academic degree, in particular through a criminal offence, or has abused the academic integrity associated with the degree. A criminal offence may only be taken into account in accordance with the provisions of the Federal Central Register Act. The Faculty Council shall decide on the revocation of the honorary doctorate with the approval of the Senate. Resolutions require a two-thirds majority of the members entitled to vote.

§ 18 Cooperative Supervision of Doctorates

- (1) To promote the mobility of young researchers, doctoral programmes may also be conducted jointly with foreign universities, and a joint doctoral degree may be awarded. A prerequisite is that the foreign university possesses the right to award doctoral degrees and that the qualifications and degrees it confers are equivalent to those of German universities.
- (2) Candidates intending to undertake a doctoral programme jointly supervised by the Faculty of Architecture, Civil Engineering and Environmental Sciences and one or more foreign faculties or departments ('cotutelle doctorate') must submit an application in good time to the Deans of the participating Faculties/Departments. In order to approve the application, an agreement must be in place with the foreign university or universities regarding the conduct of the international doctoral programme.
- (3) The agreement must, in particular, set out the procedure and the extent of the participating Faculties' or Departments' rights of participation in the assessment of the candidate's work and the determination of the final grade. It must be ensured that supervisors are selected in accordance with § 5. If, in addition to the doctoral work required under § 2(2), further work is required in accordance with the doctoral regulations of the foreign higher education institutions, the relevant requirements must also be specified. Furthermore, the agreement must state that, on the basis of the candidate's academic achievements, only a single certificate jointly issued by all partner universities may be awarded, in which it must be noted that the doctoral procedure was carried out in cooperation with the foreign partner universities and that the doctoral candidate is entitled to use the doctoral title in either the German or the corresponding foreign form. The names of the participating universities may be added in brackets. The doctoral certificate shall bear the seals of the participating Faculties.
- (4) On the basis of relevant cooperation agreements, doctoral programmes may also be conducted with research institutions outside the higher education institution or with higher education institutions that are not equivalent to a university ('cooperative doctoral programmes'). Notwithstanding § 4(2) or § 5, in such cases an additional supervisor from the research institution or higher education institution may be appointed by the relevant Board of Professors. The qualifications of this person must be verified by the research institution or higher education institution and confirmed by the Board of Professors. The appointed supervisor shall have the same rights as the faculty supervisor during the conduct of the doctoral project. University supervision and the subsequent disputation procedure shall be governed by these regulations.
- (5) With the consent of the faculty, further deviating provisions from § 18(3) may be adopted for individual international doctoral procedures.

§ 19 Entry into Force, Transitional Provisions

- (1) These regulations shall enter into force on the day following their publication in the university gazette. At the same time, the previously applicable doctoral regulations of the Faculty of Architecture, Civil Engineering and Environmental Sciences – published in the university gazette on 7 July 2016 (TU Gazette No. 1108) – shall cease to apply.
- (2) Doctoral procedures initiated under the previously applicable doctoral regulations (TU Gazette No. 1108 of 7 July 2016) shall be completed by 30 September 2028 in accordance with the provisions of the previously applicable doctoral regulations. Upon written or electronic application, these doctoral regulations may be applied. It will not be possible to revert to the previous doctoral regulations thereafter. Notwithstanding the provisions of the previously applicable regulations, the provisions of these regulations regarding the publication of the dissertation and the issuance of the doctoral certificate shall apply. All other doctoral procedures shall be handled in accordance with the provisions of these doctoral regulations.

Appendix 1 – Sample title page of the submitted dissertation

(Title of the dissertation)

At the Faculty of Architecture, Civil Engineering
and Environmental Sciences at
Technische Universität Braunschweig

for obtaining the degree of

Doctor of Engineering (Dr.-Ing.)¹

Doctor of Natural Sciences (Dr. rer. nat.)¹

Doctor of Philosophy (Dr. phil.)¹

submitted

thesis

cumulative ²

by

(First name Surname) ¹

born in (place of birth) ¹

(Year of submission) ¹

¹) Insert as appropriate

²) Insert if applicable

Appendix 2 – Sample title page of the approved dissertation (for publication)

(Title of the dissertation)

From the Faculty of Architecture, Civil Engineering
and Environmental Sciences at
Technische Universität Braunschweig

for obtaining the degree of

Doctor of Engineering (Dr.-Ing.)¹
Doctor of Natural Sciences (Dr. rer. nat.)¹
Doctor of Philosophy (Dr. phil.)¹

approved

thesis

cumulative²

by

(First name Surname)¹

born in (place of birth)¹

Submitted on: xx Month 20xx¹

Disputation on: xx Month 20xx¹

Supervisor: Prof.¹
 Prof.¹

(Year of publication)¹

¹) Insert as appropriate

²) Insert as appropriate

Appendix 3 – Template for the reverse side of the title page

From the Faculty of Architecture, Civil Engineering
and Environmental Sciences of
Technische Universität Braunschweig

for obtaining the degree of
Doctor of Engineering (Dr.-Ing.)¹
Doctor of Natural Sciences (Dr. rer. nat.)¹
Doctor of Philosophy (Dr. phil.)¹

approved dissertation.

Submitted on: xx Month 20xx¹

Disputation on: xx Month 20xx¹

Reviewer: Prof.¹

Prof.¹

¹ Insert as appropriate

Appendix 4 – General Guidelines on the Publication and Deposit of Dissertations

General Guidelines

on the publication and deposit of dissertations in the Faculty of Architecture, Civil Engineering and Environmental Sciences

Approval for Printing

The final version of the dissertation must be submitted for approval to the person designated as responsible for approving the manuscript in the disputation minute prior to printing. This review covers both changes to the content and the final title of the dissertation. Approval for printing must be confirmed in writing and brought to the attention of the Faculty Dean's Office prior to printing.

Title page

As a rule, the special title page in accordance with the template in Appendix 2 must be used for the publication of the dissertation. In the case of publications with their own title page (e.g. a publisher or the institute's series), the special title page may be dispensed with and the details of the dissertation may instead be provided on the reverse of the title page in accordance with the template in Appendix 3.

Publication options / Number of deposit copies

There is an obligation to deposit the dissertation free of charge with the University Library or to publish it electronically in accordance with one of the following options:

- a) If reproduced by the author: 20 bound copies;
- b) If published through a publisher: proof of a minimum print run of 150 copies, to be provided by submitting the relevant extract from the publishing contract to the faculty: 4 bound copies;
- c) If the thesis is published in substantial parts in an academic journal or in the case of a cumulative dissertation: 6 bound copies.
- d) In the case of electronic publication in accordance with the relevant guidelines of the University Library: 2 bound copies.

Proof of publication to the faculty is provided by submitting the University Library's confirmation of receipt of the legal deposit copies.

In addition, further copies of the printed dissertation (for members of the Doctoral Committee and for faculty members who have previously expressed an interest) must be submitted to the Dean's Office; the faculty will specify the number of copies required after the disputation.

Appendix 5 – Sample of the certificate in German and English

PROMOTIONSURKUNDE

Die Fakultät Architektur, Bauingenieurwesen und
Umweltwissenschaften

The Faculty of Architecture, Civil Engineering and
Environmental Sciences

der Technischen Universität Braunschweig

at Technische Universität Braunschweig

verleiht mit dieser Urkunde

hereby confers upon

(name, title)¹

geboren am | born on

(date)¹

in

(place)¹

den akademischen Grad

the academic degree

Doktor-Ingenieurin/Doktor-Ingenieur (Dr.-Ing.)¹

Doctor of Engineering (Dr.-Ing.)¹

Doktorin/Doktor der Naturwissenschaften (Dr. rer. nat.)¹

Doctor of Natural Sciences (Dr. rer. nat.)¹

Doktorin/Doktor der Philosophie (Dr. phil.)¹

Doctor of Philosophy (Dr. phil.)¹

nachdem in ordnungsgemäßigem Promotionsverfahren
durch die Dissertation

after the scientific qualification has been proven in an ordinary
doctoral procedure based on the dissertation

“(Thema/subject)”

sowie durch die Disputation am (Datum)¹
die wissenschaftliche Befähigung erwiesen und dabei
das Gesamtprädikat „(Gesamturteil)“^{1, 2}
erteilt wurde.

as well as by disputation on (date)¹ the scientific
ability has been demonstrated and the final grade
„(final grade)“^{1, 2} was awarded.

Braunschweig, (Datum)¹

Name Präsidentin oder Präsident

Name Dekanin oder Dekan

Die Präsidentin oder der Präsident/The President¹

Die Dekanin oder der Dekan/The Dean¹

¹Zutreffendes einsetzen | insert applicable

²summa cum laude entspricht mit Auszeichnung bestanden; magna cum laude entspricht sehr gut bestanden; cum laude entspricht gut bestanden; rite entspricht bestanden

²summa cum laude corresponds to With merits; magna cum laude corresponds to Very good; cum laude corresponds to Good; rite corresponds to Passed

Appendix 6 – Braunschweig Code of Conduct for Supervision

Preamble

The Supervision Code guarantees doctoral candidates at the Faculty of Architecture, Civil Engineering and Environmental Sciences at TU Braunschweig targeted supervision in the focused preparation of their own academic work.

Supervision Principles

The Supervision Principles form the basis for the Faculty of Architecture, Civil Engineering and Environmental Sciences' approach to the supervision and professional development of doctoral students:

Identifying the topic at an early stage

At the start of the doctoral programme, a doctoral topic – or at the very least a field of study – is agreed upon in the form of an individual supervision agreement. The individual supervision agreement includes a description of the doctoral project and enables doctoral candidates to carry out their own academic work in a focused manner. The individual supervision agreement must, among other things, stipulate that both the doctoral candidate and the supervisor undertake to adhere to the rules of good academic practice.

Regular academic meetings

The supervisor is available to doctoral candidates at least once every three months for detailed discussions on the progress of their work. The supervisor supports the doctoral project through advice and discussion.

Support for further qualifications

The supervisor encourages and supports doctoral candidates in producing peer-reviewed publications in recognised specialist journals and in presenting their doctoral research at recognised academic conferences. He or she provides guidance on the content and, where possible, makes an appropriate budget available. They advise doctoral candidates on participation in the GradTUBS Graduate Academy and facilitate – during working hours – attendance at the workshops, seminars, conferences or similar events offered there for the acquisition of interdisciplinary or subject-specific additional qualifications.

Appendix 7 – Affidavit

Affidavit in accordance with §6(2)(f) of the Doctoral Regulations of the Faculty of Architecture, Civil Engineering and Environmental Sciences at Technische Universität Braunschweig

Name: Date and place of birth: Street: Town:

Title of the dissertation:

I hereby solemnly declare, by my signature,

- (1) that I have written this thesis on the above-mentioned topic entirely on my own, have not copied any sections of text from third parties or from my own examination papers without citing them, and have acknowledged all the resources and sources I have used,
- (2) that no third party has received, either directly or indirectly, any financial benefit from me in return for acting as an intermediary or for work relating to the content of the submitted dissertation,
- (3) that I have not yet submitted the dissertation as a thesis for a state or other academic examination,
- (4) that I have not yet applied for a doctoral degree,
- (5) that I have not submitted the same thesis, a thesis that is substantially similar, or any other thesis to another university as a doctoral thesis,
- (6) that I am familiar with the Faculty's current doctoral regulations and that I am aware of and have observed the principles for ensuring good academic practice at Technische Universität Braunschweig.

[Paragraph (7) need only be used in the case of a dissertation submitted as a monograph:]

- (7) that I have not yet published this thesis, *) / that I have already published parts of this thesis with the permission of the Dean's Office of the Faculty of Architecture, Civil Engineering and Environmental Sciences, represented by my supervisor, dated xx.yy.20zz**), *)
that artificial intelligence was used in this dissertation to * / that artificial intelligence was not used in any way in this dissertation.*)

I agree that the dissertation I have submitted and authored, bearing the above title, may be subjected to an automated plagiarism or AI check using appropriate plagiarism detection software. The check will be carried out in anonymised form only; in other words, my personal details (first name, surname, email address) will not be used in the process.

I solemnly declare that I have provided the above information to the best of my knowledge and belief, that the information is true and accurate, and that I have not withheld any facts. I am aware of the criminal liability for making a false affidavit, namely the penalty under §156 of the Criminal Code (Strafgesetzbuch StGB) of up to three years' imprisonment or a fine for intentional commission of the offence, or under §161(1) of the Criminal Code (StGB) of up to one year's imprisonment or a fine for negligent commission.

(Place, date, signature)

*) Insert as appropriate; **) Insert the date of signature here to approve the advance publications.