A) General provisions

§ 1
Right to award doctoral degrees; scope and application

(1) The right of Technische Universität München (TUM) to award the degree of Doktor is governed by the provisions stated below. The doctoral degree is obtained from schools and colleges or Integrative Research Centers responsible for the conduct of the doctoral program ("degree-awarding institutions") and awarded by Technische Universität München.

(2) Technische Universität München awards the doctoral degree upon resolution of the degree-awarding institution. In cases where this institution is not a school or college, its managing director assumes the tasks and responsibilities assigned to the dean pursuant to these Regulations.

(3) The TUM doctoral candidacy list comprises the individual doctoral candidacy lists compiled by each degree-awarding institution. Each dean or head of the degree-awarding institution is charged with compiling the list for his or her institution. TUM-GS will consolidate the individual lists.

(4) The following degrees may be earned:

1. Doktor-Ingenieur (Dr.-Ing.)
   a. from the school or college of
      - Architecture
      - Civil, Geo and Environmental Engineering
      - Electrical Engineering and Information Technology
      - Mechanical Engineering
   b. from Munich School of Engineering (MSE)
c. in collaboration with one of the schools or colleges stated in clause 1 lit. a, this degree may be earned from the school or college of
- Chemistry
- Informatics
- Center of Life and Food Sciences Weihenstephan

2. *Doktor der Naturwissenschaften (Dr. rer. nat.)*
   a. from the school or college of
      - Mathematics
      - Informatics
      - Physics
      - Chemistry
      - Center of Life and Food Sciences Weihenstephan
   b. in collaboration with one of the schools or colleges stated in clause 2 lit. a, this degree may be earned from the school or college of
      - Civil, Geo and Environmental Engineering
      - Mechanical Engineering
      - Electrical Engineering and Information Technology
      - Medicine
      - TUM School of Education
      - Sport and Health Science
      - Munich School of Engineering (MSE)

3. *Doktor der Wirtschaftswissenschaften (Dr. rer. pol.) and Doktor der Volkswirtschaftslehre (Dr. oec. publ.)*
   a. from the TUM School of Management
   b. from the Munich Center for Technology in Society (MCTS)

4. *Doktor der Philosophie (Dr. phil.)*
   a. from the school or college of
      - Sport and Health Science
      - TUM School of Education
      - TUM School of Management, restricted to the subject areas of Social Sciences
      - Architecture
   b. Munich Center for Technology in Society (MCTS)

5. *Doktor der Medizin (Dr. med.), Doktor der Zahnheilkunde (Dr. med. dent.) and Doktor der Medizinischen Wissenschaft (Dr. med. sci.)*
   from the school or college of Medicine

6. *Doktor der Agranwissenschaften (Dr. agr.) and Doktor der Forstwissenschaft (Dr. rer. silv.)*
   from the Center of Life and Food Sciences Weihenstephan

7. *Doktor der Sozialwissenschaften (Dr. rer. soc.)*
   from the Munich Center for Technology in Society (MCTS)

(5) 1 Responsibility for the doctoral program lies with the school, college or center (degree-awarding institution) where, based on the candidate's field of research or dissertation topic, his/her specialist subject is represented in accordance with § 6 (3) by an authorized examiner of TUM pursuant to § 10. 2 Upon the candidate's request, the institution applied to by the candidate decides whether it is responsible pursuant to subsection (2). 3 If the institution applied to by the candidate declines its responsibility, the dean will dismiss the application, specifying the grounds for the dismissal.

(6) 1 As a rule, collaboration pursuant to subsection (2) involves a school, college or other degree-awarding institution of Technische Universität München. 2 Upon request of the degree-awarding institution's dean, the institution whose collaboration is requested will appoint an examiner pursuant to § 10 (1) at the earliest possible date.

(7) The candidate will be notified of all decisions concerning subsections 5 and 6; any rejection must be substantiated.

§ 2
Requirements for admission to a doctoral program

(1) A doctoral degree may be pursued by candidates who
1. possess the educational requirements pursuant to §§ 3 to 5;
2. have completed the qualification program at TUM Graduate School (§ 7) as required by the respective degree-awarding institution; the minimum requirements for meeting this admission requirement are stipulated in § 8 (2).
3. submit a scholarly project of their own (dissertation), prove their ability to conduct independent scholarly work and give a concise presentation of the results;
4. prove, in an oral examination, thorough knowledge of the disciplines to which the dissertation is dedicated;
5. fulfill the statutory requirements to hold a degree;
6. have not been awarded the desired degree previously;
7. have not irrevocably failed a previous doctoral program
for the same degree or for the same dissertation at TUM
or another university.

(2) Engaging professional dissertation writing or consulting ser-
vices to obtain a doctoral degree is prohibited; candidates
must confirm they have not used such services by signing
the declaration attached as Appendix 5.

§ 3
Admission based on degree earned from a domestic univer-
sity or Master's degree earned from a university of applied
sciences (HAW)

(1) 1 In order to satisfy the educational requirements, candidates
must have successfully completed either an above-average
Diplom, Master's or Magister examination at a university, an
equivalent state examination, or a Master's examination at
a university of applied sciences (HAW). 2 Above average is
defined to be a grade point average of at least 2.5 or a des-
ignation of at least „Gut bestanden“ (“good”) achieved in the
final examination. 3 Above-average performance may also
be demonstrated by scholarly achievements such as, for
example, papers published after completion of studies; the
decision will be made by the dean. 4 To pursue the degree Dr.
med., Dr. med. dent., or Dr. med. sci., successful completion
of the medical or dental examination will be considered suf-
ficient. 5 To obtain the degree “Dr. med. sci.”, the candidate
must additionally prove successful completion of a doctoral
program offered by the School of Medicine.

§ 4
Admission based on another degree earned from a domestic
university or institution of higher education

(1) Candidates who hold a Bachelor's degree from a university
may pursue a doctoral program at TUM if they meet the two
requirements indicated below:
1. an excellent Bachelor’s degree obtained from a university
after completion of a Bachelor’s program of at least three
years; a Bachelor’s degree is considered excellent if the
graduate is ranked among the top five percent of the
graduating class;
2. acceptance to a structured doctoral program at TUM.
The standard period of the doctoral candidature is, as a
rule, a maximum of three years. Upon completion of the
doctoral program the candidates must have obtained at
least 300 credits including those earned for the Bach-
elor's degree. The doctoral program is structured to allow
candidates to pursue a Master’s degree in a parallel
master’s program. Further details must be provided in the
regulations governing the relevant doctoral program.

(2) 1 Graduates of a Diplom program at a university of applied
sciences (HAW) may pursue a doctoral program at TUM if
they obtained an outstanding Diplom degree in a discipline
that is offered as a Master’s program at TUM. 2 As a rule, a
Diplom degree is considered outstanding if the graduate is
ranked among the top ten percent of all graduates of the
graduating class, evidence of which must be presented in
writing.

§ 5
Admission based on degree obtained from a foreign university

(1) 1 Degrees obtained from foreign universities will, upon re-
quest of the candidate, be recognized if they are equivalent
to one of the examinations listed in § 3, clause 1. 2 Equiva-
lence will be determined by the dean of the institution
responsible for the doctoral program. 3 The equivalence
agreements acknowledged by the Standing conference
of the German ministers of education and cultural affairs
(Kultusministerkonferenz) and the Association of universities
and other higher education institutions in Germany (Hoch-
schulrektorenkonferenz) must be complied with. 4 Where
the dean is unable to determine the equivalence on the basis
of these agreements, the Central Office of Foreign Education
(Zentralstelle für ausländisches Bildungswesen) of the Stand-
ing conference of the German ministers of education and
cultural affairs must be consulted, whose opinion must be
considered.

(2) 1 Further, the dean will determine whether the candidate’s
achievements are above average as defined in § 3 (1) clause
3. 2 To determine whether a foreign degree is considered
above average, the result of the foreign examination is converted to the German grading system in accordance with the „Vereinbarung über die Festsetzung der Gesamtnote bei ausländischen Hochschulzugangszeugnissen“ (resolution of the Standing conference of the German ministers of education and cultural affairs of 14/15 March 1991 as amended).

(3) Where a candidate has successfully completed the medical licensing examination (Ärztliche Prüfung) at a foreign higher education institution and equivalence is not established, the dean, upon the candidate’s request, may give the candidate the opportunity to take an additional oral examination before an examination board consisting of three members to be appointed by the dean. The requirement for admission is that the candidate demonstrates sufficient knowledge, experience and skills equivalent to the residency training (praktisches Jahr). This supplementary examination must include all subjects of the medical licensing examination (Ärztliche Prüfung) and, in addition, anatomy, physiology, and biochemistry. A competent observer must be present to take the minutes. Further, § 15, subsection 1, clause 3 and § 6, subsections 2, 7, and 8 of the German Licensing Regulations for Physicians (Approbationsordnung für Ärzte) shall apply accordingly to oral examinations. A failed examination may be repeated once. To repeat an examination, candidates may apply to the dean within no more than six months from announcement of the examination result.

(4) Subsections 1 to 3 shall apply accordingly to a Master’s degree obtained from a foreign technical college (polytechnical school, university of applied sciences), and § 4, subsection 2 to a Diplom degree obtained from a foreign technical college.

§ 6
Dissertation

(1) The dissertation is to demonstrate the candidate’s ability to do independent research work and provide a clear description of the results, and must be an original, innovative contribution to the advance of science. Prior publication of parts of the dissertation is permitted subject to subsection 7.

(2) A publication-based dissertation must be a scholarly work equivalent in all aspects to a dissertation as described in subsection 1; the requirements set out in Appendix 6 must be complied with. The publication-based dissertation must provide a brief description of the scientific problem, problem-solving solutions, results and conclusions achieved and related literature. The papers accepted for publication and published in print or electronic journals must be enclosed with the dissertation as appendix.

(3) The dissertation must be on a topic that falls within a subject area represented by an authorized examiner of TUM pursuant to § 10.

(4) Prior to submission of dissertations written outside of the degree-awarding institution, candidates must consult with a professor (Hochschullehrer, as specified in Art. 2 of the BayHSchPG) responsible for the discipline at TUM and obtain his/her approval. Submission is not permitted if the dissertation was assigned or supervised by a professor (Hochschullehrer, as specified in Art.2 of the BayHSchPG) who is not a faculty member of TUM.

(5) The dissertation must be written either in German or English. In exceptional cases, upon approval of the dean and the primary examiner, the dissertation may be written in a language other than German or English; in such a case the dissertation must include an abstract of the essential assessment-relevant results in German or English.

(6) The dissertation must be a candidate’s original work. It must include an abstract of the content and a complete bibliography of the literature and other information sources used. A candidate’s own publications pursuant to subsection 1, clause 2 must be identified as such.

(7) A candidate’s previous scholarly works that have already been used for examination purposes may not be submitted as dissertation. However, findings from the scholarly works may be used for the dissertation, provided that the underlying works are identified as such in the bibliography.

(8) Provided that a candidate fulfils the educational requirements stipulated in §§ 3 through 5, an authorized examiner of TUM as set out under § 10 has assigned a dissertation topic, the degree-awarding institution of TUM can administer the doctoral program, and a supervision agreement has been entered into between the examiner and the candidate,
§ 7
TUM Graduate School

1 Following a formal examination administered by either a Thematic Graduate Center or Faculty Graduate Center, applicants will become a member of TUM Graduate School after entry in the doctoral candidacy list. 2 Upon successful completion of the qualification program, TUM Graduate School will issue a certificate to each candidate. 3 In addition, membership in TUM Graduate School and successful completion of the TUM Graduate School’s qualification program will be recorded on the doctoral degree certificate (Appendix 3 b).

B) Application for doctoral candidacy

§ 8
Submission of dissertation

1 The written application for initiation of the doctoral examination process must be submitted through the TUM examination office to the degree-awarding institution pursuant to § 1 (5). 2 The application must specify the doctoral degree pursued and the title of the dissertation. 3 The following documents must be enclosed with the application:

1. proof of educational requirements pursuant to §§ 3 to 5;
2. confirmation of having attended the TUM Graduate School qualification program and having fulfilled the minimum requirements as set out in § 15 of the TUM-GS statute and the regulations of the graduate center in question. Doctoral candidates need to submit the following documents:

a) confirmation of at least two years' membership in TUM Graduate School and participation in the TUM Graduate School kick-off meeting;

b) confirmation of having attended subject-specific courses of at least 6 weekly hours per semester, which can be spread over the entire duration of the doctoral program;

c) confirmation of the candidate’s involvement in TUM’s academic activities as required for the candidate’s scholarly qualification; this will be evidenced, in particular, through attendance at either TUM or a public academic research institution acknowledged by the Graduate Center, by teaching courses at TUM or participating in a TUM research group.

d) confirmation that the research project was discussed within the international expert community. Further details on a) through d) are set out in the TUM-GS statute. Under special circumstances candidates may file, through the dean or the head of the degree-awarding institution, an application to the president of TUM to waive specific qualification requirements necessary for a doctoral program.

3. five identical copies of the dissertation in accordance with § 2 no. 2 and § 6 (1) and/or (2), and one electronic copy (pdf file) of the dissertation to be submitted to the degree-awarding institution at the same time;

4. an abstract of the dissertation of approx. 500 characters, which must be signed by either the authorized examiner pursuant to § 10 who suggested the topic of the dissertation (§ 10, subsection 2), or the professor (Hochschullehrer, as specified in Art. 2 of the BayHSchPG) involved according to § 6 (4);

5. a declaration pursuant to Appendix 5;

6. a list of prior publications pursuant to § 6 (1), clause 2;

7. a curriculum vitae listing, in particular, the candidate’s educational background;

8. a certificate of good conduct. Non-German nationals must submit a certificate recognized as equivalent by the TUM. This requirement can be dispensed with for TUM members.

§ 9
Initiation of doctoral examination process

1 The TUM examination office will verify whether the application meets the requirements set out in § 8. 2 In this case, the examination office will forward the application to the dean (according to § 1 (5), clause 1) of the degree-awarding institution indicated by the candidate. 3 The dean will determine whether the school or college is responsible for the doctoral
examination process and which doctoral degree applies pursuant to § 1. If the dean does not consider the school, college or degree-awarding institution indicated responsible, he/she will return the application to the examination office, stating the reasons for non-acceptance and, as the case may be, suggesting the institution he/she considers to be responsible. The examination office will forward the application to the suggested institution.

(2) The application for doctoral candidacy may be rejected only if
1. the admission requirements set out in §§ 2 to 5 have not been fulfilled, or
2. the certifications required under § 8 are incomplete or incorrect, or
3. no degree-awarding institution at TUM is responsible for administering the doctoral program, or collaboration pursuant to § 1 (4) cannot be realized.

Candidates must promptly be informed in writing if their application was rejected and on what grounds. The rejection notification must be accompanied by information on legal remedies (Appendix 7).

(3) If the application is accepted, the dean of the degree-awarding institution will reach a decision pursuant to § 10 as soon as possible.

C) Examination of dissertation

§ 10
Examination committee

(1) The degree-awarding institution appoints an examining committee consisting of a chair and one to three examiners; the third examiner may be appointed in the course of the assessment process. The Committee members (authorized examiners) must be professors (Hochschullehrer) pursuant to Art. 2 (3) clause 1 of the Bayerisches Hochschulpersonen- algesetz (BayHSchPG) [Bavarian law governing university staff], Emeritus professors, retired professors, TUM Distinguished Affiliated Professors, TUM Junior Fellows, or fellows of the TUM Institute of Advanced Study (IAS).

The chair must not be an examiner at the same time. The chair and at least one examiner must be professors of the degree-awarding institution as defined in Art. 2 (3), clause 1 of the BayHSchPG. In exceptional, justified cases it is sufficient that only one member of the examining committee is a professor of the degree-awarding institution within the meaning of Art. 2 (3), clause 1 of the BayHSchPG.

(2) If an examiner authorized in accordance with (1) suggested the dissertation topic and supervised significant parts of the dissertation, he/she shall be appointed primary examiner at his/her request. If a dissertation on an interdisciplinary topic was suggested by an examiner authorized pursuant to (1) who is not a faculty member of the degree-awarding institution, this authorized examiner shall be appointed primary examiner.

(3) One of the examiners pursuant to (1) may be a member of another domestic or foreign university. Notwithstanding clause 1, in the case of cooperative doctoral programs (kooperative Promotion) with universities of applied sciences (HAW) a HAW professor (Hochschullehrer, as specified in Art. 2 of the BayHSchPG) must be appointed examiner if he/she was significantly involved in the supervision of the dissertation.

(4) In justified cases a reviewer (Gutachter) may be appointed second examiner. In this case, upon resolution of the degree-awarding institution, an authorized examiner as set out under (1) must act as oral examiner. Where a third examiner was appointed, clauses 1 and 2 apply accordingly.

1) The job titles „Professor“, „Juniorprofessor“, „Honorarprofessor“, „Privatdozent“ and „außerplanmäßiger Professor“ are considered Hochschullehrer within the meaning of Art. 2 (3) clause 1 of BayHSchPG.
2) TUM Junior Fellows lead third-party funded junior research groups independently and have autonomously developed the scientific program for these groups (see resolution of the TUM Board of Management [Beschluss des Hochschulpräsidiums] no. 7/23/03 of 20 March 2007/5 June 2007).
§ 11
Assessment of dissertation

(1) The dean will submit the doctoral candidacy application including all required documentation to the chair of the examining committee. The chair will forward a copy of the dissertation to each examiner for assessment.

(2) The examiners will assess the dissertation and attach written reports including grades, taking into consideration the requirements set out in § 6 (1), clause 1. The reports will be submitted to the chair. The chair will ensure that the reports are submitted in a timely manner (as a rule, no later than within three months).

The grades to be awarded are:
“Passed with high distinction” (summa cum laude);
“Passed”; or
“Not Passed”.

(3) If at least one report was submitted to the chair of the examining committee, the doctoral candidacy application cannot be withdrawn.

(4) If one of the grades awarded is “Not Passed”, the doctoral project is failed; the doctoral examination process is therefore terminated. The examining committee will decide whether or not the dissertation may be re-submitted with modifications or whether a major revision is necessary; the decision must be unanimous. §§ 16 (2), clause 2, and 19 (1) shall apply accordingly.

§ 12
Involvement of faculty

Where the dissertation has been assessed at least as Passed by all examiners/reviewers, the chair of the examining committee will ensure that the dissertation, accompanied by the candidate’s curriculum vitae and the examiners’ reports, is sent to all full-time faculty (as specified in Art. 2 of the BayHSchPG) of the degree-awarding institution for decision as determined by faculty policy. The decision must be submitted in writing, either designated as „für Annahme“ (accepted) or, specifying the reasons, „gegen Annahme“ (rejected) within a deadline to be determined by the dean and not to exceed two months.

§ 13
Acceptance of dissertation

(1) The dissertation is accepted if the required number of “accepted” decisions has been received in accordance with § 12. The required number is at least ten for schools and colleges with fewer than 40 full-time professorial faculty members, and at least 20 for the remaining schools and colleges. If „rejected“ decisions are received, the dean, after having heard the examiners/reviewers and authorized examiners who voted „rejected“, will take a final decision as to whether the dissertation is accepted.

(2) If the dissertation is rejected, the doctoral project is failed and the doctoral examination process is terminated. § 16 (2), clause 2 and § 19 (1) shall apply accordingly.

D) Oral examination

§ 14
Invitation to the oral examination

(1) If the dissertation has been accepted pursuant to § 13 (1), the chair of the examining committee will schedule and supervise the oral examination. If admission was granted pursuant to § 4 (1), admission to the oral examination requires evidence of an above-average Master’s degree in accordance with § 3.

(2) The chair will invite, in writing, the candidate and the examining committee and, through announcement on the bulletin boards or electronic communication, the other authorized examiners of the degree-awarding institution no later than one week before the oral examination. The examining committee in consultation with the candidate may grant members of the public permission to attend the oral examination, in which case the examination date will be posted on the bulletin board.

(3) As a rule, the oral examination is conducted in German. At the candidate’s request the oral examination will be conducted in English.
§ 15
Oral examination, assessment of oral examination

(1) 1 Each candidate will be examined individually for approximately one hour. 2 Based on the dissertation topic, the examination will cover the broader discipline to which the dissertation is dedicated.

(2) 1 The oral examination will be conducted by the examining committee. 2 The chair may allow questions of other authorized examiners. 3 The chair is to make sure that each examiner is allotted an adequate share of the examination time.

(3) 1 The examiners record their grades on an assessment form pursuant to Appendix 1; the assessment is conducted in compliance with § 11 (2), clause 4. 2 Grades will be awarded only by examiners.

(4) 1 If one of the grades awarded is “Not Passed” or in the event that the candidate fails to appear for the oral examination on grounds attributable to the candidate, the oral examination has been failed. 2 In this case § 16 (2), clause 2 will apply.

E) Completion of examination

§ 16
Examination results

(1) 1 After completion of the oral examination the members of the examining committee will determine whether the examination has been passed and which denomination pursuant to § 17 (2) is to be awarded to the doctoral degree. 2 They may require the candidates to make modifications to their dissertation, if necessary. 3 These requirements must be recorded on the assessment form pursuant to Appendix 1 and a time limit must be set (three months maximum).

(2) 1 Immediately following the examination, the chair of the examining committee will communicate the examination result to the candidate. 2 If the examination was failed, the candidate will receive a written notification, accompanied by a note on legal remedies (Appendix 7), stating the reasons why the examination was failed and the repeat options.

(3) After completion of the doctoral examination process the candidate will have the opportunity to inspect the examination records within one year.

§ 17
Assessment of doctoral program

(1) The date of conferral of the doctoral degree will be the date of successful completion of the oral examination.

(2) 1 The overall grade for the doctoral program is calculated from the grades awarded by the examiners for the dissertation and the oral examination. 2 The denomination will be either “Passed” or “Not Passed”; the denomination “Passed with distinction” (summa cum laude) will be awarded only where consistently excellent grades were achieved for the dissertation and the oral examination.

§ 18
Retention of examination and dissertation records

(1) 1 After successful completion of the doctoral examination process the examination records will be kept by the TUM examination office; one copy will be kept in the files of the degree-awarding institution. 2 The degree-awarding institution may request that any result-related documentation (for example, lab notebooks, equipment drawings, and measurement and performance data) remain with the institution.

(2) Where a candidate has irrevocably failed the doctoral program, the dissertation including the reports will be kept in the files of the TUM examination office; within the deadline stipulated in § 19 (1), it may not be resubmitted as dissertation to any other degree-awarding institution.

F) Option to repeat failed parts of the doctoral program

§ 19

(1) Where a dissertation is rejected for the first time by TUM in accordance with § 11 (4) or § 13 (2) and the doctoral
program is therefore failed, the candidate, within a deadline of two years from service of the rejection notice, may submit a new dissertation or a dissertation revised in compliance with the examining committee’s consent pursuant to § 11 (4) through the examination office.

(2) If a candidate does not submit a revised or a new dissertation within the deadline set out in subsection (1), the doctoral program is deemed irrevocably failed. The rights granted under § 3 (2) and § 6 (1) of the German Maternity Leave Act (Mutterschutzgesetz) and the provisions governing the granting of parental leave must be complied with.

(3) Where one of the grades awarded for the revised or new dissertation pursuant to § 11 (2) is “Not Passed” or where the dissertation is not accepted pursuant to § 13 (1), the doctoral program is deemed irrevocably failed. In this case the candidate will receive a written notification, accompanied by a note on legal remedies, stating the grounds for the failure (Appendix 7).

(4) Where the dissertation submitted to TUM was graded at least as Passed by all examiners but the oral examination was failed, the candidate will only have to retake the oral examination. The examination may be repeated only once, no earlier than three months and no later than one year after the failed oral examination. If this deadline is not met, the candidate is no longer entitled to request that his/her dissertation be accepted and the doctoral program is considered irrevocably failed. A second repetition of the oral examination is possible only in cases of hardship of which the chair of the examining committee must be informed in writing; the examining committee must decide by unanimous vote.

G) Publication of dissertation

§ 20

(1) After passing the oral examination, the candidate must make the authorized version of the dissertation available to the scholarly public by means of reproduction and dissemination. The documents accepted for publication and published in print or electronic journals attached as appendix in compliance with § 6 (2), clause 3 will be exempt from the obligation to publish. The candidate must submit the following documents free of charge to the TUM examination office:

- six paper copies (DIN A4 or DIN A5, bound) and an electronic version, whose format and data medium must comply with the requirements of the TUM university library;
- the publication must contain an abstract in German and English language;
- the doctoral candidate will grant the TUM university library, the DDB (Die Deutsche Bibliothek) in Frankfurt, and the Bayerische Staatsbibliothek the right to publish the electronic version in data networks in perpetuity and to make it available to other databases, and assures that the electronic version corresponds to the dissertation accepted by TUM; after the university library has processed the dissertation, the doctoral candidate is obligated to check the metadata and web version of his/her dissertation for completeness, accuracy and readability; the submission of files that do not meet the requirements as to format and data medium will not be recognized as a publication.

H) Joint supervision of the doctoral program together with a foreign university/school or college

§ 21

Requirements for joint supervision programs

(1) The joint supervision of a doctoral program with a foreign university/school or college requires that

1. an agreement for the joint supervision of the doctoral program has been entered into with the foreign university/school or college;
   or
   an individual collaboration agreement for a dual doctoral program has been entered into with the foreign university/school or college;
2. the agreement pursuant to (1) no. 1 is made in writing and signed by the dean and the president of the foreign university/school or college and the dean and president of TUM;

3. a candidate has been admitted to doctoral candidacy both by TUM pursuant to §§ 2 through 5 and the foreign university/school or college.

(2) 1 In accordance with the agreement delineated in (1) no. 1, the dissertation may be submitted to TUM or the foreign university/school or college. 2 Dissertations submitted to the foreign university/school or college that were accepted or rejected may not be resubmitted to TUM.

(3) 1 If the dissertation is submitted to TUM, § 22 will apply. 2 If the dissertation is submitted to the foreign university/school or college, § 23 will apply.

(4) In any publications and conference or congress papers arising out of jointly supervised dissertations both universities must be recognized as source.

§ 22
Submission to TUM

1 During the doctoral program, candidates will be supervised by a TUM authorized examiner pursuant to § 10 in compliance with § 6 (3) and a faculty member of the foreign university/school or college. 2 The chair of the examining committee, with equal representation of both universities, must be a professor (Hochschullehrer, as specified in Art.2 of the BayHSchPG) of TUM. 3 The provisions of the Regulations for the Award of Doctoral Degrees (§§ 11–20) must be complied with. 4 The agreement referred to in § 21 (1) no. 1 must contain provisions on the conduct of the supervision.

§ 23
Submission to foreign university/school or college

(1) 1 Where the foreign university/school or college accepted the dissertation, the degree-awarding institution at TUM will, after submission of all necessary reports including the TUM supervisor's report, decide on the acceptance of the dissertation. 2 The dean will ensure that all other requirements of the agreement are complied with.

(2) 1 If the dissertation is rejected by TUM, the joint program is considered terminated. 2 The rejected dissertation may not be resubmitted to TUM.

(3) 1 If the foreign university/school or college rejects the dissertation, the joint program is considered terminated. 2 Subsection (2), clause 2 shall apply accordingly.

§ 24
Doctoral degree certificate

(1) After successful completion of the doctoral program under joint supervision with a foreign university/school or college, a joint doctoral degree certificate signed by both universities is issued, which states that the doctoral degree is jointly conferred by the universities in recognition of the candidate’s scholarly achievements.

(2) The agreement pursuant to § 21 (1) no. 1 will ensure that

1. any foreign certificate issued in addition to the joint degree certificate mentions the joint doctoral program with TUM;
2. the agreement contains the requirements set out in § 21 (4) hereinabove.

I) Effective date of doctoral degree

§ 25

(1) As verification of the award of the doctoral degree, the candidate will receive a preliminary certificate as indicated in Appendix 2 from the TUM examination office, provided the copies pursuant to § 20 have been submitted within the required deadline.

(2) Prior to receipt of the certificate referred to in (1) the candidates have no right to use their doctoral degree.

(3) 1 In addition, candidates will receive a German and English language certificate pursuant to Appendix 3b bearing the seal of TUM and the date of the completion of the doctoral degree pursuant to §17 (1). 2 Date and form of personal distribution will be determined by the degree-awarding institution. 3 An embossed certificate according to Appendix 3 c (DIN A3) will be available at extra cost.
J) Honorary doctorate

§ 26

(1) In recognition of outstanding scholarly, technical, medical, or artistic achievement, honorary doctorates (Dr.-Ing. E. h., Dr. rer. nat. h.c., Dr. rer. pol. h.c., Dr. oec. publ. h.c., Dr. phil. h.c., Dr. med. h.c., Dr. med. dent. h.c., Dr. med. sci. h.c., Dr. agr. h.c., Dr. rer. silv. h.c., Dr. rer. soc. h.c.) may, in rare cases, be awarded to individuals who are not currently employed by TUM.

(2) The award of an honorary doctorate requires a nomination stating why the nominee should be recognized, which must be adopted by at least one third of the professors (Hochschullehrer, as specified in Art. 2 of the BayHSchPG) of the degree-awarding institution. The letter of nomination should indicate and recognize the scholarly, technical, medical, or artistic achievement on which the nomination is based. The letter of nomination should demonstrate why the nominee’s achievement is outstanding. If available, evidence of the achievements should be included. An honorary doctorate for achievements other than scholarly achievements (for example, patronage or sponsorship) is excluded.

(3) The dean will appoint a committee consisting of at least three professors (Hochschullehrer, as specified in Art. 2 of the BayHSchPG) who represent the nominee’s discipline and will appoint from among the committee members a chair who must be a member of TUM. The committee members will discuss whether or not the nominee’s scholarly, technical, medical, or artistic achievement is outstanding and will, if necessary, solicit expert opinions.

(4) If the committee determines that the requirements for an honorary doctorate pursuant to subsection (1) have not been fulfilled, the nomination is rejected. The same nomination cannot be submitted again at TUM. If the committee approves the nomination, the dean, prior to the faculty council’s resolution, will forward the letter of nomination and the committee report on which the nomination is based to the members of the faculty council.

(5) The nomination is accepted if it is approved by the faculty council, the majority of the faculty council professors, the dean and the president; otherwise it is rejected and cannot be submitted again at TUM.

(6) In cases where a college or school is not the responsible institution according to § 1 (4), the entire scientific staff of the degree-awarding institution will carry out the duties of the faculty council.

(7) The honorary degree certificate, in which the nominee’s achievement is duly recognized, will be bestowed upon the nominee at an award ceremony.

K) Reconferment of doctoral degree certificate

§ 27

(1) On the occasion of the 50th anniversary of the awarding of a doctoral degree certificate, upon recommendation of the responsible school or college, the president may again confer the doctoral degree certificate (“golden doctorate award”).

(2) Clause 1 will apply accordingly to the 25th anniversary (“silver doctorate award”).

L) Invalidation of doctoral degree

§ 28

(1) If, prior to the award of the degree certificate, it is established that a candidate gained admission by misrepresentation, or practiced or attempted deceit, the degree-awarding institution must declare the doctoral program invalid and irrevocably failed.

(2) This declaration must be notified to the president, who will communicate it to all German universities or other higher education institutions.

M) Revocation of doctoral degree

§ 29

(1) Revocation of the doctoral degree is subject to Art. 69 of the Bavarian Higher Education Act (BayHSchG).

(2) The president will communicate

71
the revocation of the doctoral degree including the necessary
details to all German universities.

N) Transitional provisions, final provisions*

§ 30

(1) These Regulations for the Award of Doctoral Degrees shall
enter into force on the day following their promulgation. §§
3 to 6, §§ 10, 11, 15, and 17 shall apply to all candidates
who enroll on the doctoral candidacy list pursuant to § 6 (8),
clause 1 after the effective date of these Regulations. Upon
application to the school or college, the remaining candi-
dates that are already enrolled on the doctoral candidacy list
may decide to adopt the new Regulations. The decision will
be binding. At the same time the Regulations for the Award
of Doctoral Degrees of TUM of 1 August 2001, last amended
9 December 2011, shall, subject to sections 1 and, cease to
be in effect.

(2) Notwithstanding section (1), the regulations for Integrative
Research Centers will apply from the effective date of § 1
(3) and (4) of the fifth amendment to the statutes (Fünfte
Satzung zur Änderung der Grundordnung) of the Technische
Universität München.

(3) Notwithstanding § 1, the Center of Life and Food Sciences
Weihenstephan will confer the degree “Dr. oec” for disserta-
tion projects entered onto the doctoral candidacy list no
later than 30 April 2003, and “Dr. oec. troph” entered no later
than 31 December 2006.

* This provision refers to the entry into force of the regulations in the origi-
nal version of 12 March 2012. The date of entry into force of subsequent
amendments is set out in the respective amendment regulations.
Appendix 1 page 1 [ad § 15 (3)]

Dissertation Assessment Form

Doctoral Program of: ____________________________________________________________

(First name, last name)

Date of acceptance: ____________________________________________________________

Degree-awarding institution: ____________________________________________________

Topic: ________________________________________________________________________

____________________________________________________________________________

Examiner committee:

Chair: _______________________________________________________________________

1st Examiner: __________________________________________________________________

2nd Examiner: __________________________________________________________________

3rd Examiner: __________________________________________________________________

Assessment of the dissertation:

<table>
<thead>
<tr>
<th>Examiner</th>
<th>Name</th>
<th>Date</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Examiner:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2nd Examiner:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd Examiner:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Assessment of the oral examination:

<table>
<thead>
<tr>
<th>Examiner</th>
<th>Signatures</th>
<th>Date</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Examiner:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2nd Examiner:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd Examiner:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grade** = __________________________________________________________

**) “Passed with high distinction (summa cum laude)***”, “Passed”, “Not passed”***

The denomination “Passed with distinction” (summa cum laude) will be awarded only where consistently excellent grades were achieved for the dissertation and the oral examination.
Appendix 1 page 2

The candidate has successfully completed the doctoral program pursuant to § 17 (2) of the Regulations for the Award of Doctoral Degrees; the designation *) for the overall grade is

______________________________________________________________

Type of doctoral degree:

______________________________________________________________

No ****) changes were required with regard to the publication of the dissertation pursuant to § 20.

Munich, ____________________________

______________________________________________________________
(Signature Chair of the examining committee)

*) “Passed” or “Passed with high distinction” (summa cum laude)

****) Please delete if not applicable
Appendix 2  [ad § 25 (1)]

Preliminary Doctoral Degree Certificate

Mr./Ms. ____________________________________________
born in ___________________ on _______________________

as part of his/her doctoral program
at the Technische Universität München

____________________________________________________
(degree-awarding institution)

has demonstrated in his/her dissertatio

____________________________________________________

____________________________________________________
(tie)

and the oral examination his/her ability to conduct independent scholarly research and has been awarded the designation

____________________________________________________

The Technische Universität München confers upon him/her the degree of

Doktor __________________________

(Dr. __________________________)

(abbreviation

Munich,

____________________________________________________
(Date of delivery)

(Seal)

Head of the Examination Office
of Technische Universität München
DOCTORAL CERTIFICATE

Upon decision of the Center of Food and Life Sciences Weihenstephan, the Technische Universität München awards

Mr. <akademischer Grad>
FRANZ BERBERINGER
born January 1, 1980 in Berlin

the degree of
DOKTOR DER NATURWISSENSCHAFTEN
(DR. RER. NAT.),
on completion of the thesis
"Themata der Dissertation"
under the academic supervision of Prof. Dr. rer. nat. H.M. Müller, Professor of
"Lehrstuhl" and after demonstrating his scientific abilities by passing the viva voce with the grade
"<PRÄDIKAT>"

Mr. Beberinger was a member of the TUM Graduate School and participated successfully in the qualification program. A separate certificate is issued showing full details.

München, July 1, 2010

Prof. Dr. Dr. h.c.mult. Wolfgang A. Herrmann
President

Prof. Dr. rer. nat. Dr. agr. habil. H.H.D. Meyer
Dean

Explanation

The designations for the overall grade gained in the doctoral degree are as follows:

"summa cum laude (passed with high distinction)"
or
"bestanden".

Erläuterungen

Das Gesamtprädikat der Promotion lautet
"summa cum laude (mit Auszeichnung bestanden)"
or
"bestanden".
Appendix 3 c  [ad § 25 (3)]

Embossed Certificate

[Image of embossed certificate]

Die Technische Universität München verleiht auf Beschluß der
Fakultät für Bauingenieur- und Vermessungswesen

Herrn Dipl.-Ing. Sigurd Hofnagel
geb. 18. Februar 1981 in Prien

aufgrund der erfolgreichen Promotion den akademischen Grad

Doktor der Ingenieurwissenschaften (Dr.-Ing.)

München, 28. November 2010

Wolfgang A. Herrmann
Präsident

Stefan Ulrich
 Dekan
Appendix 4  [ad § 20]

Dissertation Title Page

(name of degree-awarding institution)

(dissertation title)

(first name and surname)

Complete copy of the dissertation approved by degree-awarding institution of

of the Technische Universität München in partial fulfillment of the requirements for the degree of

Doktor

Chair: 

Dissertation examiners:

1. 

2. 

3. 

The dissertation was submitted to the Technische Universität München on

nd accepted by the degree-awarding institution of

on
I hereby declare that the dissertation titled
________________________________________________________

prepared under the guidance and supervision of
________________________________________________________

in/at _______________________________________________________
[academic department, institute, Lehrstuhl, clinic, hospital]

does TUM is my own, original work undertaken in partial fulfillment of the requirements for
the doctoral degree. I have made no use of sources, materials or assistance other than
those specified in § 6 (6) and (7), clause 2.

[ ] I have not employed the services of an organization that provides dissertation super-
visors in return for payment or that fulfills, in whole or in part, the obligations incum-

bent on me in connection with my dissertation.

[ ] I have not submitted the dissertation, either in the present or a similar form, as part of
another examination process.

[ ] The complete dissertation was published in __________________________

The degree-awarding institution
________________________________________________________
has approved prior publication of the dissertation.

[ ] I have not yet been awarded the desired doctoral degree nor have I failed the last
possible attempt to obtain the desired degree in a previous doctoral program.

[ ] I have already applied for admission to a doctoral program at the school or college of

__________________________
at (university) __________________________
by submitting a dissertation on the topic __________________________

with the result: __________________________

I am familiar with the publicly available Regulations for the Award of Doctoral Degrees of
TUM, in particular § 28 (Invalidation of doctoral degree) and § 29 (Revocation of doctoral
degree). I am aware of the consequences of filing a false affidavit.

[ ] I agree, [ ] I do not agree
that my personal data is stored in the TUM alumni database.

Munich, __________________________
(Date, Signature)
Appendix 6  [ad § 6 (9)]

Publication-based Dissertation

Publication-based dissertations will be accepted provided that the supervisor has
given his/her written approval and the following requirements are met:

1. the dissertation must include an introductory and methodology section (20 pages);
   a discussion section across dissertation topics including a review of relevant litera-
ture;

2. the dissertation must include at least two first-author papers accepted for publica-
tion (full paper in an international, English language, peer-reviewed journal);

3. the candidate must be the first author of all publications included;

4. the dissertation must include a summary of each publication (one page), indicating
   the individual contributions of the candidate;

5. inclusion of selected original papers requires a separate letter of approval from
   each publisher. All other publications must be listed with a full publication cita-
tion for each. In the set of copies for the members of the examining committee all
original papers must be included separately.
Appendix 7  [ad § 9 (2); § 16 (7) and § 19 (3)]

Legal Remedies

Within one month after announcement of the decision you may either file opposition to (see 1.) or directly take legal action against the decision (see 2.).

1. When filing an opposition:
Opposition must be filed in writing to or declared for the record of

Technische Universität München,
Hochschulreferat Studium und Lehre – Rechtsangelegenheiten
Arcisstraße 21, 80333 München.

Should a decision on the merits of the opposition not be made within a reasonable time limit without sufficient reason, an action may be brought before the Bayerisches Verwaltungsgericht [Bavarian Administrative Court] in Munich, postal address Postfach 20 05 43, 80005 München; street address Bayerstraße 30, 80335 München, in writing or declared for the record of the clerk’s office of this court. The action may not be brought before expiration of a period of three months after the opposition has been filed unless a shorter time limit is required due to special grounds of the case. The action must state the claimant, the defendant (TUM) and the cause of action and should contain a specific claim. The facts and evidence substantiating the action should be stated and the decision against which the action is taken should be enclosed as original or counterpart. With the action and any briefs, copies should be enclosed for the other parties involved.

2. When directly filing an action:
The action may be filed to the

Bayerisches Verwaltungsgericht [Bavarian Administrative Court] in Munich,
Postal address Postfach 20 05 43, 80005 München
Street address Bayerstraße 30, 80335 München

in writing or declared for the record of the clerk’s office of this court. The action must state the claimant, the defendant (TUM) and the cause of action and should contain a specific claim. The facts and evidence substantiating the action should be stated and the decision against which the action is taken should be enclosed as original or counterpart. With the action and any briefs, copies should be enclosed for the other parties involved.

Note on Legal Remedies:
- As a result of the Gesetz zur Änderung des Gesetzes der Verwaltungsgerichtsordnung of 22 June 2007 [act amending the law governing the execution of the Code of Administrative Court Procedure] (GVBl p. 390), facultative opposition proceedings in the field of [examination law / aptitude assessment] have been established to offer a choice between either filing opposition proceedings or directly filing an action.
- The filing of opposition proceedings or an action by e-mail is not admissible.
- By virtue of German federal law, a court fee advance must be paid for all actions before the administrative courts as of 1 July 2004.
Sample Supervision Agreement for Doctoral Projects
at the Technische Universität München

<Name of Graduate Center>

Degree-awarding institution: _________________________________

This agreement reflects the current planning horizon; it may and should be continuously updated in terms of the development of the aims and objectives as well as the individual qualification elements and milestones of the doctoral project, as agreed between the supervisor and the doctoral candidate.

Mrs. / Ms. / Mr. ________________________________ [Doctoral candidate]

and

Mrs. / Ms. / Mr. ________________________________ [Supervisor]

enter into the following agreement.

Mentor of the doctoral program: ________________________________

1. Content and Abstract of the Doctoral Project

The doctoral candidate is writing a dissertation on the following topic:

__________________________________________________________

[ ] An abstract dated ____________________________ (date) is attached as enclosure.

[ ] An abstract has not yet been completed at the time of the candidate’s entry in the doctoral candidacy list, but will be submitted within six months, i.e. no later than ____________________________ (date).

For details on abstracts, see Leitfaden zur Promotion.
2. Schedule

1. The doctoral project should be completed within a period of ________ years.

2. The doctoral project is based on the enclosed abstract including the working/time schedule.

3. The doctoral candidate undertakes to provide the supervisor with precise information on the status of his or her doctoral project. The supervisor undertakes to devote the time necessary to discuss the project and to promote the quality of the doctoral project through advising and discussion. Detailed discussions on the development of the doctoral project will be held every ________ months and their outcome recorded in writing.

4. In accordance with § 15 (6) of the TUM Graduate School Statute, a feedback discussion on the continuance of the doctoral project will be held no later than two years after entry into force of this agreement.

3. Elements of the Doctoral Project

1. Upon application for entry in the doctoral candidacy list, the doctoral candidate will be a temporary member of TUM-GS. To pursue a doctoral project, candidates must be a member of TUM-GS for at least two years and participate in the TUM-GS qualification program, as set out in § 8 of the TUM Regulations for the Award of Doctoral Degrees.

2. This supervision agreement specifies the doctoral candidate’s intended individual qualification program. It may be amended at any time as long as it is consistent with the scope and content of the qualification program required by the graduate center. TUM-GS provides the necessary funds as set out in § 16 of the statute (see Leitfaden zur Promotion).

3. The following mandatory qualification requirements have been agreed upon:
   a. participation in a kick-off seminar at the TUM Graduate School within the first half of the year.
   b. involvement in the academic community of the TUM to be demonstrated through

   [ ] attendance at the TUM or one of the following partner institutions¹:
   
   and/or

¹Partner institutions are public academic research institutions acknowledged by the Graduate Center.
[ ] teaching at the TUM (e.g., lectures, practical courses, supervising of practica and theses), or

[ ] participation in the following research group of the TUM:

If this requirement is fulfilled through teaching or participation in a research group, the following specific activities are planned:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Duration/Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. subject-specific courses (seminars, special lectures, summer/winter school, etc. offered by the school, college or graduate center) corresponding to at least six weekly hours per semester (spread over the entire duration of the doctoral project). The following events are planned:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Event</th>
<th>Type</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>d. Discussion of research results within the international expert community. (As a rule, submission of at least one publication to a refereed journal or in the proceedings of an international conference with peer review. Alternatively, specify comparable achievements acknowledged by the Graduate Center).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Planned activities: __________________________________________________
2. In addition, the candidate is planning to participate in the following elective qualification elements.

a. **Extra-disciplinary seminars** offered by the TUM Graduate School or other TUM continuing education programs. TUM-GS recommends and funds at least three courses.

   Planned seminars: 

<table>
<thead>
<tr>
<th>Event</th>
<th>Coordinator</th>
<th>Duration</th>
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<tbody>
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</tbody>
</table>

b. **International orientation** of the doctoral project (e. g., stay abroad, participation at conferences or involvement of international scholars). TUM-GS recommends extended international research stays abroad and provides funding (see *Leitfaden zur Promotion*).

<table>
<thead>
<tr>
<th>Activity</th>
<th>Host institution</th>
<th>Country</th>
<th>Duration (in days)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

4. **Resources**

The supervisor and the doctoral candidate have agreed on the resources (e. g., laboratory access, measuring and calculating equipment and/or materials) necessary to conduct the planned research. The candidate has been informed of any possible restrictions regarding the above, such as (where applicable):
5. Measures to balance Family and Academic Career

The following has been agreed upon:

6. Good Scientific Practice

The parties to this agreement undertake to comply with the Rules of Good Scientific Practice as defined in the TUM Code of Conduct / Ehrenkodex (see www.tum.de). The candidates are aware that according to § 6 (7) of the TUM Regulations for the Award of Doctoral Degrees scholarly work already submitted for examination purposes may not be re-submitted as part of the doctoral project.

7. Conflict Regulations

In cases of conflict arising from non-compliance with the above obligations the parties will promptly enter into discussion to ensure compliance. Where this is not possible, each party may address its concerns to the dean, the head or the board of arbitration of the TUM Graduate School or the ombudspersons of the TUM.

8. Severability

Should individual terms and conditions of this agreement be invalid, in part or as a whole, this shall not affect the validity of the entire agreement.
An original copy of the supervision agreement must be submitted when applying for entry in the doctoral candidacy list of the degree-awarding institution. Copies must be submitted to the following persons/institutions:

1. Supervisor
2. Mentor
3. Graduate Center
Statutory Regulations of the TUM Graduate School (TUM-GS)*
Bylaws effective May 13, 2009
as amended by the 1st Amendment Regulations of 1 September 2013

Preamble
The Technische Universität München is committed to the education of junior scientists in the natural, engineering, and life sciences, in medicine, and in the economic sciences. The focus in the post-graduate phase is on scientific research. The increasing complexity of research topics necessitates the adoption of multidisciplinary and interdisciplinary approaches. At the same time, evolving labor markets require that future academic leaders hold a wide-ranging outlook that is not tied to individual disciplines and adopt an international orientation. As a core task of the Technische Universität München, research-driven graduate education must meet the increasing requirements in terms of course content, organization, and financial resources.

Against this background, as an innovative structure in German post-graduate education, the TUM Graduate School (TUM-GS) is conceived in such a way as to be optimally positioned to meet the top international standards with regard to the objectives, structure, and content of its programs. In addition to faculty-based formats, the TUM-GS provides scope for unconventional educational objectives, in particular the interweaving of scientific-technological topics with entrepreneurial thinking and action along new innovation chains (science-to-business). This means that the qualification portfolio of graduate education at TUM-GS is fundamentally open to expansion.

Irrespective of the significance of individual, independent scientific research, the TUM-GS creates the framework necessary for inter-faculty thematic research focuses (interdisciplinarity). It fosters the internationality of graduate education and organizes the interdisciplinary education of doctoral candidates at the Technische Universität München. It ensures the teaching and training necessary for this in terms of both scope and level, and creates incentives for the exploitation of the latter by junior scientists, who, as the Graduate Council (Doktorandenkonvent), enjoy an institutional weighting as a group of key performers within the university.

The TUM-GS takes its direction from (a) the positive experiences of the TUM Graduate School of Science and Engineering, which emerged from the Excellence Initiative 2006, and (b) the recommendations of the German Council of Science and Humanities and the Deutsche Forschungsgemeinschaft (German Research Foundation). The TUM-GS ensures the application of binding standards in graduate education throughout the university and enhances the variety of this education.

The Technische Universität München assumes continuous financial responsibility at central university level for the operative implementation of the TUM-GS.

The Extended Board of Management (Erweitertes Hochschulpräsidium) of the Technische Universität München (TUM) passed the following Statutory Regulations on April 22, 2009, which is a supplement to the Regulations for the Award of Doctoral Degrees (Promotionsordnung) of the TUM, in accordance with the recommendation for the establishment of the TUM-GS made by the Supervisory Board (Hochschulrat) on November 26, 2008. The TUM-GS statute was approved by the Supervisory Board on May 13, 2009. The following updated version was approved by the TUM Extended Board of Management on June 19, 2013 and by the University Senate on July 17, 2013; it was enacted by the President on September 1, 2013.

*Preliminary note:
Irrespective of the gender used, all personal pronouns refer to men and women equally.
Legally binding is the german version printed on pg. 8 – 25 of this document.
§ 1
Legal Form

The TUM Graduate School (hereinafter referred to as the TUM-GS) has the status of a Corporate Scientific Center (Zentrale Wissenschaftliche Einrichtung) of the TUM in accordance with Article 19 Paragraph 5 of the Bavarian Law Governing Colleges and Universities [BayHSchG]. It aims at structured scientific training of graduates aspiring to obtain doctorate degrees and is guided by consummate international standards.

§ 2
Tasks and Aims

(1) The TUM-GS is the comprehensive organizational format for graduate qualification at the TUM and in this function supports the institutions providing doctorates. This creates a corporate environment with ideal conditions for scientific research. The aim is to increase the appeal and the quality of doctorates at the TUM.

(2) The focus of the doctorate program at the TUM is formed by the independent research work of the doctoral candidates who in turn are supported by the TUM-GS through a large variety of measures. Technical training is further enhanced with the help of Graduate Centers based on the respective faculties/departments or (interdisciplinary) thematically organized Graduate Centers. Moreover, the TUM-GS steers and organizes the further interdisciplinary training of the graduates. To this end, it provides for courses in accordance with the required scope and level. In addition, the TUM-GS provides services that are independent of specific disciplines for doctoral candidates and members of the TUM involved in providing supervision. It employs the central institutions of the TUM for these tasks. The TUM-GS also offers “welcome services” for international doctoral candidates and/or applicants; it provides interfaces to the international academic job market (incoming and outgoing, resp.).

(3) In accordance with the TUM’s diversity mission statement, the TUM-GS promotes science and innovation in an open society, so that the specific talents and skills of young scientists and researchers can truly flourish. The program and the structures of the TUM-GS promote the participation and inclusion of everyone into the scientific community, regardless of gender, nationality, religion and ideology, disability, age or sexual identity.

(4) The TUM-GS brings a common set of rules to a variety of graduate institutions or graduate schools – regardless of their subject – or faculty-specific as well as cross-faculty nature.

(5) The TUM-GS serves to develop the independent identity of the group of doctoral candidates. Independent of the employment relationship or financing model, the TUM-GS equally supports the traditional individual doctorate (Master-apprenticeship model) and doctoral candidacies in postgraduate programs and interdisciplinary research training groups. External doctoral candidates are also members of the TUM-GS and are incorporated into the academic environment at the TUM.

(6) A central aspiration of the TUM-GS consists in intensification of international cooperation and recruitment of first-class international doctoral candidates. Research trips abroad by doctoral candidates or the integration of international guest scientists into research work is supported and financially promoted to the same extent as international publications and conference contributions.

(7) The TUM-GS serves to structure the research phase and thus helps to avoid the time taken to obtain a doctorate becoming unnecessarily long.

(8) The aim of the TUM is to equally strengthen both research and teaching. Thus it goes without saying that all doctoral candidates at the TUM-GS participate in the teaching and training required for this task. Particular attention is given in order to make certain that the time required is calculated in such a way that it does not conflict with the aim of expeditious completion of the doctoral project within the

---

1 Internal doctoral candidates: members of staff at the TUM, the Klinikum rechts der Isar, TUM.Asia and other entities academically linked to the TUM, as well as fellows of the TUM or any of the aforementioned institutions.

External doctoral candidates: all others, especially staff from other research institutions and companies.
In cooperation with the faculties, TUM-GS develops preparatory programs for the actual doctorate phase (pre-doctorate programs). These are designed in particular to create the specialized and interdisciplinary bases for both the doctorate phase and work on the selected research topic among foreign applicants for doctoral positions and for graduates of technical colleges and universities in a structured, individually arranged program of study of one to two semesters in duration. For this group a faculty Graduate Center and/or Thematic Graduate Center may allow successful participation in the pre-doctorate program following corresponding aptitude testing and prior to final approval and admission to the doctoral project. At the end of the pre-doctorate phase, the respective Graduate Center shall reach a decision with regard to admission of an applicant to the TUM-GS as a doctoral candidate.

§ 3 Structure

(1) The TUM-GS consists of the following units:
   a. Faculty Graduate Centers (FGCs) and
   b. Thematic Graduate Centers (TGCs).

The TUM-GS has a Management Office with facilities adequate to the respective tasks. In terms of a matrix structure for the TUM, the FGCs are both facilities of the TUM-GS and of the faculties.

(2) Each institution providing doctorates of the TUM² creates a Faculty Graduate Center (FGC) under the responsibility of the Dean of a faculty or the Executive Director of an Integrative Research Center, which is included into the TUM-GS by a decision of the TUM Extended Board of Management.

Faculty Graduate Centers as specified in Paragraph 1a promote their doctoral candidates in accordance with the practices of the respective discipline and coordinate the specialized training program as well as international exchange. The respective FGC issues rules of internal procedure that must be approved by the Management Board of the TUM-GS for the respective arrangement; whereby uniform high quality in particular is to be universally assured while taking the culture of the various disciplines into consideration. Within the scope of this agreement the FGC is responsible for providing offers related to the fields of the respective doctoral candidates (special lectures, seminars based on the disciplines of the doctoral candidates, etc.), for the quality assurance of the individual doctoral examination procedures and for organizational matters (e.g. support in the organization of stays abroad for doctoral candidates and guest scholars). The coordination and organization of seminars on diversity issues related to the respective culture of the specific discipline(s), as well as training particularly for female doctoral candidates, takes place, where it makes sense, via the FGCs. Each FGC is entitled to make rules for its doctoral candidates that go beyond the training program as specified in Section 15 of this present Statutory Regulations.

(3) Thematic Graduate Centers (TGCs) may be established under the umbrella of the TUM-GS at faculties/departments and/or wherever expedient beyond faculty/department limits by way of a resolution on the part of the TUM Extended Board of Management. They operate similarly to FGCs, but define their own interdisciplinary focus and are entitled to make rules for their doctoral candidates that go beyond the training program as specified in Section 15 of this Statute. The statute of a TGC must be approved by the Management Board of the TUM-GS.

(4) TGCs may be preferentially established in cooperation with other universities or non-university research institutes.

(5) The TUM-GS may create further organizational units within the scope of this Statute.

(6) At the TUM, Graduate Centers only exist in the context of the TUM-GS.

²Institutions providing doctorates are all faculties and facilities of the TUM mentioned in Section 1, Paragraph 4 of the Regulations for the Award of Doctoral Degrees.
§ 4  
**Governing Bodies**

The governing bodies of the TUM-GS include:
1. the Management Board with the Graduate Dean as the director of the TUM-GS (§ 8, § 9),
2. the Committee of Graduate Centers’ Spokespersons (§ 10),
3. the TUM Graduate Council (Doktorandenkonvent) (§ 11),
4. the Scientific Council (§ 12).

§ 5  
**Membership**

(1) All doctoral candidates at the TUM are members of the TUM-GS.

(2) Early on, i.e. while still researching the dissertation’s topic, each doctoral candidate will apply for entry into the list of doctorates of an institution providing doctorates. After a preliminary formal examination by the doctorate providing institution, the doctoral candidate is registered and becomes a provisional member of the TUM Graduate School.

When the entry into the list of doctorates is confirmed, the doctoral candidate becomes a member of the TUM Graduate School in accordance with Section 6, Paragraph 8 of the TUM Regulations for the Award of Doctoral Degrees.

(3) Application for entry into the list of doctoral candidates requires a signed supervision agreement (§ 15).

(4) Doctoral candidate and supervisor annually confirm that the data and the continuation of the doctoral project are up-to-date.

(5) Regarding the minimum duration of membership, refer to Section 8, Paragraph 3, Sub-clause 2a.

(6) Further members of the TUM-GS are
   a. TUM scientists and researchers mentioned in supervision agreements of doctoral candidates of the TUM-GS,
   b. the spokespersons of the FGCs and TGCs,
   c. the staff of the Management Office and the Graduate Centers of the TUM-GS.

If requested, further persons can be accepted as members, e.g. professors from other universities and professors from universities of applied sciences that are engaged in doctoral supervision.

(7) For doctoral candidates, membership of the TUM-GS ends
   a. when the last examination or requirement for the doctorate has been provided, in accordance with the TUM’s Regulations for the Award of Doctoral Degrees, or
   b. by written notice to the Graduate Dean, e.g. as a result of termination of doctoral candidature or a change of university, or
   c. in case of non-confirmation of data by either the doctoral candidate or the supervisor 3 months beyond the deadline, including the opportunity of a hearing; confirmation of data is due on October 1st of each year.

(8) Other members are discharged if they no longer perform tasks at the TUM-GS.

§ 6  
**Associate Members**

As associate members graduate centers may also admit

(1) particularly qualified master’s students in exceptional elite master’s programs at the TUM (e.g. Bavarian Elite Network),

(2) doctoral candidates of other institutions and

(3) guests.

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1 Scientists and researchers according to this definition are professors at the TUM, postdoctoral fellows, honorary professors, lecturers, TUM Emeriti of Excellence, Fellows of the TUM Institute for Advanced Study (TUM-IAS) and TUM Distinguished Affiliated Professors, as well as all other doctorate-granting auditors in accordance with Section 10 of the Regulations for the Award of Doctoral Degrees.
§ 7  
Member Rights and Obligations

(1) Members in accordance with Sections 5 and 6 shall be entitled to use the infrastructure and resources of the TUM-GS within the scope of the latter’s possibilities. They may take advantage of the means available to the TUM-GS within the scope of the procedures specified in Sections 15 and 16.

(2) As stipulated in the regulations, members shall be obliged to cooperate in the tasks and aims of the TUM-GS in accordance with Section 2 and to actively support the TUM-GS.

(3) The rights and obligations of the doctoral candidates and supervisors shall be regulated in detail by a supervision agreement (Section 15). All members shall be obliged to provide for a timely and expeditious doctorate procedure.

(4) Publications and conference contributions resulting from financial support of the TUM-GS are to be marked
   a. with the author address Technische Universität München
   b. with the indication that they were created as part of the TUM Graduate School.

The legal obligation to report inventions to the TUM is unaffected.

(5) Members shall be obliged to report to the Management Board of the TUM-GS and the TUM Board of Management upon request. Reporting in the case of doctoral candidates may take place within the scope of the quality control regulated in Section 15.

(6) For exemptions, see Section 8 of the TUM Regulations for the Award of Doctoral Degrees.

§ 8  
Management Board

(1) The Management Board of the TUM-GS consists of:
   a. the Graduate Dean and Deputy (Section 9),
   b. the four spokespersons of the Graduate Centers, selected in accordance with Section 10, Paragraph 3,
   c. the spokesperson of the Graduate Council and his/her deputy (Section 11).

(2) The term of office of the members of the TUM-GS Management Board in accordance with Paragraphs 1 a. and b. shall amount to three years and one year for members in accordance with Paragraph c. Members may also be re-elected.

(3) The TUM-GS Management Board decides on the strategic focus of the TUM-GS, reviews implementation of the aims in accordance with Section 2 and provides initiatives for further development of the TUM-GS. Furthermore, it is responsible for the following tasks:
   3.1 Development of the transferable skills program and the training program as well as its coordination, quality control and consultation with the TUM Board of Management and the graduate centers of the TUM-GS,
   3.2 coordination of any cooperation with non-universality partners in Thematic Graduate Centers,
   3.3 preparation of the progress report of the TUM-GS for the TUM,
   3.4 consulting on budget matters,
   3.5 implementation and quality assurance of the procedures for internal distribution of funds (Section 16),
   3.6 implementation of the gender mainstreaming principle and promotion of the equal treatment of men and women,
   3.7 proposals to the TUM Board of Management regarding the admission and termination of membership of graduate centers at the TUM-GS,
   3.8 drafting of proposed amendments to the Statute and submitting them to the TUM Board of Management, the Extended Board of Management and the Senate,
   3.9 approval of the regulations for the graduate centers that comprise the TUM-GS, and the amendments thereto,
   3.10 receipt of the work of the graduate centers that comprise the TUM-GS,
   3.11 appointment of the members of the board of arbitration in accordance with Section 17.

(4) The TUM-GS Management Board may draft its own rules of internal procedure.
The TUM-GS Management Board designates responsible persons for the aforementioned competencies within its ranks. In all other respects the Graduate Dean takes the overall responsibility.

The TUM-GS Management Board shall meet at least twice a year. The meetings shall be chaired by the Graduate Dean and/or his/her deputy.

§ 9
Graduate Dean

(1) The Graduate Dean heads the TUM-GS and represents its interests. The Graduate Dean also acts as the chairman of the TUM-GS Management Board. The Graduate Dean shall be obliged to report to the TUM Board of Management in all matters concerning the TUM-GS and its institutions (Section 3 (1)). The spokespersons of the graduate centers (Section 10) shall be obliged to report to the Graduate Dean.

(2) The Committee of the Graduate Centers’ Spokespersons of the Thematic Graduate Centers and the Faculty Graduate Centers of the TUM-GS shall elect the Graduate Dean as well as a deputy and propose to the TUM Board of Management that they be appointed for three respective years. The Graduate Dean and deputy must be full-time, unlimited professors of the TUM. Reappointment is possible.

(3) The tasks of the Graduate Dean include in particular:

3.1. Responsibility vis-a-vis the TUM Board of Management for proper distribution of funds as well as adherence to the overall budget of the TUM-GS within the meaning of comprehensive and detailed accounting,

3.2. support in matters of graduate candidature in accordance with the Regulations for the Award of Doctoral Degrees, particularly compiling the TUM’s list of doctoral candidates from the lists of all institutes providing doctorates,

3.3. personnel matters of the Management Office,

3.4. convening meetings of the Management Board (Section 8), the Scientific Council (Section 12) and the Committee of Graduate Centers’ Spokespersons (Section 10),

3.5. reporting on its decisions to the TUM-GS Management Board,

3.6. providing information to the members and staff,

3.7. consulting on important matters with the TUM Board of Management and submission of the annual progress and findings report of the TUM-GS to the TUM Extended Board of Management,

3.8. internal and public representation of the TUM-GS while taking the overall interests of the university into consideration,

3.9. proposing of members of the Scientific Council to the TUM President in accordance with Section 12.

(4) The Graduate Dean shall receive a perquisite, specified by the University President, for his/her services. The Graduate Dean is a member of the TUM Extended Board of Management with his/her seat and vote.

(5) The Graduate Dean shall be supported by the Managing Director as well as the Management Office of the TUM-GS (Section 13).

(6) If the TUM-GS Management Board cannot be called up and decide in time, then the Graduate Dean shall make decisions with regard to matters relevant to the board within the scope of emergency competence. A report shall be provided at the next board meeting.

(7) In the event that the Graduate Dean prematurely resigns from office, then a successor shall be elected for the remaining term of office. The deputy shall carry out the office until such election.

(8) Dismissal of the Graduate Dean shall be possible given good cause. The decision shall be made by the TUM Board of Management.

§ 10
Committee of Graduate Centers’ Spokespersons

(1) Each graduate center shall be headed by a spokesperson who is elected within the respective graduate center. The spokesperson shall be supported by a deputy. The regulations of the respective graduate centers shall regulate any details.
The spokespersons of the graduate centers shall be responsible for the following tasks:

2.1. Coordination of the respective graduate center,
2.2. distribution and verification of the allocated funds for the projects and activities within the graduate center,
2.3. reporting to the Management Board of the TUM-GS,
2.4. cooperation as well as interdisciplinary collaboration within and between the respective graduate centers.

In accordance with Section 8, Paragraph 1, the Committee of Graduate Centers’ Spokespersons elects its four board members and the Graduate Dean, who does not need to be a member of the Committee.

The Committee has the right of initiative for the introduction of amendments to the Statute.

The Committee of Graduate Centers’ Spokespersons shall meet at least once per year.

§ 11
TUM Graduate Council

The TUM Graduate Council (Doktorandenkonvent) of the TUM-GS shall include two doctoral candidates per graduate center that makes up part of the TUM-GS. The members of the TUM Graduate Council shall be elected once on an annual basis by the doctoral candidates of the respective graduate center in accordance with the regulations of the respective graduate centers; re-election is possible.

The Graduate Council elects one representative and one deputy. In accordance with Section 8, Paragraph 1, the representative of the doctoral candidates and his/her deputy are members of the Management Board of the TUM-GS (voting). In accordance with Section 2, Paragraph 1 of the TUMAbwVO, the speaker of the Graduate Council or a doctoral candidate nominated by the Council is a member of the TUM Senate (non-voting) and represents the interests of doctoral candidates to the university.

If the speaker of the Graduate Council resigns from office early, a successor has to be elected for the remaining term. Until the election, the deputy takes office.

The Graduate Council ensures that the interests of doctoral candidates of the TUM-GS are represented beyond their presence on the Management Board of the TUM-GS, and that they are also involved in the development of the program.

§ 12
Scientific Council

The TUM President shall appoint the Scientific Council while taking the proposal made by the Graduate Dean into consideration. Members of the Scientific Council may be public figures from science, business and industry as well as from the public sphere domestically and abroad who are not members in a TUM-GS facility at the same time. The Scientific Council shall represent the technical diversity and the scientific focus areas of the TUM.

The Scientific Council shall consist of eight persons.

The Scientific Council shall have the following tasks in particular:

3.1. Recommendations and statements with regard to designing the training concept of the TUM-GS,
3.2. recommendations and statements with regard to the scientific and structural development of the TUM-GS,
3.3. participation in the internal evaluation of the TUM-GS,
3.4. the right to make proposals to the TUM Board of Management for external evaluations of individual graduate schools or the TUM-GS as a whole.

The Scientific Council shall elect a Chairman whose tasks shall include, among other things, communication of the proposals and resolutions of the Scientific Council to the Graduate Dean of the TUM-GS. Meetings of the Scientific Council shall take place at least once per year.

The President or a member of the TUM Board of Management commissioned by him/her as well as the Graduate Dean shall participate in the meetings of the Scientific Council.

The members of the Scientific Council shall be appointed for a period of three years. Reappointment shall be possible.
§ 13
Management Office

(1) The Management Office of the TUM-GS shall be responsible for providing cross-faculty support to doctoral candidates. The graduate centers represent the TUM Graduate School to their members, in particular in the administration of members and the confirmation of credits. The provisions of this Statute and the regulations of the graduate centers shall be considered.

(2) The Management Office of the TUM-GS is headed by a Managing Director. The Managing Director is appointed by the Graduate Dean, in consultation with the TUM Board of Management.

(3) The Management Office shall in particular be responsible for:
   3.1. Organizational processing of the tasks of the TUM-GS,
   3.2. supporting the cooperation of the graduate centers,
   3.3. supporting the Graduate Dean and Management Board as well as the Scientific Council,
   3.4. supporting the graduate centers in organizing technical meetings, conferences, workshops and symposiums,
   3.5. development and coordination of pre-doctorate programs in accordance with Section 2 Paragraph 9,
   3.6. personnel, reporting and financing,
   3.7. marketing, advertising measures and corporate design while applying the relevant TUM guidelines and including the technically competent TUM institutions,
   3.8. correspondence.

§ 14
Adoption of Resolutions, Elections, Minutes

(1) The bodies of the TUM-GS have a quorum if, after having been duly summoned, the majority of the voting members are present. Transfer of voting rights is only possible to official representatives from the same unit. If no quorum can be achieved following an invitation, the next convened meeting has quorum, independent of the number of attendees, if it was explicitly stated in the invitation. This has no effect on the provision in Section 8, Paragraph 6.

(2) Unless otherwise specified in these regulations, decisions in the bodies of the TUM-GS are made by a majority of the Yes or No votes cast (simple majority). Abstentions do not count as votes. At a parity of votes, the motion is denied. In personnel matters, the vote shall be cast by secret ballot. At the request of any member, financial matters shall be decided by secret ballot.

(4) Except for the Scientific Council the bodies of the TUM-GS may agree in their respective rules of internal procedure to the adoption of resolutions by way of circulation resolution. This shall also be possible through electronic means.

(5) Summary minutes shall be prepared for the meetings of the bodies of the TUM-GS and made available for all members of the respective body within a period of two weeks. The minutes shall be considered as approved if no objection is raised within ten days after their receipt.

§ 15
Training Program

(1) The TUM-GS shall establish – based on the Regulations for the Award of Doctoral Degrees of the TUM – uniform and binding standards for its doctoral candidates training and offer a supportive training program geared toward their aims (Section 2) and which consists of both technical and interdisciplinary elements. The technical training of the doctoral candidates takes place primarily within the scope of responsibility of the respective graduate center. As a rule, interdisciplinary training is centrally organized by the TUM-GS, but may also be delegated (in parts) to the graduate centers.

(2) In addition to the supervisor(s), a mentor supports the dissertation project and the doctoral candidate. Supervisor(s) and mentor are named in the supervision agreement. The supervisor bears the primary responsibility for the subject-specific supervision. All persons referred to in Section 10 of the Regulations for the Award of Doctoral Degrees may act as supervisors.

The mentor can give further academic support, but can also focus on advising on transferable skills and personal development as well as support for a rapid progress of the doctoral project. Mentors can be all persons with a proven track record of independent scientific work, in general as part of a doctorate.
The choice of supervisors/mentors can be changed during the course of the doctoral project for subject-related or non-subject-related reasons, by mutual agreement between all parties and the speaker of the respective graduate center.

The rights and obligations of supervisors and the supervised are governed by Section 7 as well as specifically by a supervision agreement. The supervision agreement may be updated with respect to the further development of the research question of the dissertation as well as to specific qualification elements and timeframes/milestones in agreement between supervisor and doctoral candidate as well as the respective graduate center at any time.

During the doctoral phase, each doctoral candidate needs to attend relevant faculty- or subject-specific courses or events (seminars, conferences, special lectures, summer- or winter-schools, etc.) whose focus and scope shall be determined by the graduate centers. These are based on the highest international standards. Participation in events totaling at least 6 semester credit hours, to be distributed across the entire doctorate phase, is mandatory.

During the research phase, each doctoral candidate needs to present and discuss his/her research project in the international scientific community. Usually this is done in the form of a paper or a conference contribution that are subject to peer review.

The doctoral candidate proves the achievement of (4) and (5) to his/her supervisor, who then confirms it to the managing director of the graduate center.

An essential element of the doctorate project is the active participation of doctoral candidates in the academic environment of the TUM. This participation can be achieved through

a. attendance at the TUM or a public academic research institution recognized by the graduate center, or
b. by teaching at the TUM (e.g. lectures, exercises, involvement in supervising internships and thesis work), or
c. by participating in a research group at the TUM.

External doctoral candidates prove this in a self-evaluation report to their supervisor, who confirms it to the managing director of the graduate center.

Details and any further requirements for the qualification of doctoral candidates in accordance with Paragraphs 5 to 7 are regulated by the graduate centers.

At least 4 semesters after entering the TUM-GS there needs to be a feedback session on the research project. This is based on

a. a university-public presentation at a seminar, which can be substituted with a presentation at an academic conference,

b. a written interim report by the doctoral candidate on the progress of the research work that can be replaced by a scientific paper submitted for publication, as long as it reflects the results of exhaustively,

c. an updated supervision agreement and
d. a consultation with the mentor.

In the feedback session, the supervisor and the doctoral candidate shall discuss the progress of the doctoral project and how to proceed.

A major aim of the TUM-GS is the internationalization through increased participation of their doctoral candidates in international networks. All doctoral candidates are encouraged to undertake a research period abroad of at least six weeks. The TUM-GS provides financial support up to the sum specified in Section 16. Support may be requested for:

a. One or more research stays at research institutions or research-based industrial companies abroad,

b. presentation (orally or as a poster) of their research findings at one or more international conferences abroad,

c. joint research with international guests at the TUM. These may be invited by (a group of) doctoral candidates.

Each research stay abroad funded the TUM-GS has to be documented in a written report.

Beyond the subject-specific support, the TUM-GS offers interdisciplinary qualification measures. These include:

a. a kick-off seminar of a few days for support of the doctoral project and promote build personal networks across disciplines,

b. a wide range of seminars in the areas of ethics and responsibility, innovation and risk, Entrepreneurship, systemic thinking, cultural awareness, information and com-
munication, personality and self-management, gender expertise and other fields that give doctoral candidates interdisciplinary qualifications and prepare them for a future career.

The participation in a. is mandatory for all doctoral candidates. The kick-off seminar should be attended during the first half year of the doctoral project.

The qualification measures are offered by the TUM-GS at its central and peripheral facilities, usually in collaboration with their internal and external partners, such as Carl von Linde, WIMES or UnternehmerTUM.

(10) The actual doctoral project is regulated by the TUM Regulations for the Award of Doctoral Degrees. The PhD certificate certifies membership of the TUM-GS.

(11) For each doctoral candidate, the respective graduate centers verify to the Management Office of the TUM-GS that the qualification elements Paragraphs 4 to 9 have been accomplished successfully. On delivery of the doctoral certificate, the doctoral candidate receives another certificate of the TUM-GS in which the qualifications performed during the doctoral phase are listed along the lines of a “Diploma Supplement”.

§ 16 TUM Financial Services

(1) The TUM shall be particularly committed to optimum training of its doctoral candidates. Therefore, the TUM Board of Management makes financial support available from university funding in accordance with the given budget possibilities.

To this end, the management of the TUM-GS proposes an annual budget which contains all of the relevant information and data for the budget allocations. The TUM Board of Management approves the budget within the scope of overall annual financial planning and publishes it internally within the university. The funds are allocated to the TUM-GS and are divided up into an individual share for each doctoral candidate and a community share.

(2) Individual financial support:

a. In accordance with Section 15, Paragraph 9 a., the TUM-GS covers the cost for the kick-off seminar. This includes travel and accommodation expenses, food and seminar fees.

b. Each doctoral candidate is funded the attendance of at least three interdisciplinary qualification courses to strengthen key competencies, in accordance with Section 15, Paragraph 9 b. In addition to the free courses offered at the TUM, courses subject to charges can be attended (e. g. by the Carl-von-Linde Academy, ProLehre, WIMES, UnternehmerTUM).

c. In accordance with Section 15, Paragraph 8, after a successful feedback session, each internal doctoral candidate receives an internationalization voucher for his/her international research phase. In exceptional cases, external doctoral candidates can be funded by request to the Graduate Dean, if no funding is available from a third party. In justified cases, the internationalization voucher can also be issued prior to the feedback session by proposal from the supervisor.

d. The TUM-GS provides the doctoral candidates with a professional proofreading service for English, respectively foreign language publications. It is set up for two years at first as a pilot project.

It is possible to claim individual support during the first five years of membership in the TUM-GS.

(3) The community share supports:

a. Faculty Graduate Centers and Thematic Graduate Centers with a total amount per doctoral candidate in the respective graduate center, as specified the TUM Board of Management.

b. The Management Office of the TUM-GS and the service providing central facilities of the TUM with a total amount per doctoral candidate specified by the TUM Board of Management. These essential funds specifically cover the coordination costs incurred for the TUM-GS at WIMES and the Carl-von-Linde Academy.

The allocation of funds from the community share requires the creation of a budget plan.
Central university funding is always allocated to the TUM-GS which manages these funds on behalf of the TUM Board of Management and is responsible for submitting annual accounting for its overall budget (Section 9 Paragraph 3 No. 3.1). The basis of calculation shall be the number of doctoral candidates at the annual deadline of December 31st.

§ 17
Arbitration Clause

(1) A board of arbitration shall be established at the TUM-GS for any complaints or the like on the part of a member or an organizational body against decisions of a member or an organizational body of the TUM-GS. The board of arbitration may be informally appealed to by any and all members.

(2) The board of arbitration shall consist of three members who are not members of the TUM-GS. The members of the board of arbitration shall be appointed by the TUM-GS Management Board for a respective term of three years.

(3) The board of arbitration shall make recommendations when it comes to clarification of disputed matters and may refer decisions back to the respective body for renewed consideration. The board of arbitration may also appoint the Ombudsperson of the TUM to deal with a contentious issue.

§ 18
Final Provisions and Entry into Force

(1) Any modifications or amendments to this Statutory Regulations shall require the approval of the TUM Extended Board of Management as well as of the Senate and shall be brought to the attention of the spokespersons of the Graduate Centers that comprise the TUM-GS.

(2) These Statutory Regulations shall enter into force on the day after its internal proclamation within the university.

Munich, September 1, 2013
For the Technische Universität München:

Wolfgang A. Herrmann
President