



# **New TUM Regulations for the Award of Doctoral Degrees and TUM Graduate School Statutory Regulations**

Info session: consequences for the Faculty of Medicine, 18.11.2021





## Agenda

1. Degree-awarding institutions from 01.10.2021
2. School concept
3. Overview: relevant paragraphs of the new regulations with impact on the Faculty of Medicine
4. Resources
5. Questions

Important: only **general** aspects of the new regulations covered, no program-specific aspects addressed  
→ will be content of separate info sessions



## Degree-awarding institutions

### Schools

- TUM School of Engineering and Design
- TUM School of Life Sciences
- TUM School of Management
- TUM School of Social Sciences and Technology

*from 2023: School of  
Medicine and Health*

### IRI

TUM  
Campus  
Straubing

### Departments

- Physics
- Chemistry
- Electrical & Computer Engineering
- Informatics
- Mathematics
- **Medicine**
- Sport-& Health Sciences

Dr. med.  
Dr. med. dent.  
Dr. med. sci.  
Dr. rer. nat



## School concept

- §1: Abolition of the **participation** (Medicine: Dr. rer. nat.)

old: participation of a natural sciences degree-awarding institution in the evaluation process

new: **guidelines and criteria** for awarding the doctoral degree as well as quality management in  
consultance with TUM Board of Management

→ transitional period until enactment of criteria: **decision by Dean** in consultance with BoM

- **Changing Graduate Centers**

Faculty Graduate  
Center

Graduate Center  
of another  
Institution

Subsequent  
change of  
Graduate Center

Doctoral candidates in the Faculty of Medicine may – instead of being member of the MGC – choose to become **member of another graduate center**, therefore both **consent** of faculty as well as graduate center are required. HELENA und IGSSE have been generally accepted by the Faculty of Medicine



## Regulations with impact on the Faculty of Medicine

- §3: Dr. med. (dent.)/Dr. med. sci.: successful completion of the **medical/dental examination mandatory**
- §5: „**university degree**“ from foreign countries is no longer prerequisite
- §6: **Termination of the supervisory relationship**
  - by mutual agreement
  - by the doctoral candidate and
  - **new**: unilaterally by supervisor in exceptional cases, e.g. if there are valid academic reasons, or if the relationship and trust are broken, and after a negative feedback talk and a failed mediation process

Doctoral candidates will be removed from the **doctoral candidacy** list when they fail to conclude the **annual data confirmation in DocGS** for three years in a row, applicable 3 months after the last missing data confirmation and after a hearing period

## Regulations with impact on the Faculty of Medicine

- §7: types of dissertation: monography, **publication-based** and **meda dissertation**

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 literature;
2. the dissertation must include at least two first-author papers accepted for publication (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 citation for each. In the set of copies for the members of the examining committee all original papers must be included separately.

Written scientific document



Another medium, in particular a permanently documented creative performance such as an audio- or video file

→ Faculty passes regulations regarding publication-based and media dissertations (in progress).

Temporary solution for publication-based dissertations: Appendix 6 PromO 2014 as guideline



## Excursus: qualification program (TUM GS Statutory Regulations §16)

- **Qualification Program: Discussion** of scientific findings/research project in the **international scientific community**

→ Discussion in the international scientific community requires the **acceptance** of publications or international conference papers that are subject to peer review

→ MGC Statutory Regulations will be adopted with differentiation between the doctoral programs



## Regulations with impact on the Faculty of Medicine

- §8: **no certificate of good conduct, digital submission possible**
- §9: **oral examinations should** happen within **6 months** (prompt preparation of expert opinions)
- §10: Examination Committee
  - **TUM JF** are authorized to conduct examinations for candidates supervised by them (= work in their research group)
  - Degree-awarding institution may also be represented by a **professor appointed jointly** with another degree-awarding institution of TUM or a non-university research institution
  - if a supervisor authorized to conduct examinations at the start of the dissertation project leaves before the examination committee is appointed, this supervisor may continue to serve as supervisor and thesis examiner for a period of three years from the time of his\*her leave Deviating internal regulation Faculty of Medicine: 1 year\*
  - first supervisor **should** be appointed as first examiner (no longer automatically)
  - **two external examiners possible**, if the examination committee consists of three persons





## Regulations with impact on the Faculty of Medicine

- §11/17: Grading of the dissertation
  - Passed, differentiated in
    - **Magna cum laude** (Particularly commendable scientific achievement, assessment of both the dissertation work and the oral examination with at least magna cum laude by all examiners)
    - Summa cum laude (outstanding scientific achievement in international comparison, assessment of both the dissertation work and the oral examination with summa cum laude by all examiners)
  - Not passed

Note: On the doctoral certificate there will only be shown „magna cum laude“ or „summa cum laude“, „passed“ will not be shown.



## Regulations with impact on the Faculty of Medicine

- §14/15: oral examination
  - invitation for oral examination possible via **announcement on homepage, in the intranet or via e-mail** (additional members and members of public)
  - oral examination can be conducted either in **German or English** (decision of examination board)
  - permission for **members of the public** to attend the oral examination (decision of examination board)
  - **virtual examinations** are possible (decision of examination board)

## Regulations with impact on the Faculty of Medicine

- §21: Publication – **no paper copies** needed for university library

**Electronic publication** without submission of paper copy

Publication of the electronic version of the dissertation by TUM, German National Library (DNB) as well as the Bavarian State Library

or

**Publication by publishing company:** 5 paper copies with ISBN

Archival storage of 2 copies at TUM, 2 copies at the DNB and 1 copy at the German National Library of Science and Technology in Hannover



## Regulations with impact on the Faculty of Medicine

- **§29: Final provisions**

- Application for registration on the doctoral candidacy list after October 1st, 2021 → new version of the Doctoral Regulation applies without limitation
- Application for registration on the doctoral candidacy list before September 30<sup>th</sup>, 2021 → new version of the Doctoral Regulation applies with the following limitations:
  - § 6 change of Graduate Center / removal from the doctoral candidacy list
  - § 7 publication-based dissertation
  - § 8 feedback talk (already mandatory in Faculty of Medicine)
  - § 11(2) / §15(3) / §16(1) / §17(2) grading of dissertation / oral examination / grading of certificate

**Note: Switch of PromO is only possible until submission of dissertation!**



## Old regulations

### Advantages

- discussion in the international scientific community = submitted contribution
- requirements for publication-based dissertation have been set

### Disadvantages

- no „magna cum laude“ possible
- no choice/change of Graduate Center

## New regulations

### Advantages

- choice/change of Graduate Center
- „magna cum laude“ possible

### Disadvantages

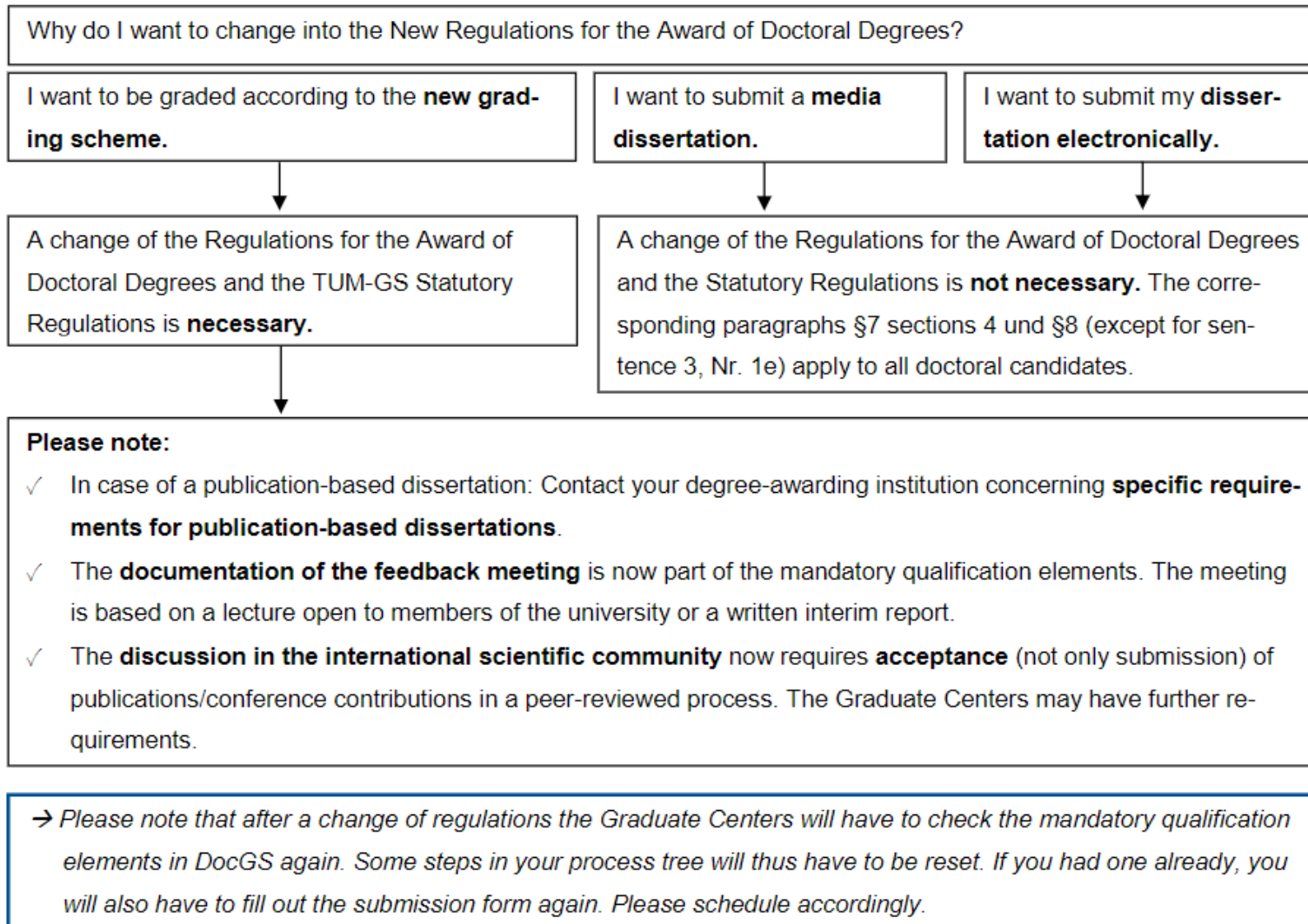
- discussion in the international scientific community = accepted contribution
- requirements for publication-based dissertation not final
- removal from candidacy list upon fail of annual data confirmation

### Not relevant

- possibly media dissertation (old and new regulations)
- electronic submission (old and new regulations)
- Feedback Talk already mandatory in MGC regulations



## Flowchart decision support (GS, see resources for complete document)





## Resources (login required)

- [https://www.mgc.med.tum.de/sites/default/files/2021-057\\_promotionsordnung\\_23.08.2021.pdf](https://www.mgc.med.tum.de/sites/default/files/2021-057_promotionsordnung_23.08.2021.pdf)
- <https://wiki.tum.de/pages/viewpage.action?pageId=916587356> → TUM-GS statements and details concerning new PromO
- <https://www.tum.de/en/studies/during-your-studies/organizing-your-studies/statutes-regulations#statute;d:PhD%2FPromotion;page:1> → Original document new PromO for download
- <https://wiki.tum.de/display/tumgs21/FAQs%3A+Umstrukturierung+der+TUM+in+Schools+und+Promotionen+%7C+The+restructuring+of+TUM+in+schools+and+doctoral+qualification> → Information on restructuring of TUM in schools and doctoral qualification
- [https://wiki.tum.de/pages/viewpage.action?pageId=916587356&preview=/916587356/950635415/Checkliste\\_Wechsel\\_Englisch.pdf](https://wiki.tum.de/pages/viewpage.action?pageId=916587356&preview=/916587356/950635415/Checkliste_Wechsel_Englisch.pdf) → Check list to support a decision for or against change of PromO



# Questions?

