



International Graduate School of Science and Engineering – IGSSSE –

Technische Universität München

TUM MATHEMATIK INFORMATIK

Setting of the research

- Work in research groups

Structures and surroundings

- Credits for conference participation/ proposals/ presentations/ posters
- Acknowledgement of paper writing

Setting the stage – the curriculum

- Compulsory part
 - Only a certain number of courses in a fixed curriculum
- Optional part
 - Tailored to the needs of the doctoral candidate
 - Foster understanding of own responsibility for career-development

Interdisciplinarity

- Development of social skills through team work in interdisciplinary project teams.

Soft skills

- Soft skills courses as an addition

Exchange & Networking

- From offering platforms to creating self-organised dialogues
- Raise awareness of the importance of networking

Mentoring

- Develop competencies – from being a mentee to becoming a mentor

The Mission of IGSSE

A new way of graduate education at TUM:

- Bridge the two cultures of science & engineering
- International exchange & networking
- Research Training Program
- Establish the basis for the future TUM Graduate School



39 Graduate Schools
 37 Clusters of Excellence
 9 Corporate Concepts



IGSSE Academic Track & Research Training



IGSSE Research Training Program

- Disciplinary training
- International training
- Scientific skills training
- Transferable skills training

IGSSE Research Training Program

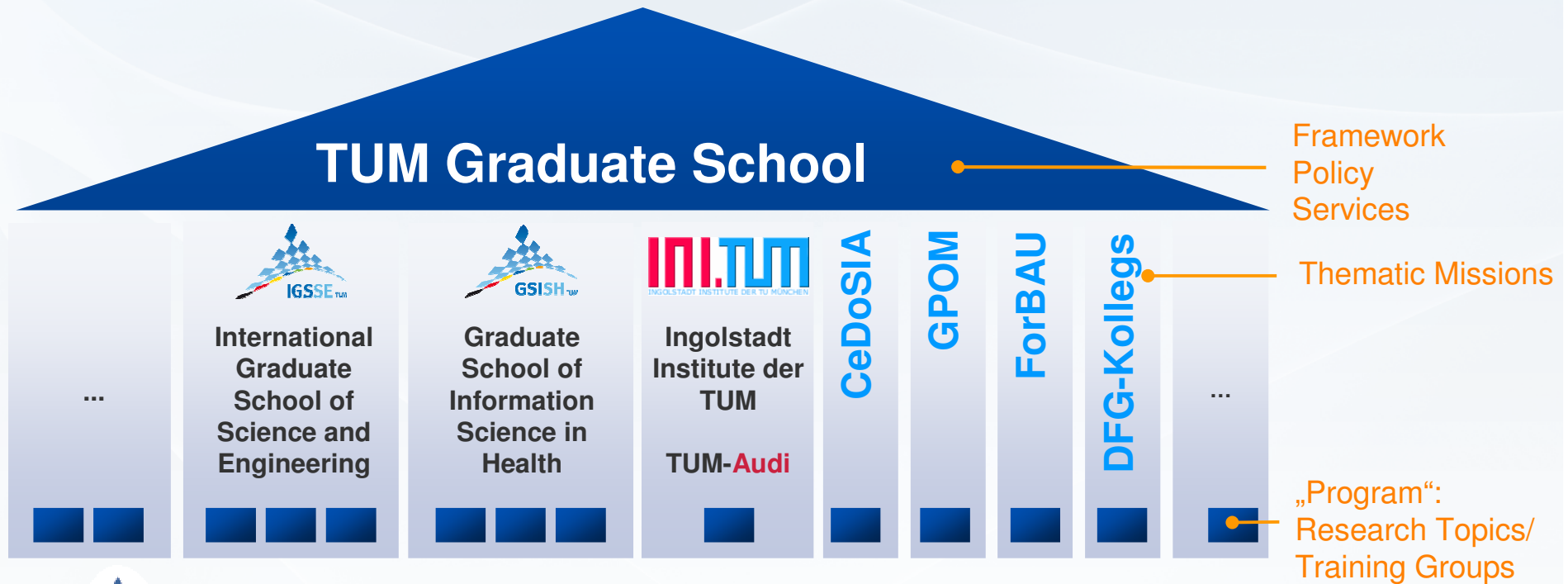
Study Performance

- **Credits** (in analogy to ECTS) awarded for the attendance of courses, seminars and exercises of the RTP modules A-D
- **Credits required:** 50 (min. 5, max. 20 per module)
- **RTP can be extended** on *PhD students' own initiative*
- **Successful participation** is certified by course instructors, supervisors/ Project Team leaders approve
- **Academic Record Sheet** to be filled in, signed by PT leader/supervisor and turned in to IGSSE office after one semester in order for credits to be recognized.



Towards the TUM Graduate School

- services to faculty, applicants, students, alumni





International Graduate School of Science and Engineering

TUM

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