

TUM - Master of Science, Information Systems

Markus Ewert

Technische Universität München

School of Computation, Information and Technology

Department of Computer Science

Decision Sciences & Systems

Munich, March 24, 2025



TUM Uhrenturm

General Program Focus and Characteristics

Standard duration of study: 4 semesters

Begin of studies: Winter or summer semester

Application period summer semester: Sep 01 – Nov 30

Application / admission: Aptitude assessment

Semester fees: 85 EUR

Tuition fees: 6000 EUR (non-EU)

Teaching language: English (some electives German)

Further information: <https://www.cit.tum.de/en/cit/studies/degree-programs/master-information-systems/>

General Program Focus and Characteristics

- **Informatics Expertise:**
One of the largest computer science departments in Germany
- **Program Quality:**
Top rankings from employers, graduates, and researchers
- **Broad Qualification Profile:**
Courses in computer science, information systems, management
- **Flexible Curriculum:**
Few required modules, many elective modules
- **Industry Cooperation:**
Research cooperations with internationally known companies

General Program Focus and Characteristics

- **Individual Support:**
International summer schools, scholarships
- **Study Abroad:**
>70 European and >100 Non-European partner universities
- **Direct Personal Support:**
Small exercise groups, study counseling, infopoint, career services
- **Family-Friendly Faculty:**
Flexible childcare, maternity / paternity leave of absence, partially online-available lectures

Career Prospects

The interdisciplinary structure of the study program, equips students with the opportunity to join diverse industries:

- (IT-) Consulting
- CTO/ CIO
- IT-Project management
- Business Intelligence
- Data Science
- Research positions
- ...

Program Structure and Flexibility

The program consists of 120 Credits:

- 21 Credits in required modules in computer science and information systems.
- 30 Credits for the Master's Thesis.
- 10 Credits in a laboratory course.
- 6 Credits in supportive electives.
- Electives:
 - **18 Credits in Management.**
 - 5 Credits in Algorithms.
 - 5 Credits in Databases and Information Systems.
 - 5 Credits in Machine Learning and Analytics.
 - 5 Credits in Information Systems.
 - 15 Credits of your choice.

Work and Study Balance / Industry Integration

- The Master in Information Systems is a full-time program.
- Many students finance their studies by working part-time.
- Munich's dense technology industry enables many co-operations with industry partners in lectures or practical courses.
- Opportunities to actively support research groups: guided research project, Master's thesis, seminars.

Scholarships and Funding

Financing a study program is a highly individual topic.
Please check the official TUM website for more information.

Admission and Application

There exists a two-step aptitude test:

1. Documents

- Completed Bachelor's Degree
- CV
- Letter of Motivation
- Essay (on a given topic)
- Proof of English Language Proficiency (English Bachelor's Thesis, if applicable. Check the TUM website.)
- If applicable, GRE or GATE Test (e.g., with Bachelor's degree from China, India, or Iran)
- **Check whether your previous studies taught the same competencies as the TUM modules stated in the FPSO.**
- **It is not possible to hand in documents after the submission deadline.**

2. Interview with a Professor

Your Motivation, Your Self-Assessment for Aptitude, Your Professional Expertise, Your Communication

Questions?