What is MCTS?

We are building a new center in the field of Science & Technology Research – the Munich Center for Technology in Society (MCTS)!

TechnoScienceStudies

Research and innovation create a steady stream of new technologies that enter societies which are already highly technologized. For this reason, we at the MCTS focus on investigating the contemporary technosciences (e.g. the life sciences and engineering) and their interactions with societies that can increasingly be described as TechnoSocieties.

Integrative Research

To achieve this goal, our interdisciplinary collaborations bring together social scientists, historians, philosophers, life scientists and engineers. Research at the MCTS focuses on well-established fields at TUM such as energy, robotics, or mobility as well as on large-scale issues related to risk, non-knowledge or digitalization.

Outreach & Learning Opportunities

MCTS research groups create opportunities for dialogue with stakeholders (MCTS Forum). The MCTS also offers PhD programs (Graduate Center), e.g. for graduates with a Master’s in STS, courses that are open to TUM students from all disciplines (Carl von Linde-Akademie), and pedagogical training for all members of the TUM community (ProLehre).

At a glance

Program Start
Winter semester (October)*

Program Duration
Four semesters (two years)

120 Credits (ECTS-system)

Semester Fees
114.50 Euros

Application Deadline
31 July (extended deadline only in 2016)

Please email us to find out when the application process will start.*

Location
Munich

Homepage
www.mcts.tum.de

Contact

Technical University Munich
Augustenstr. 46, 80333 München

MCTS
Prof. Dr. Sabine Maasen

Student advice and counseling: Dr. Michael Droß
sts@mcts.tum.de

* Applications for the new Master’s program will be accepted once the program has been approved for start by the Ministry of Education.
Science and Technology Studies

From bio-technology to energy transitions, automated mobility to data security, the big challenges facing societies today are inseparably scientific, technical and social. The Master’s program in Science and Technology Studies (STS) will teach you how to reflexively research, develop problem-solving skills and critically intervene in the big socio-technical issues of our time.

In the Master’s program you will learn

- Empirical research methods and analytical skills to study the conditions and consequences of contemporary science and technology
- Interdisciplinary approaches to urgent questions about regulation, responsibility and the sustainability of science and technology

What will your studies look like?

In the first semester you will take introductory courses, e.g. in the form of an STS lecture series and an introduction to social science methods.

In the second semester you can choose between different thematic modules. Furthermore, you will develop reflexive perspectives on STEM disciplines (science, technology, engineering and mathematics) and deepen your methodological skills.

- More elective modules are offered in the third semester. Additionally, you will engage with typical professional fields for STS graduates and prepare for the Master’s thesis on a topic of your choice.
- As part of the STS Master’s program, we offer specializations in Philosophy of Science and Technology or History of Science and Technology.
- The Master’s program focuses on key topics in contemporary STS.*

Objectives of the Master’s program?

The STS Master’s program is research-oriented. You will be trained for future academic research (such as a PhD) and teaching, as well as for careers in science and technology management, science communication and journalism, and in funding agencies.

* Key Topics include: Biomedicine & Health, Co-construction of Technology & Users, Epistemology & Ontology, Ethics & Responsibility, Gender & Diversity, Industries & Innovation, Infrastructures & Design, Knowledge Cultures & Institutions, Media & Digital Cultures, Nature Cultures & Sustainability, Politics & Governance, Publics & Participation, Risk & Security

Who can apply?

All applicants are required to have a six-semester Bachelor’s degree in Social Sciences, Mathematics, Computer Science, Natural Sciences, Technology, Life Sciences or Medicine.

Specific requirements in theories and methods in social sciences may be met parallel to the Master’s program.

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<tr>
<th>1 Introduction</th>
<th>30 Credits / 18 SWS</th>
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<td>Introductory seminars with respect to the key topics* Lecture Series &amp; Academic Skills Methods</td>
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<th>2 Key Issues</th>
<th>30 Credits / 10.5 SWS</th>
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<td>3 elective modules, each covering one of the key topics* Attend courses in STEM fields with individual tutoring Methods</td>
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<th>3 Advanced Studies</th>
<th>30 Credits / 9.5 SWS</th>
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<td>3 elective modules, each covering one of the key topics* Visits to typical professional fields Gain initial experiences with independent research</td>
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<th>4 Thesis</th>
<th>30 Credits / 1 SWS</th>
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<td>Master’s thesis with colloquium</td>
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