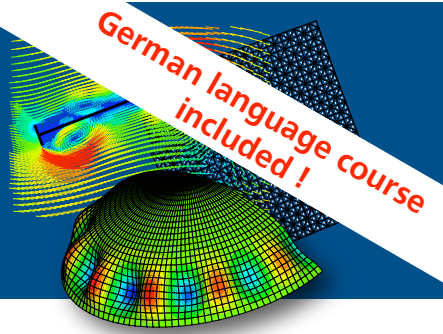


Computational Sciences in Engineering

The international, interdisciplinary,
and bilingual Master's Programme CSE

**German language course
included !**



Academic degree

Master of Science

Beginning of Study

October, each year

Duration of Study

4 terms (2 years)

Practical Training in German Industry

Student projects combined with industrial internships can be organized

Terms Abroad

External study achievements can be accepted

Languages of Instruction

English and German

Application and Enrolment

The application period for the following winter term starts in the middle of December and ends 15th of February

An online application form is available at:

www.tu-braunschweig.de/cse

Admission Requirements

A qualified bachelor's degree (4 years) or an equivalent degree in engineering, natural sciences, mathematics, or computer science from a university

Study Fees

500€ tuition fee and about 200€ administration fee per term

includes the Lower-Saxony train ticket and the ticket for public transportation

Various Areas of Specialization

- Aerospace Engineering
- Applied Computer Science
- Applied Physics
- Automotive Engineering
- Civil and Environmental Engineering
- Electrical and Computer Engineering
- General Engineering
- Material Science
- Mathematics
- Mechanical Engineering
- Process Engineering
- Theoretical and Applied Mechanics

www.tu-braunschweig.de/cse

Contact

TU Braunschweig
CSE Programme
Beethovenstraße 51
38106 Braunschweig

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fax: +49 (0) 531 / 391 - 2242
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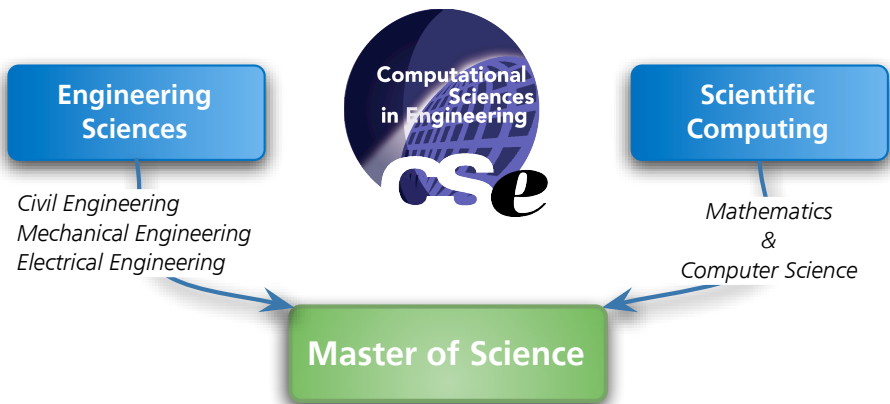
Improve Your Skills!

The M.Sc. programme CSE offers motivated graduates the opportunity to advanced studies of engineering or natural sciences in combination with scientific computing and information processing in a bilingual, interdisciplinary, and international environment.

The programme aims at providing an in-depth training for students enthusiastic about profiting from the potential of engineering and

numerical simulation techniques and who wish to acquire a qualification in both disciplines.

The students are introduced to the theory and implementation of modern simulation methods using high performance computers. They are trained in the use of software tools for both parallel and vector computers and the application of modern hard- and software to perform demanding research in industry and academia.



Attractive Career Prospects

The M.Sc. degree enables the graduates to solve problems in computer-based engineering and to work independently in executive positions in technical industry or research.

Because of their interdisciplinary abilities, the graduates are also able to work in project management.

The M.Sc. degree further enables the graduates to pursue doctoral studies.

Outline of Study

1st term	Compulsory Courses
2nd term	Elective Courses
3rd term	In-Depth Courses and Student Project
4th term	Master's Thesis

Contributing Faculties

- Mathematics and Computer Science
- Architecture, Civil Engineering, and Environmental Sciences
- Mechanical Engineering
- Electrical Engineering, Information Technology, and Physics