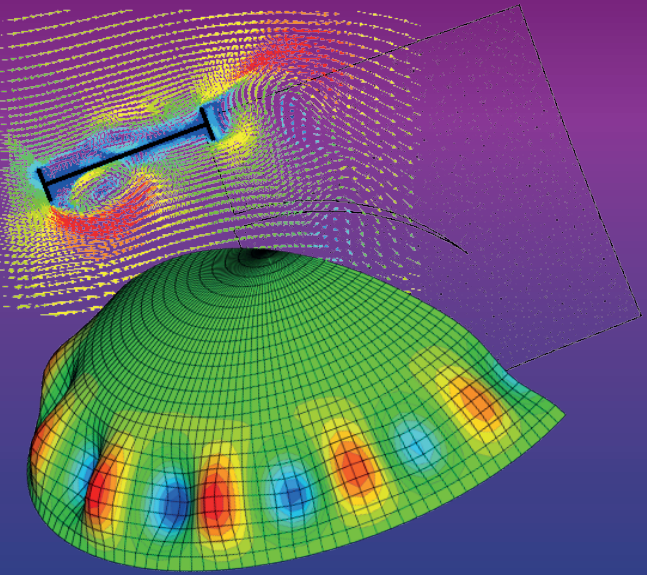
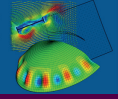




Technische
Universität
Braunschweig

CSE



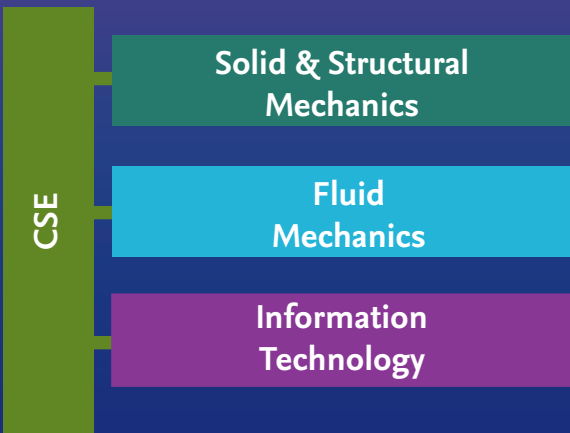
Computational Science in Engineering (M.Sc.)

International & Interdisciplinary

What is Computational Sciences in Engineering?

- Interdisciplinary, research oriented and international Master's degree programme with career qualification modules
- Combination of engineering sciences, mathematics and applied computer sciences
- Solving subject-specific problems regarding physical modelling, mathematical description as well as numerical simulation
- Performing and evaluating complex numerical analyses of engineering processes

Engineering tracks of Study



Possible Careers

Berechnungsingenieur

Production Manager

International Trainee

PHD Researcher

Design Engineer

Softwareentwickler

Computational Scientist

Senior Structural Engineer

Simulation Engineer

Automotive Professional

FE Analyst

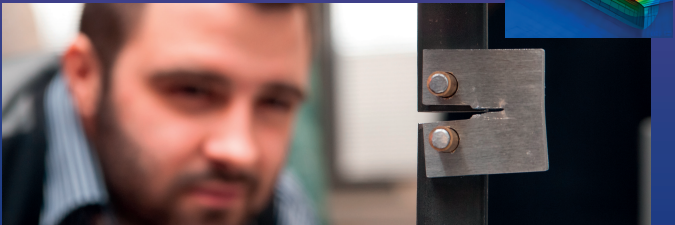
Aeroacoustics Application Engineer

Embedded Software Developer

Development Engineer

Scientific Assistant

„How to make mathematics, computational sciences and different disciplines work with each other? As a CSE engineer you will develop a perspective of solving and problem numerically, looking at applications in engineering, medicine, chemistry and physics.“



Quick Facts

Degree: Master of Science (M.Sc.)

Duration: 4 semester

Start: Winter semester

Language: English

Application Periods:

Jan 1 - March 15 (Non EU)

Jun 1 - Jul 15 (EU citizens)

Fit4TU Self Assessment tool for prospective students - compare your expectations of CSE with the actual programme!

- ✓ Find out if your current skill set and knowledge are a good fit for CSE!
- ✓ Get more in-depth information about CSE!
- ✓ Assess yourself and gain a better understanding of your strengths!
- ✓ Use the personalized feedback to decide if CSE is the right fit for you!

CSE is great because...

...it is a perfect mixture of Engineering Sciences (Mechanical, Electrical, Civil), Computer Sciences and Mathematics.

...it offers a huge variety of courses.

...of the nice atmosphere in between students, seniors and staff.



Contact Information

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CSE
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Germany

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