Info Session for M.Sc. Program

Computer Science

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Speakers

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Agenda

The University of Stuttgart and the M.Sc. Computer Science – an Introduction

Support for International Students at the University of Stuttgart

From a Student’s Point of View

Q&A
Why coming to the German Southwest?

STUTTGART
• High quality of academia and research
• Strong economic region with numerous global players and hidden champions (sme‘s)
• Close link to industry (one of the highest Industry investment in R&D in Europe)
• 11% of population of Baden-Württemberg is international
• High standard of living (cultural offers, outdoor activities, safety…)

➢ Find out more about our region…”
Why the University of Stuttgart is an excellent choice!
University of Stuttgart

• The “Stuttgart Way”: Technology-oriented – Globally connected – Interdisciplinary – Innovative

• Around 21,000 students (5,300 internationals)

• 10 faculties

• More than 500 partner universities worldwide

• Alliance of German Universities of Technology (TU9)

• Cooperation with a large number of external research institutions & industry partners

• Awards & Rankings
Awards & Rankings

- Top 200 Universities Worldwide (THE Reputation Ranking)
- World-renowned disciplines: top 125 engineering, top 175 computer, top 175 life, top 300 humanities, top 400 natural sciences (THE Ranking)
- 4 study programs in top 150 universities worldwide (Shanghai Ranking -GRAS)
- Very good results in the CHE Master Ranking, U-Multirank and QS World University Ranking
Leisure activities and opportunities for students to get involved...
Introduction to the M.Sc. Computer Science
## Structure M.Sc. Computer Science

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<th>Core</th>
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**Legend**

6 ECTS typically are 3L + 1E or 2L + 2E. 3 ECTS typically are 2L or 2HS
Profiles in M.Sc. Computer Science

- Autonomous Systems in Computer Science (AUT)
  - combines courses in machine learning, artificial intelligence, decision making and robotics with sensors & actuators, hardware & software systems as well as parallel and distributed computing resources

- Service Technology and Engineering (STE)
  - provides the scientific and technological foundations of services
  - trains people in the design and maintenance of service-oriented platforms and solutions
  - targets application domains such as mobility, communication, and product & production design.

- Visual Computing (VC)
  - covers the entire visual computing pipeline
  - various lectures in the field of video processing, computer graphics, visualization, human machine interaction, and optimization
Computer Science Department

- Founded in 1970, we now belong to the Faculty 5 of Computer Science, Electrical Engineering and Information Technology

- **30 Professors + 4 Junior Professors** work in 9 institutes covering all research areas in the field of Computer Science

- We are a **partner in the Excellence Cluster of Simulation Technology**, in the **Graduate School advanced Manufacturing Engineering** and in several research networks of the university.

- **Cooperations** with non-university research institutions, neighboring universities as well as industrial cooperation characterize our profile.
Vielen Dank! Thank you!

Dr. Katrin Schneider, Program Manager M.Sc. Computer Science

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Challenges and opportunities of University Studies

- High degree of self-reliance
- Large range of electives
- Early integration in research
- Studies abroad

...and many more
Support for international students at the University of Stuttgart
We are here to help you!

INTERNATIONAL OFFICE

• Central point of contact for international students

  Offers a wide range of services and support for international students, e.g.:

**Before arrival**

• Helpful information such as Checklists, How to-Videos, Presentations, etc.

• (Online) Pre-departure sessions

• Online Introductory Course “Get your studies off to a perfect start” with tips & tricks for new international students

**After arrival**

• Buddy Program “ready.study.stuttgart” (arrival support)

• Orientation Program

• Intercultural Mentoring Program

INTERNATIONAL SERVICE POINT F05

• First point of contact for (prospective) international students interested in / enrolled at Faculty 5: Computer Science, Electrical Engineering & Information Technology

• Events & networking activities – in close cooperation with the International Office, Student representatives, etc.

• Stay informed! Important news on the ISP-website & LinkedIn (e.g. on events, German language courses, etc.) and mailings
Extensive support for international students at Faculty 5

Personal counseling & support before, during and after your studies by the International Service Point (ISP) of Faculty 5

Guaranteed spots for study-related German language courses (DaF, German as foreign language) for enrolled international students *(for free!)*

Social activities such as semester opening, international days, career planning workshops, buddy/mentoring programs, company visits, welcome packages, and much more!
Computer Science Student Association FIUS

- **Association** of students studying at the Dept. of Computer Science at the Faculty 5.

- Tasks:
  - Representing student interests in university bodies, e.g. study commission, Faculty Council
  - Info-point for questions and support, e.g. providing exams and thesis examples of past terms; beginner’s Java course, locker rental
  - Organization of events, e.g. freshmen weekend, games and barbecue evenings
  - **Support program for new international CS students**

- Great opportunity to meet other (German) students

Website student representatives of the department of computer science (FIUS)
Upcoming events for M.Sc. Computer Science

Pre-Departure Session (organized by the university's International Office)
→ February 2024 - for students starting their studies in April, 2024
→ Information will be published on IO's website → registration

Guidance on Formalities (organized by the university's International Office)
→ Info-session every two weeks, March/April 2024 → Registration

Orientation events for first-semester students, e.g. Living & Studying in Stuttgart for Newbies
→ week before lecture start (April 8, 2024) → more information

Open Virtual Q&A Session (organized by International Service Point Faculty 5)
→ March 13, 2024, 11:00am-12:00 → Meeting room: https://unistuttgart.webex.com/meet/meta.geisbuesch
→ For newly enrolled students of English-conducted Master's programs of Faculty 5

Introductory Lecture for M.Sc. CS (online)
→ April 2024, to be confirmed
From a student’s point of view

Monika from India
3rd semester
Vielen Dank!

Thank you!

International Service Point (ISP) | Faculty 5

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