Info Session for M.Sc. Program

Computer Science

March 27, 2024
Agenda

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

Support for Our International Students

From a Student’s Point of View: Mayukh Mitra

Q&A
Why should you come 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
• 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: Technologically oriented – Interdisciplinary – Innovative
- Alliance of German Universities of Technology (TU9)
- Around 21,000 students (5,300 internationals)
- 10 faculties
- More than 500 partner universities worldwide
- Cooperation with a large number of external research institutions & industry partners
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>
<th>Extended</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.
Challenges and opportunities of University Studies

High degree of self-reliance

Large range of electives

Early integration in research

Studies abroad

...and many more
Vielen Dank! Thank you!

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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 monthly mailing for enrolled students**
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

Introductory Lecture for M.Sc. Computer Science
 → End of Sept/beginning of October 2024 – *to be confirmed*

Orientation events (online) - organized by the university's International Office:

- **Pre-Departure Session & Get-Together**
- **Information Sessions “Guidance on Formalities“**
- **Studying & Living in Stuttgart for Newbies**
  → When? September *tbc* → dates will be announced during summer on the website below
  → Remember to register!
- **Information Session “Study Financing”**
  → When? Nov./Dec. *tbc*

Information on these events and further pre-departure related support: [https://www.student.uni-stuttgart.de/en/startingout/international/orientation-days/](https://www.student.uni-stuttgart.de/en/startingout/international/orientation-days/)
Vielen Dank!

Thank you!

International Service Point (ISP) | Faculty 5

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