Speakers

Meta Geisbüsch LL.M.

Coordinator International Service Point (ISP) of Faculty 5

Dr. Katrin Schneider

Program Manager M.Sc. Computer Science, Department Manager & Erasmus Coordinator of the Computer Science Department

Dr. Stefanie Anstein

Student Advisor M.Sc. Computer Science

Aditya Kapoor

Student M.Sc. Computer Science

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: Aditya from India

Q&A

Why should you come to Stuttgart?

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…)

DAIMLER   MAHLE

BOSCH   VECTOR >

NOKIA   SONY

Valeo   PORSCHE   IBM

Fraunhofer   MAX-PLANCK-GESELLSCHAFT

➢ Find out more about our region…

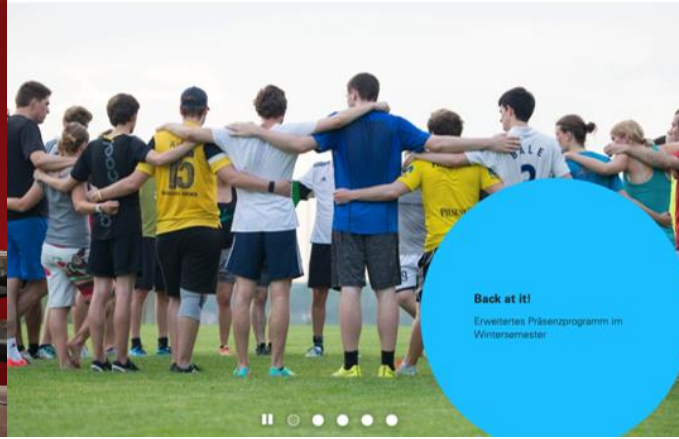# Why the University of Stuttgart is an excellent choice!

At a glance

- One of the leading technical universities in Germany and worldwide (member of TU9 alliance)

- Among the TOP 3 universities in Germany for third-party funding per professorship

- ~21.000 students at 10 faculties (~ 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 science*, 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

Term	Compulsory		Breadth		Core				Extended		Sum
1	Theoretical and Methodological Foundations (Profile)	6	Catalog Breadth (Profile)	6	Core (Profile)	6	Core (Profile)	6	Catalog Extended (Profile)	6	30
2	Seminar	3	Catalog Breadth (Profile)	6	Core (Profile)	6	Core (Profile)	6	Catalog Extended (Profile)	6	30
2	Key Qualifications (SQ)	3									
3	Options: Elective Catalog, Research Project, Lab course(s) / Practical course(s), Studies Abroad									30	30
4	Master Thesis									30	30

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.

Die Informatik an der Universität Stuttgart

Challenges and opportunities of University Studies

High degree of self-reliance

Studies abroad

Large range of electives

Early integration in research

…and many more

Vielen Dank!   Thank you!

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

E-Mail   katrin.schneider@informatik.uni-stuttgart.de

Website   https://www.f05.uni-stuttgart.de/en/faculty/contactpersons/Schneider-00001/

University of Stuttgart
Universitätsstr. 38
70569 Stuttgart

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.:

- Overview: Step-by-step from acceptance letter to your first lecture

- Pre-departure information

- Orientation and information offers for new international students (e.g. online info sessions, guidance on formalities, Welcome Day)

- Support programs for international students:
  - Buddy Program "ready.study.stuttgart" (arrival support)
  - Intercultural Mentoring
  - Peer Mentoring

INTERNATIONAL SERVICE POINT - FACULTY 5

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 Faculty 5 international 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
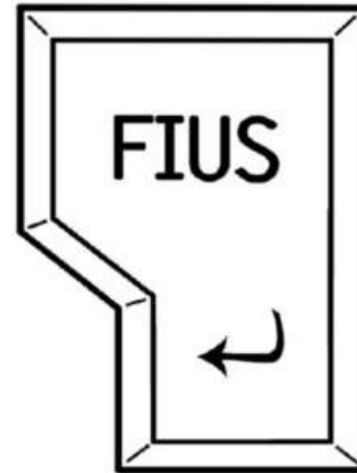

Guaranteed spots for study-related German language courses (DaF, German as foreign language) for enrolled international students *(for free!)*

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. (online)

➢ March/April 2025 - Webex

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

➢ *Register for each event here: https://www.student.uni-stuttgart.de/en/startingout/international/orientation-days/registration/* (information on these events should be published in the beginning of next year)

- **Pre-Departure Session & Get-Together**
- **Living in Stuttgart for Newbies** (topics of everyday-life in Germany, e.g. health care system, housing rules)**:**
- **Studying in Stuttgart for Newbies** (basics of academic life in Stuttgart, e.g. course registration)
- **Guidance on Formalities** – Information Sessions (e.g. enrollment, residence registration)

Information on these events and further pre-departure related support:
https://www.student.uni-stuttgart.de/en/startingout/international/orientation-days/

From a student's point of view

Aditya from India