University of Stuttgart
Germany

Study Programs 2025/2026

Visionary thinking for the topics of the future

The University of Stuttgart
Study Programs

3 **The University of Stuttgart**

4 **Bachelor's Programs – an Overview**

6 **Master's Programs – an Overview**

9 **International Master's Programs**

13 **International Master's Programs taught in English**
14 Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE)
15 Chemical Sciences
16 Computational Linguistics
17 Computational Mechanics of Materials and Structures (COMMAS)
18 Computer Science
19 Electrical Engineering
20 Engineering Cybernetics
21 Geomatics for Environmental Monitoring (GEM)
22 Information Technology (INFOTECH)
23 Infrastructure Planning (MIP)
24 Integrated Urbanism and Sustainable Design (IUSD)
25 Integrative Technologies and Architectural Design Research (ITECH)
26 Materials Science
27 PHYSICS
28 Water Resources Engineering and Management (WAREM)

30 **Application and Language Skills**

33 **International Office and Special Programs**

35 **Studying for a Doctoral Degree**

37 **General Information**

41 **Your Career in the Stuttgart Region**

43 **The City and the Region of Stuttgart**

The University of Stuttgart

The University of Stuttgart is one of the leading technically oriented universities in Germany with global significance. Located centrally in an economically strong region with vast cultural integration, the University sees itself as a hub of university-based, non-university and industrial research.

Furthermore, it takes a role as a guarantor of research-based teaching, focused on quality and holism. The University is dedicated to researching and strengthening the interfaces between technology, society and culture in an interdisciplinary manner, defined as the Stuttgart Way. This means an interdisciplinary integration of engineering, natural sciences, humanities and social sciences based on the fundamentals of cutting-edge research at a disciplinary level.

The strong third party research funding received by the University of Stuttgart leads to outstanding conditions for research and teaching. Here researchers work with the most modern equipment on large, future-oriented projects. Students also profit from state-of-the-art equipment and technology.

Bachelor's Programs – an Overview

Engineering Sciences
- Aerospace Engineering B.Sc.
- Architecture and Urban Planning B.Sc.
- Artificial Intelligence and Data Science B.Sc
- Automotive Engineering B.Sc.
- Chemical- and Bio-Engineering B.Sc.
- Civil Engineering B.A. (minor subject)
- Civil Engineering B.Sc.
- Computational Linguistics B.A. (minor subject)
- Computational Linguistics B.Sc.
- Computer Science B.A. (minor subject)
- Computer Science B.Sc.
- Electrical Engineering and Information Technology B.Sc.
- Engineering Cybernetics B.Sc.
- Environmental Engineering B.Sc.
- Geodesy and Geoinformatics Engineering B.Sc.
- Mechanical Engineering B.Sc.
- Mechatronics B.Sc.
- Media Computer Science B.Sc.
- Medical Engineering B.Sc.
- Process Engineering B.Sc.
- Real Estate Engineering and Management B.Sc.
- Renewable Energy Engineering B.Sc.
- Simulation Technology B.Sc.
- Software Engineering B.Sc.
- Technology Management B.Sc.
- Transport Engineering B.Sc.

Natural Sciences and Mathematics
- Biochemistry B.Sc.
- Chemistry B.A. (minor subject)
- Chemistry B.Sc.
- Food Chemistry B.Sc.
- Materials Science B.Sc.
- Mathematics B.A. (minor subject)
- Mathematics B.Sc.
- Movement Science B.Sc.
- Physics B.A. (minor subject)
- Physics B.Sc.
- Technical Biology B.Sc.

Languages and Cultural Sciences
- Art History B.A. (major subject, minor subject)
- English B.A. (major subject, minor subject)
- German B.A. (major subject, minor subject)
- History B.A. (major subject, minor subject)
- History of Natural Sciences and Technology B.A. (major subject, minor subject)
- Linguistics B.A. (major subject, minor subject)
- Linguistics B.A. (one-subject)
- Philosophy B.A. (minor subject)
- Philosophy B.A. (one-subject)
- Romance Studies B.A. (major subject, minor subject)
- Romance Studies B.A. (one-subject)

Business and Social Sciences

- Business Administration B.A. (minor subject)
- Business Administration, technically oriented B.Sc.
- Economics B.A. (minor subject)
- Information Systems B.Sc.
- Political Sciences B.A. (minor subject)
- Social Sciences B.A. **German-French**
- Social Sciences B.A. (one-subject)
- Sociology B.A. (minor subject)
- Sport Sciences B.A. (minor subject)
- Sport Science: Sociology and Economics B.A.
- Vocational Education B.A. (major subject, minor subject)

All programs are taught in German unless otherwise stated.

www.uni-stuttgart.de/en/study

Master's Programs – an Overview

Engineering

- Aerospace Engineering M.Sc.
- Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE) M.Sc. **in English**
- Architecture and Urban Planning M.Sc.
- Artificial Intelligence and Data Science M.Sc.
- Automotive Engineering M.Sc.
- Autonomous Systems M.Sc.
- Chemical- and Bio-Engineering M.Sc.
- Civil Engineering M.Sc.
- Computational Linguistics M.Sc. **in English**
- Computational Mechanics of Materials and Structures (COMMAS) M.Sc. **in English**
- Computer Science M.Sc.
- Computer Science M.Sc. **in English**
- Electrical Engineering M.Sc. **in English**
- Electrical Engineering and Information Technology M.Sc.
- Electromobility M.Sc.
- Energy Engineering M.Sc.
- Engineering Cybernetics M.Sc. **in English**
- Environmental Engineering M.Sc.
- Geodesy and Geoinformatics Engineering M.Sc.
- Geomatics for Environmental Monitoring (GEM) M.Sc. **in English**
- Information Technology (INFOTECH) M.Sc. **in English**
- Infrastructure Planning (MIP) M.Sc. **in English**
- Integrated Urbanism and Sustainable Design (IUSD) M.Sc. **in English**
- Integrative Technologies and Architectural Design Research (ITECH) M.Sc. **in English**
- Maschinenbau / Mechanical Engineering M.Sc. Georgia Tech. **mainly in English, partly in German**
- Mechanical Engineering M.Sc.
- Mechanical Engineering/Materials and Production Engineering M.Sc.
- Mechanical Engineering/Micro Engineering, Apparatus Technology and Technical Optics M.Sc.
- Mechanical Engineering/Product Development and Design M.Sc.
- Mechatronics M.Sc.
- Medical Engineering M.Sc.
- Movement Science and Biomechanics M.Sc.
- Photonic Engineering M.Sc.
- Real Estate Engineering and Management M.Sc.
- Simulation Technology M.Sc.
- Software Engineering M.Sc.
- Sustainable Electrical Power Supply M.Sc.
- Technical Education M.Sc.
- Technology Management M.Sc.
- Transport Engineering M.Sc.
- Water Resources Engineering and Management (WAREM) M.Sc. **in English**

Natural Sciences and Mathematics

- Chemical Sciences M.Sc. **in English**
- Chemistry M.Sc.
- Food Chemistry M.Sc.
- Materials Science M.Sc. **in English**
- Mathematics M.Sc.
- Movement Science and Biomechanics M.Sc.
- Physics M.Sc.
- PHYSICS M.Sc. **in English**
- Simulation Technology M.Sc.
- Technical Biology M.Sc.

Languages and Cultural Sciences

- Art History M.A.
- Computational Linguistics M.Sc. **in English**
- Cultures of Knowledge M.A.
- Digital Humanities M.A.
- English and American Studies / English Linguistics M.A. **in English**
- German Literature M.A.
- History – Sources and Interpretations M.A.
- Philosophy M.A.
- Romance Studies / Digital Humanities M.A.
- Theoretical and Comparative Linguistics M.A.

Business and Social Sciences

- Business Administration M.Sc.
- Business Administration, technically oriented, economics M.Sc.
- Empirical Political and Social Research M.A.
- Empirical Political and Social Research M.A. **German-French**
- Information Systems M.Sc.
- Public Planning and Participation M.Sc.
- Sport Science: Sociology and Economics M.A.
- Vocational Education and Human Resources Development M.A.

All programs are taught in German unless otherwise stated.

www.uni-stuttgart.de/en/study

International Master's Programs
Languages and Double Master's

Languages
All international Master's programs are taught – to different extents – in international languages:
We distinguish between:

a) programs that can be studied completely in English (knowledge of the German language may give students the possibility to choose among a broader range of subjects)
b) programs that are taught mainly in English and partly in German, requiring a good command of the German language (minimum C1, see page 30) and
c) programs that are taught in French and German.

Double Master's Programs (DM)
Students pursuing a DM will study in Stuttgart for two semesters and an additional two at a partner university. However, there is a difference between DM options on the one hand, and DM study courses on the other.

DM Options
Most Double Master's programs at the University of Stuttgart are offered as an option within a single degree Master's program. This means that, once students are admitted to the single degree Master's program, they can apply for the Double Master's option.

DM Study Courses
Contrarily, some Master's programs are exclusively offered as Double Master's study courses. For those, students apply directly.
After graduation, students receive one Master's transcript and one certificate from each university. The Joint Master's program Maschinenbau/Mechanical Engineering is an exception. Here, students receive only one Joint Master's transcript and certificate for the whole study program.

For the DM Options, please see:
uni-stuttgart.de/doppelabschluesse

International Master's Programs –
Classified by Language

MASTER'S PROGRAMS TAUGHT IN ENGLISH

Single Degree/Regular

- ☆ Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE)
- Chemical Sciences
- ☆ Computational Linguistics
- ☆ Computer Science
- ☆ Computational Mechanics of Materials and Structures (COMMAS)
- ☆ Electrical Engineering
- Engineering Cybernetics
- ☆ Geomatics for Environmental Monitoring (GEM)
- ☆ Information Technology (INFOTECH)
- ☆ Infrastructure Planning (MIP)
- ☆ Integrated Urbanism and Sustainable Design (IUSD)
- ☆ Integrative Technologies and Architectural Design Research (ITECH)
- Materials Science
- ☆ PHYSICS
- ☆ Water Resources Engineering and Management (WAREM)

Double Master's (DM)

- Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE)
  DM option within the Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE) program
- ☆ Computational Mechanics of Materials and Structures (COMMAS)
  DM option within the Computational Mechanics of Materials and Structures (COMMAS) program
- Electrical Engineering
  DM option within the Electrical Engineering program
- Engineering Cybernetics
  DM option within the Mechatronics program
- ☆ Integrated Urbanism and Sustainable Design
  DM study course
- Materials Science
  DM option within the Materials Science program

- Water Resources Engineering and Management (WAREM)
  DM option within the Water Resources Engineering and Management (WAREM) program

💬 MASTER'S PROGRAMS TAUGHT MAINLY IN ENGLISH

Double Master's (DM) and Joint Master's

- Automotive and Engine Technology
  DM option within the Automotive and Engine Technology program
- Business Administration
  DM option within the Business Administration program
- Chemistry
  DM option within the Chemistry program
- Energy Technology
  DM option within the Energy Engineering program
- Maschinenbau/Mechanical Engineering
  Joint Master's
- Mathematics
  DM option within the Mathematics program
- Mechanical Engineering
  DM option within the Mechanical Engineering program
- Mechatronics
  DM option within the Mechatronics program

💬 MASTER'S PROGRAMS IN GERMAN-FRENCH

Double Master's (DM)

- Chemistry
  DM option within the Chemistry program
- Electrical Engineering and Information Technology
  DM option within the Electrical Engineering and Information Technology program
- Empirical Political and Social Research
  DM study course

☆ With special services for international students, see page 15

💬 German language skills are required, see page 30

Fascination for the sciences

International Master's Programs taught in English

Each of the Master's Programs described on the following pages can be studied in English. However, we would like to mention one distinction:

Programs marked with an asterisk ⍟ are specially designed for international students. This means that – in addition to the general services offered by the International Office – these courses offer specific support and/or leisure activities to their students. Depending on the course, this might include: own buddy programs, alumni events with talks and/or joint meals, newsletters, excursions, and, in some cases, assistance in finding an industrial internship.

Check out our videos on the English speaking Master's programs on YouTube

Air Quality Control, Solid Waste and Waste Water Process Engineering (WASTE)

Check out the video

Course Manager:
Lu Chen

Tel +49 711 685 68936
info@waste.uni-stuttgart.de
www.waste.uni-stuttgart.de

Start: Winter semester
Application deadline: Feb. 15
Group size: 35–40
Offered since: 2002

The M.Sc. WASTE caters to international students with a background in Chemical, Civil, Environmental, Mechanical or Process Engineering whose goal it is to work for internationally operating companies, universities or research institutes within both, Germany and their hometowns. The program educates students to engineer creative solutions to environmental challenges in the fields of Air Quality Control, Solid Waste and Waste Water Process Engineering.

The theoretical background is enhanced with practical experience and excursions to companies/municipal facilities (e.g., waste incineration plants, landfills and sewage treatment plants), offering students permanent insights into the everyday work of an environmental engineer. Furthermore, students can take part in the Double Master's program – MAUI at the Universidade Federal do Paraná (UFPR), Brazil.

Chemical Sciences

Program Coordinator:
Dr. Karina Schulz

Tel +49 711 685 64502
karina.schulz@f03.uni-stuttgart.de
Scan here to go to website:

Start: Winter semester
Application deadline: July 15
Group size: 20–30
Offered since: 2024

Chemical Sciences is a two-year Master's program designed for international graduates with a background in chemistry and related fields. The program aims to strengthen students' conceptual and analytical skills in areas such as energy conversion and storage, catalysis and sustainable chemical production, synthetic biology or adaptive materials while introducing them to the targeted execution of research projects.

The curriculum comprises compulsory lectures and practical lab-training, along with a wide range of elective modules from our four research profiles:

- Sustainable Synthesis and Catalysis
- Smart Materials and Functional Molecules
- Biological Chemistry and Biotechnology
- Theory and Simulation in Chemistry and Materials Sciences

including two research internships conducted in cutting-edge research topics. The final semester is devoted to the master thesis.

Computational Linguistics

Check out the video

Course Director:
Dr. Stefanie Anstein

Tel +49 711 685 81387
admission-cl-msc@ims.uni-stuttgart.de
www.uni-stuttgart.de/compling

Start: Winter/Summer semester
Application deadline: July 15/ Jan. 15
Group size: 20–30
Offered since: 2011

The M.Sc. program Computational Linguistics is offered at the Institute for Natural Language Processing. It is intended for Bachelor graduates from the fields of computational linguistics, natural language processing, computer science and (formal) linguistics who are interested in engaging with natural language processing on a scientific level. The program provides an advanced education with a focus on team work and practical skills. It is suitable for students who wish to deepen their knowledge of theories and applications relevant to the automatic processing of written and spoken language – e.g. for dialogue systems, machine translation, intelligent search engines or applications of Large Language Models in Generative AI.

The M.Sc. Computational Linguistics is a solid basis either for a Ph.D. program in computational linguistics/ natural language processing or for an advanced position in industry and at research organizations which involve text and speech processing.

Computational Mechanics of Materials and Structures (COMMAS)

Check out the video

Course Director:
Siddharth Nirupama Sriram

Tel +49 711 685 66377
mscinfo@commas.uni-stuttgart.de
www.commas.uni-stuttgart.de

Start: Winter semester
Application deadline: Feb. 15
Group size: 30
Offered since: 2000

The M.Sc. program COMMAS is about the development and implementation of numerical methods and simulation techniques to deal with complex engineering problems. Students learn different practical and powerful approaches to model, understand, predict and validate responses of materials and structures encountered in almost all engineering disciplines. COMMAS is an interdisciplinary program and has close cooperation with the faculties of Civil Engineering, Mechanical Engineering and Aerospace Engineering as well as local and international research centers and industrial partners.

The program consists of four semesters including a semester of research work. The first semester is dedicated to compulsory modules. During the second and third semesters students can choose modules from a wide range of electives. While the program can be studied in English, some electives are also offered in German.

Computer Science

Check out the video

Course Director:
Dr. Katrin Schneider

Tel +49 711 685 88520
katrin.schneider@informatik.uni-stuttgart.de
Scan here to go to website:

Start: Winter/Summer semester
Application deadline: Jan. 15/ July 15
Group size: 25–30
Offered since: 2013

The M.Sc. program Computer Science is intended for students from Computer Science and related disciplines. The students have to decide for one major: "Autonomous Systems in Computer Science" combines courses in machine learning, artificial intelligence, and robotics with sensors, hardware and software systems as well as different computing resources. "Service Technology and Engineering" aims to provide the scientific and technological foundations of services, to train people in the design and maintenance of service-oriented platforms and solutions. "Visual Computing" covers the entire visual computing pipeline such as video processing, computer graphics, visualization, human machine interaction, and optimization.

In the major's compulsory courses, the students acquire specialized knowledge and can tune the program towards their individual interests by selecting the courses of the elective part accordingly.

Electrical Engineering

Check out the video

Study Dean:
Prof. Dr.-Ing. Ingmar Kallfass

Tel +49 711 685 67235
info@ei.uni-stuttgart.de
www.uni-stuttgart.de/eeng

Start: Winter/Summer semester
Application deadline: Jan. 15/ July 15
Group size: 50
Offered since: 2019

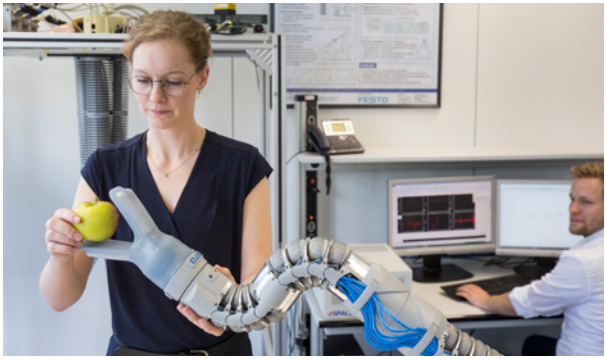
The M.Sc. Electrical Engineering covers traditional foundations of electrical engineering & information technology. The first three semesters are study terms while the fourth is intended for the master's thesis.

Areas of specialization:
- Smart Information Processing
- Communication Systems
- Nano- and Optoelectronics
- Power-electronic Systems and Technologies
- Smart Systems
- Electromagnetics and Applications
- Electrical Power Systems

By combining credits from the specialization's catalog of core courses with elective courses, students can tailor the master's program to suit their interests. Additional practical training and the research and master's thesis enable students to put their theoretical knowledge into practice.

A Double Master's program with Vietnamese-German University (VGU) in Vietnam is offered.

Engineering Cybernetics



Course Director:
Jonas Mair

Tel +49 711 685 61541
cybernetics@ist.uni-stuttgart.de
Scan here to go to website:

Start: Winter semester
Application deadline: Jan. 15
Group size: 30
Offered since: 2025

Step into the forefront of innovation with the M.Sc. Engineering Cybernetics – the foundation of autonomous and intelligent systems. This program builds deep expertise in control theory, systems theory, modeling, and numerical methods, equipping you with powerful mathematical tools to design and manage complex dynamical systems across fields like robotics, smart cities, and energy infrastructures. With its abstract, application-independent approach, the program empowers you to tackle real-world challenges by focusing on the fundamental principles. A broad range of electives complements the core curriculum, letting you tailor your studies over the four semesters to advanced theoretical topics or cutting-edge applications.

Our graduates are highly regarded in academia and industry. The career prospects are excellent and largely independent of economic fluctuations due to the wide range of jobs, and this degree also provides you with a headstart for pursuing a doctorate.

Geomatics for Environmental Monitoring (GEM)

Course Director:
Dr.-Ing. Martin Metzner

Tel +49 711 685 84043
gem@geomatics.uni-stuttgart.de
Scan here to go to website:

Start: Winter/Summer semester
Application deadline:
Jan. 15 (for winter semester)
July 15 (for summer semester)
Group size: 20–30
Offered since: 2025

Geomatics for Environmental Monitoring (GEM) is a key discipline dedicated to the acquisition, analysis, and management of geospatial data to observe and assess environmental changes.

Graduates of the GEM program are equipped with strong technical and scientific expertise to work in both research and applied professional contexts. They gain proficiency in the use of advanced geospatial technologies such as remote sensing, geoinformatics, environmental cartography, and stochastic modeling to support environmental monitoring and analysis.

Key competencies include:
- Application of geospatial technologies
- Processing and interpretation of complex geospatial data
- Collaboration and leadership in interdisciplinary teams

The GEM program empowers students to develop practical solutions for environmental monitoring and meet the growing demand for accurate, high-quality geospatial information.

Information Technology
(INFOTECH)

Check out the video

Course Director:
Katharina Geng

Tel +49 711 685 67822
office@infotech.uni-stuttgart.de
www.infotech.uni-stuttgart.de

Start: Winter semester
Application deadline: Jan. 15/ July 15
Changes planned for 2026, please see program website for more information.
Group size: 40–50
Offered since: 1999

The INFOTECH Master's offers a unique blend of Computer Science, Electronics and Information Engineering courses in one program. It provides graduates with the fundamental methods and scientific skills needed for development and research in information technology.

The program offers four areas of specialization:
- Communication Engineering and Media Technology
- Embedded Systems Engineering
- Computer Hardware/Software Engineering
- Intelligent Methods for Test and Reliability

The freedom to select courses from a broad catalogue of core and elective courses allows students to specialize the program according to their interests. A 3-month research project, which can be completed in the industry, provides an opportunity to experience the practical relevance of the learned theory. The two year program is spread over three study semesters with the fourth semester for the Master Thesis.

Infrastructure Planning
(MIP)

Check out the video

Course Directors:
Dr. Marion Aschmann
(program management current students)
Tel +49 711 685 66563
office@mip.uni-stuttgart.de

Elke Schneider
(application, program administration)
Tel +49 711 685 66558
elke.schneider@mip.uni-stuttgart.de

www.mip.uni-stuttgart.de

Start: Winter semester
Application deadline: Feb. 15
Group size: 35
Offered since: 1983

A well-planned infrastructure is essential for economic development in emerging countries around the world and the global job market calls for professionals capable of planning complex infrastructure facilities at the different planning levels by integrating economic, social, ecological and management requirements.

The Master's program Infrastructure Planning at the University of Stuttgart offers excellent education in this regard. Members of different institutes and experienced practitioners teach 35 students per session. Emphasis in the four-semester-program is placed on an interdisciplinary approach to integrated spatial planning, which is essential for modern infrastructure planning and international cooperation. Modules include: Energy Supply, Transportation, Water Management, GIS, Data Acquisition, Urban and Regional Planning, Economics, Project Management, Tendering and Contracting, Development Policy, Ecology, Integrated Case Study.

Integrated Urbanism and Sustainable Design (IUSD)

Check out the video

Course Coordinator:
Rainer Goutrié

Tel +49 711 685 83370
info@iusd.uni-stuttgart.de
www.iusd.uni-stuttgart.de

Start: Winter semester
Application deadline: Oct. 15 for winter term in the following year. Please note: special academic application deadline for EPOS scholarship seekers (see website)
Group size: 20
Offered since: 2011

Integrated Urbanism and Sustainable Design is a Master's program hosted at University of Stuttgart and Ain Shams University Cairo. It prepares a new generation of urban practitioners to face the tremendous environmental, cultural, socio-economic and governance challenges resulting from the dynamic urban transformation around the globe. It is open to graduates and young professionals from the fields of architecture, urban planning, landscape architecture and regional planning as well as to graduates with other Bachelor degrees and with relevant professional experience.

IUSD comprises different tracks:

- Double Master's program at the University of Stuttgart and Ain Shams University in Cairo, first year taught in Stuttgart, the second year in Cairo (only for DAAD/EPOS scholarship holders).
- Single degree starting at one of the two Universities with the option of studying completely there, or taking an exchange semester at one of the international partner universities.

Integrative Technologies and Architectural Design Research (ITECH)

Check out the video

Program Coordinator:
Katja Rinderspacher

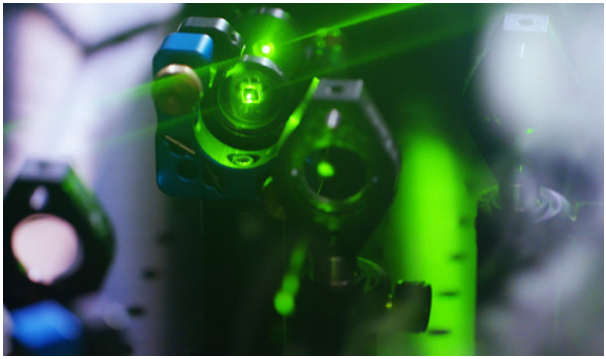
Tel +49 711 685 81922
info@itech.uni-stuttgart.de
www.itech.uni-stuttgart.de

Start: Winter semester
Application deadline: Feb. 15
Group size: 20
Offered since: 2013

The M.Sc. program ITECH Integrative Technologies and Architectural Design Research is a multidisciplinary, research-oriented, experiment-based program shaped around contemporary aspects of the built environment. Through the continued advancement of technological and computational processes in architecture, the program serves to merge the fields of design, engineering, construction and natural sciences.

Challenging the design space boundaries of current architectural and engineering practice, the program seeks to provoke a re-examination of techniques, practices and theories of design in relation to fields of engineering, robotics, digital fabrication, material science and biology. Open to students with a Bachelor's degree in architecture, engineering or natural science. All courses are instructed in English.

Materials Science



Check out the video

Program Coordinator:
Dr. Ralf Schacherl

Tel +49 711 685 61941
ralf.schacherl@imw.uni-stuttgart.de
www.uni-stuttgart.de/mawi

Start: Winter/Summer semester
Application deadline: July 15/ Jan. 15
Group size: 20–30
Offered since: 2012

The Stuttgart area is well-known for its Materials Science competences, due to a strong industrial background and several research institutes within and outside of the University. Due to this fact, the study of Materials Science in Stuttgart combines a strong scientifically focused curriculum with an application- oriented approach. This most effective combination allows the students to focus on individual subjects among a variety of specialization topics. The lecturers teaching the specialization topics are professors/PhDs working in various institutes of the University of Stuttgart as well as in collaborating institutes from the outside.

The main part of the education is provided by the Institute of Materials Science, which maintains a very close relationship to the Max Planck Institutes in Stuttgart (the Institute of Materials Science is situated on the Max Planck Campus in Stuttgart). The spatial proximity is optimal, providing in-depth cooperation for research projects. Thus, Stuttgart offers a unique stepping stone for institutional and industrial careers in the field of Materials Science.

PHYSICS

Check out the video

Course Director:
Patric Rommel

Tel +49 711 685 64988
msc@pi.uni-stuttgart.de
www.msc.physics.uni-stuttgart.de

Start: Winter semester
Application deadline: Feb. 15
Group size: 15–25
Offered since: 1999

PHYSICS is a highly competitive two-year international M.Sc. program with a strong focus on research. The collaboration of the University of Stuttgart's Department of Physics and the Max Planck Institute for Solid State Research ensures an excellent education in general physics.

During the first year of their studies PHYSICS students attend seminars, lectures and laboratories and specialize in either theoretical or experimental physics, whilst entirely focusing on their individual research projects during the second year. PHYSICS students can join teams specialized in, e.g. Condensed Matter, Quantum Optics and Cold Gases, Quantum Technologies, Soft Condensed Matter, Biophysics or Statistical Physics. We offer a vibrant learning environment for young physicists from all over the world who strive to become well equipped for a career in science.

Water Resources Engineering and Management (WAREM)

Check out the video

Course Director:
Eva Rosanne Veldman

Tel +49 711 685 66616
warem@iws.uni-stuttgart.de
www.warem.uni-stuttgart.de

Start: Winter semester
Application deadline: Feb. 15
Group size: 35
Offered since: 1997

The increasing societal and political demands worldwide reveal the importance of the water sector and the need for sustainable management of water resources, especially in developing and emerging nations as well as for rapid developing cities. The Master Program WAREM (M.Sc.) has been developed to satisfy these demands.

Program
- Groundwater Management and Geohydrology
- Hydraulic Engineering and River Basin Management
- Sanitary Engineering and Water Quality Management

The University´s excellent research facilities are at the students' disposal, e.g. a waste water treatment plant, laboratories for process testing, a laboratory hall (1.600 m^2) for hydraulic engineering, and the largest experimental groundwater contamination facility in the world: VEGAS (700 m^2).

WAREM offers a unique Double Degree Program with Chalmers University of Technology in Gothenburg, Sweden.

Application and Language Skills
Degree Students

Admissions Office/BZE:

House of Students
Pfaffenwaldring 5c
70569 Stuttgart, Germany
Contact form at
www.uni-stuttgart.de/en/study/contact/

All international degree students wishing to study at the University of Stuttgart must

- submit an application according to the study program's application deadline
- have a secondary school leaving certificate
- pass a German Language Proficiency Test (except for the international Master's programs taught in English)
- register at the Admission Office/BZE

University Admission Requirements
As a general rule, all the requirements that students have to fulfill in their home country to be admitted to study at a university (e.g. university entrance examinations) also apply in Germany.

Depending on your citizenship and the country where you gained your university entrance qualification, different admission regulations apply. Please contact the points of contact for application, admission, and enrolment (Bewerbung, Zulassung, Einschreibung/BZE) directly to find out how to apply properly.

Application Deadlines and Documents
Most of our courses start in the winter semester. You will have to submit your application online via our C@MPUS application portal by July 15 if you begin your studies in the winter semester, and January 15 if you begin your studies in the summer semester. For the English speaking international Master's programs other deadlines may apply.

Application online:
www.uni-stuttgart.de/en/study

Language Proficiency Test and Language Preparation
All international degree students must have a good command of the German language unless they apply for an international Master's program taught in English. Your proficiency can be demonstrated by passing one of the

following: TestDaF (score 4 in all four parts of the test), the Feststellungsprüfung (assessment exam), the Deutsches Sprachdiplom der Kultusministerkonferenz (DSDII), the Kleines Sprachdiplom or the Großes Sprachdiplom (KDS/GDS), DSH-2 (or better), "telc German C1 University", or the Zentrale Oberstufenprüfung (ZOP), offered by the Goethe-Institut.

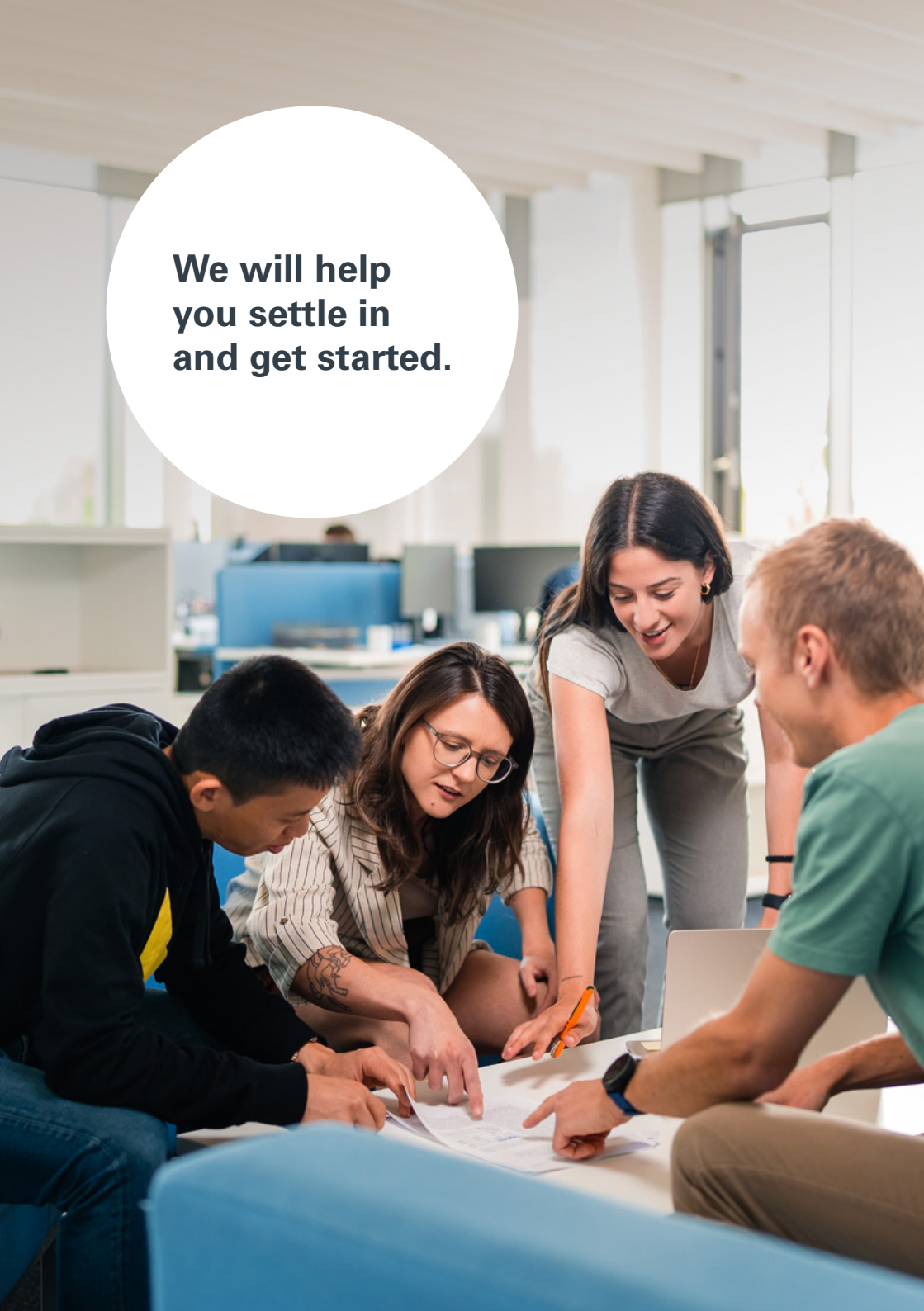
Language preparation:
www.uni-stuttgart.de/
/en/study/international/
german-courses

Entrance examination, special admission regulations:
www.uni-s.de/admission

We recommend that you have had at least 1,000 hours of German language instruction before trying to take the TestDaF exam. The University of Stuttgart offers intensive German language courses for a fee.
Applicants should have completed a minimum of 500 hours of German before entering the program. The minimum is 375 hours in case applicants are currently taking an A2 course.

Admission
Once your application has been processed you will receive one of the following in your C@MPUS online account: a Letter of Admission (Zulassungsbescheid) as well as a bank transfer form for the payment of the semester contribution (at present about 200 EUR plus 1,500 EUR tuition for non-EU international degree seeking students) or a letter informing you that you have not been accepted and the reason why.

Enrollment
Once you have received your Letter of Admission (Zulassungsbescheid) from the Campus Information System, you are entitled to enroll at the University of Stuttgart. This letter will provide further details.


We will help
you settle in
and get started.

International Office and Special Programs

Information for international students:

University of Stuttgart
International Office
Pfaffenwaldring 60 (IZ)
70569 Stuttgart, Germany
Tel +49 711 685 68566
incoming@ia.uni-stuttgart.de
www.uni-stuttgart.de/io

The International Office is located at the IZ on the campus in Stuttgart-Vaihingen. It offers support, help and information for international students and international researchers coming to the University of Stuttgart. It organizes and manages exchange and short-term programs as well as peer-support programs and offers German language courses and intercultural training for international students.

Special Programs for Partner Universities

- Enhanced Summer Semester
- Summer University
- Winter University
- SUPER (Stuttgart University Program for Experiencing Research)

Exchange Programs

The University of Stuttgart has numerous partnership agreements with institutions of higher education throughout the world. Every year, over a thousand students participate in one of our exchange programs. Please contact the International Office at your home institution to obtain more information about an exchange with us.

Freemovers:
www.uni-stuttgart.de/en/study/international/freemover

Freemovers

If your university does not have a partnership agreement with the University of Stuttgart, you may still want to come as a freemover – for a semester or two. In this case you will have to find an academic supervisor who officially invites you.

Preparatory German Language Course

The course prepares for TestDaF, the German proficiency test which is needed for a successful application for any degree program taught in German. German course students are enrolled as full students of the University of Stuttgart. In the last German course semester, students can apply for a degree program and – after being admitted and having passed the TestDaF at the end of the course – start their degree program in the semester immediately following the German course.

Developing new answers to overarching questions

Studying for a Doctoral Degree

Application formalities – The five steps to gaining your doctoral degree at the University of Stuttgart:

Graduate Academy GRADUS:
www.gradus.uni-stuttgart.de

Doctoral Degrees
With a master's degree, Diplom or Magister degree graduates can pursue a doctoral degree in any subject offered at the University of Stuttgart. In Germany, doctoral studies are generally research-based. The usual way to start doctoral studies is to find a professor who is prepared to supervise your research and supports your application as doctoral student. Prospective students need to establish direct contact with the professor. Application is possible at any time. The dissertation (doctoral thesis) may be written in English. It takes between three and five years to complete a doctorate, sometimes longer. Depending on the subject area, students are part of a structured doctoral program or work independently.

The Graduate Academy of the University of Stuttgart/GRADUS
According to its mission "better prepared for career", GRADUS supports early career researchers on their way to becoming excellent, global and integrative thinkers as well as responsible personalities who are well-prepared for outstanding positions in academia, industry or society. The tailormade offers in the areas of qualification, mentoring, counseling and strategic career development are aligned to the specific stages of scientific careers as well as designed for professional careers outside academia, preparing early career researchers for their next career steps.


We support our students and junior researchers at all stages of their careers.

General Information

Visa Regulations
For questions concerning visa regulations, please consult the diplomatic representation of Germany (embassy or consulate) in your home country or the country you are currently residing in.

Living Expenses, Tuition and Fees
International students who are not citizens of an EU/EEA country have to pay tuition fees of 1,500 EUR per semester. Additionally the regular semester contribution of currently about 200 EUR has to be payed. Living expenses amount to about 992 EUR per month. You will have to demonstrate that you have sufficient finances to cover your living expenses for twelve months. EU citizens may apply for state guaranteed loans during the time of enrollment.

Scholarships
As usual in Germany, the University of Stuttgart does not offer scholarships for degree studies. Make sure to plan in good time how you want to finance your studies.
All students seeking a scholarship can apply from their home country to the DAAD (www.daad.de).

Employment
Non-EU citizens are allowed by law to work for a maximum of 140 days per year. In addition to the 140 days, students may be employed as student assistants (Studentische Hilfskraft) at the University in one of the institutes or departments for up to 85 hours per month. Please note that further regulations may apply.
While attending a German language class preparing for the TestDaF you are allowed to work. Remember that you cannot expect to finance your entire studies solely by working.

Please contact:
incoming@ia.uni-stuttgart.de

Or look at:
www.student.uni-stuttgart.de/en/international

Orientation program
www.student.uni-stuttgart.de/en/startingout/international/orientation-days/

Intercultural Mentoring
www.uni-stuttgart.de/en/study/international/support/mentoring/

Please contact:
mentoring@ia.uni-stuttgart.de

Buddy program
www.uni-stuttgart.de/en/study/international/ready-study-stuttgart/

Subscribe to our newsletter:
www.listserv.uni-stuttgart.de/mailman/listinfo/buddy-programm

Orientation Program

The orientation program at the International Office takes place before lectures begin. It offers a general introduction to studying at the University of Stuttgart, pre-departure information as well as assistance with the authorities and study counseling.

Intercultural Mentoring

Interested in one-to-one support from a senior student during your first semester? Sign up for the Intercultural Mentoring Program for degree students. Regular meetings with your mentor, interesting workshops and various social events will help you ease into your studies and make for a semester full of cultural exchange and fun!

Buddy Program ready.study.stuttgart

The international buddy program is a special service for our exchange students and aims to support their start here in Stuttgart. You can apply for a pick-up service from the Airport and our buddies will help you with the formalities. The Buddy Program also offers social events throughout the semester. Just get in touch!

Extracurricular Activities

The International Office offers regular weekend trips and organizes international student meetings and parties. Besides, you can join one of the international student associations, learn another language at the university's language center or take part in the university's sports program. There are regular events such as volleyball, hockey and climbing or special excursions such as skiing in winter or sailing in summer. There are many more activities to discover after your arrival.

Health Insurance
In Germany, every student under 30 years of age is required by law to show proof of medical insurance. EU citizens need the European Health Insurance Card (EHIC), which you have to apply for in your home country. Non-EU citizens need to purchase student health insurance after their arrival in Germany (approx. 110 EUR per month). Make sure you have travel health insurance for the time of travelling and prior to enrollment at the University of Stuttgart (April 1 for the summer semester, Oct. 1 for the winter semester).

Accommodation
Both the campus in Stuttgart-Vaihingen and in Stuttgart center have onsite halls of residence. Dorm rooms (ranging from 300–450 EUR per month) are furnished, some are equipped with a sink and all have access to kitchen and sanitary facilities, telephone and internet. From the campus in Stuttgart-Vaihingen, the city of Stuttgart can be reached by suburban railway within ten minutes. If you are under 30 years of age and want to apply for a room in one of the student dormitories, please contact Student Services or the Vereinigung Stuttgarter Studentenwohnheime e.V. (VSSW).

Meals
Students must provide for their own meals. At lunchtime students can buy inexpensive meals in the cafeterias or dining halls.

Student Services for accommodation:

Studierendenwerk Stuttgart
Rosenbergstr. 18
70174 Stuttgart, Germany
Tel +49 711 9574470
Fax +49 711 9574450
wohnen@sw-stuttgart.de
www.sws-internet.de

Vereinigung Stuttgarter Studentenwohnheime e.V.
Pfaffenwaldring 50 A
70569 Stuttgart, Germany
Tel +49 711 25085551
info@vssw.de
www.vssw.de


Open-mindedness, individuality, and community spirit

Your Career in the Stuttgart Region

Stuttgart lies within one of the strongest industrial and economic areas in Europe. The demand for skilled workers is high.

In addition to global players, the region is home to many innovative medium-sized companies and start-ups with interesting career prospects. Many companies and research institutes also offer attractive student jobs where students can test and expand newly acquired skills in a real working environment.

The University of Stuttgart offers various advisory and support services to facilitate the integration of international students and to ensure their success in their studies. In addition to language support, international students receive needs-based information, services and networking opportunities that prepare them comprehensively for the specifics of the German job market and their successful career entry. A broad network of partners within and outside the university supports international students:

- International Office
- International Service Points of Faculties
- Career Service
- Language Center
- Student Counseling Center
- Welcome Center of the City and Region Stuttgart
- Baden-Württemberg international
- Federal Employment Agency

Although many companies work mainly in English, German is very important during conversations in the workplace. We recommend that students in English-taught programs start learning German at an early stage.

The Project FiT-US supports international students on their way to successfully completing their studies and starting a career in Germany.
www.uni-stuttgart.de/fit-us

www.uni-stuttgart.de/en/study/living-in-stuttgart

Stuttgart – a vibrant, international city

The City and the Region of Stuttgart

Stuttgart – a Cultural and Historical City
The city of Stuttgart is the state capital of Baden-Württemberg with about 600,000 inhabitants. Situated in the valley of the river Neckar, between the hills of the Swabian Alb and the Black Forest, it is often called "the city between forests and vineyards". A large number of cultural highlights are to be found in the city including opera, ballet, theatres, concert and musical halls, churches with concert performances, art galleries and various museums.
There is also a rich variety of attractive sporting events as well as possibilities for individual activities such as hiking in the Swabian Alb and the Black Forest or visiting picturesque wine valleys and historical sites. One of the attractions of Stuttgart is the "Wilhelma", the largest zoological and botanical garden in Europe. Europe's second biggest mineral baths, famous for their medical effects, and the castles of the former kings of Württemberg are also located in Stuttgart.

The Stuttgart Region – one of Europe's Largest High-Tech Centers
The Stuttgart region is an industrial center specializing in high-tech industries such as car manufacturing, environmental technologies, machine tools, electronics, and information and communications technology.
Many internationally renowned companies such as Bosch, Daimler, Porsche and IBM Germany have their head-quarters and factories in the greater Stuttgart region.
In addition, numerous small and medium-sized companies producing machine tools, textiles, precision instruments and luxury items are also located here.

www.uni-stuttgart.de/en/study/living-in-stuttgart

Imprint

University of Stuttgart
University Communications
Keplerstr. 7
70174 Stuttgart, Germany
hkom@uni-stuttgart.de

Print run: 2000
August 2025