



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Bachelor's degree



Computer Science (CTS)

Ulm University of Applied Sciences • Ulm

Overview

Degree	Bachelor of Science
Course location	Ulm
Teaching language	<ul style="list-style-type: none">English
Languages	The study programme can be completed in English. Language courses in German take place beginning with the first semester. It is particularly helpful to learn German for the compulsory internship in the seventh semester and for working in Germany.
Programme duration	8 semesters
Beginning	Winter semester
Application deadline	<p>Applications for this degree programme can be submitted until 15 July.</p> <p>This is the cut-off date. The relevant date is the date when your application reaches the University of Applied Sciences.</p> <p>How do I apply for this programme?</p> <p>Please find information on how to apply here!</p> <p>There you also find contact info for our Student Service Centre, which you can contact if you have any questions regarding the application process!</p> <p>In case you have a foreign higher education entrance certificate, it might need to be recognised in Germany. Please note that this might take additional time. You can find more information in the "Applying with a foreign higher education entrance qualification" section.</p>
Tuition fees per semester in EUR	Varied
Additional information on tuition fees	In Baden-Württemberg, international students coming from outside of the EU for the purpose of studying are expected to pay a fee of 1,500 EUR per semester. This does not apply to students from the EU .
Joint degree / double degree programme	No
Description/content	Are you interested in studying computer science at THU – Ulm University of Applied Sciences? We are pleased to welcome you here!

Do you want to experience the diversity of computer science in English? This is not a problem with the degree programme in **Computer Science (CTS)**. The degree programme is aimed at both German and international applicants who wish to take courses **taught in English**. You may structure your programme individually, by selecting two **focus topics** in line with your interests – for the current offering, see the "Course details" section!

The CTS degree programme is characterised by its focus on both **modern methods for designing software systems** and methods for designing processor-supported hardware. Particular consideration is given to aspects of **building complex IT-based systems** and the possibility to **specialise in industry-relevant fields** such as **computer engineering, information systems, mobile and web systems, computer graphics and vision, IT security, medical information systems and service robotics**.

In line with international practice for Bachelor's degree programmes, the programme can be completed in **eight semesters**. This gives you the latitude to pursue your own interests in an in-depth manner with a total of five **elective courses** as integral part of your programme. Furthermore, you will learn German during the first three semesters, so that living and further studies in Germany will be supported.

As a seamless further qualification, Ulm University of Applied Sciences additionally offers the **Master's programme in "Intelligent Systems"**.

Course Details

Course organisation

Application-oriented teaching with many **hands-on labs** and **projects**

Eight semesters: Semesters one and two = fundamental studies, semesters three to eight = main studies

In your second year, you will select two **focus topics** out of eight, according to your specialisation interests. Currently offered focus topics:

- Mobile Computing
- IT Security
- Service Robotics
- Computer Graphics & Vision
- Information Systems
- Computer Engineering
- Medical Information Systems
- Business Administration

Internship during the seventh semester

Four courses during which you will **learn** the **German** language

[» PDF Download](#)

A Diploma supplement will be issued

Yes

Integrated internships

An internship of at least 100 working days (usually over six months) is part of the programme. It takes place during the seventh semester.

Course-specific, integrated German language courses

Yes

Course-specific, integrated English language courses

No

Costs / Funding

Tuition fees per semester in EUR

Varied

Additional information on tuition fees

In Baden-Württemberg, international students coming from **outside of the EU** for the purpose of studying are expected to pay a fee of 1,500 EUR per semester. This does **not apply to students from the EU**.

Semester contribution

Every semester, you will have to pay a matriculation fee (around 178 EUR as of the summer semester 2024). This fee might be adjusted from time to time.

Funding opportunities within the university

No

Requirements / Registration

Academic admission requirements

Please find information on [how to apply here!](#)

Language requirements

English language skills have to be substantiated, proven by one of the following:

- TOEFL (with a score of 79 or higher)
- IELTS (with a score of 6 or higher)
- Cambridge Certificate (with a score of 160-180, B2 first, grade B)

Application deadline

Applications for this degree programme can be submitted until 15 July.

This is the cut-off date. The relevant date is the date when your application reaches the University of Applied Sciences.

How do I apply for this programme?

Please find information on [how to apply here!](#)

There you also find contact info for our **Student Service Centre**, which you can contact if you have any questions regarding the application process!

In case you have a **foreign higher education entrance certificate**, it might need to be recognised in Germany. Please note that this might take additional time. You can find more information in the "Applying with a foreign higher education entrance qualification" section.

Submit application to

Hochschule Ulm
Studierenden-Service-Center (SSC)
Prittwitzstraße 10
89075 Ulm
Germany
Tel.: +49 7315028025
ssc@hs-ulm.de

Services

Possibility of finding part-time employment

Above-average computer science students are in high demand at companies in the region as working students.

Support for international students and doctoral candidates

- Buddy programme
- Tutors

Contact

Ulm University of Applied Sciences

Computer Science

Prittwitzstraße 10
89075 Ulm

✉ cts@thu.de

🌐 Course website: <https://www.thu.de/cts>

📘 <https://www.facebook.com/TechnischeHochschuleUlm/>

🌐 <https://de.linkedin.com/school/technische-hochschule-ulm/>

📷 https://www.instagram.com/th_ulm/

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International Programmes in Germany - Database

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Editor

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Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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