DAAD Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES
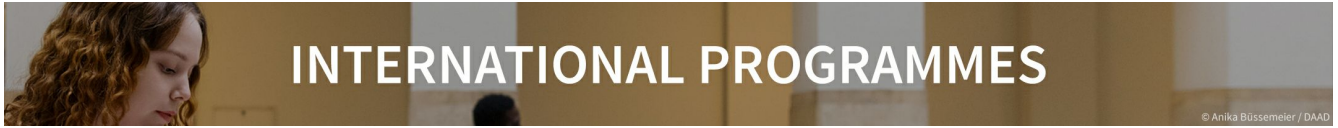
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Master's degree

Master of Science in Computer Science

Bingen Technical University of Applied Sciences • Bingen am Rhein

Overview

Degree	Master of Science
Teaching language	• English
Languages	Courses are held in English. Participants can choose to write the Master's thesis in English or in German.
Full-time / part-time	• full-time
Programme duration	3 semesters
Beginning	Winter semester
Application deadline	Enrolment is only possible for the winter semester. **Winter semester 2025/26** Start of the application period: 2 May 2025 End of the application period: 15 June 2025
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The regular programme length of the Master's degree course of study in Computer Science is three semesters. The programme is completed with the awarding of the academic degree Master of Science (MSc). With the Master's in Computer Science, you have the qualification to plan, (further) develop, integrate and operate information systems in companies. The necessary specialisations in information systems are taught accordingly. The second focus of the Master's course of study is on theoretical knowledge and practical skills for working scientifically. Upon successful completion of the programme, the door to an academic career, including a doctorate, is open to you. Electives are available for the specialisation and individualisation of the course content. Here you will acquire further expertise, for example in cryptography, artificial intelligence, agile project management, leadership, management or personal development.

Course Details

Course organisation	First semester • Architecture of Information Systems (6 credits) • Systems Analysis (6 credits) • Artificial Intelligence (6 credits) • Two required electives (6 credits each) Second semester • Higher Mathematics (6 credits) • Database Systems (Advanced) (6 credits) • Scientific Seminar (6 credits) • Two required electives (6 credits each) Third semester • Master's thesis (30 credits) » PDF Download
A Diploma supplement will be issued	Yes
Special promotion / funding of the programme	• ERASMUS+
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	Yes

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	Semester fee: approximately 230 EUR (including student ID card and student transit pass)
Costs of living	Please check here.
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	• Scholarship for special commitment/outstanding achievement • Grants for financial emergencies

Requirements / Registration

Academic admission requirements	**The Bachelor's degree certificate has to be available at the time of application!** A Bachelor's degree or diploma in a computer science course of study or a related degree course of study and eligibility under Section 65 of the German Higher Education Act by possessing an entrance qualification for a university of applied sciences, a general higher education entrance qualification ("Fach-/Hochschulreife") or similar • Final grade of ECTS Grade B or better (alternatively a grade point average of 2.5 or better) • At least 210 credits (in exceptional cases, 180 credits with additional qualifications) **For the Master's of Computer Science course of study, the following basics from a Bachelor's degree must be proven:** • Software Engineering: In particular, this includes extensive programming skills and experience in software planning and quality assurance. • Technologies of Computer Science: This includes central concepts and systems such as databases, operating systems and computer architectures. • Theoretical Computer Science **Any application that does not show that this content was explicitly covered in the Bachelor's degree programme will not be successful.**
Language requirements	With regard to the language requirements for English-language programmes at the University of Applied Sciences Bingen, an English language certificate at a B2 language level is required. This must be proven as follows (Definitely do not ask: no other certificates are accepted!): • Test of English as a Foreign Language (TOEFL) Internet-based (0–120 points) minimum 72 points • Test of English for International Communication (TOEIC) (10–990 points) minimum 785 points • International English Language Testing System (IELTS) Minimum Grade 5 IELTS
Application deadline	Enrolment is only possible for the winter semester. **Winter semester 2025/26** Start of the application period: 2 May 2025 End of the application period: 15 June 2025
Submit application to	https://www.th-bingen.de/en/how-to-apply/degree-programmes Technische Hochschule Bingen | Bingen Technical University of Applied Sciences Studierendensekretariat | Registrar's Office Berlinstraße 109 55411 Bingen / Rhein Germany

Services

Possibility of finding part-time employment	Possible

Accommodation	https://www.studierendenwerk-mainz.de/en/wohnen

Support for international students and doctoral candidates	• Welcome event • Buddy programme • Accompanying programme • Cultural and linguistic preparation

General services and support for international students and doctoral candidates	We will offer free German courses to assist you in mastering everyday life in Germany.

Computer Science in 181 Seconds | TH Bingen

Two of our students will show you the Computer Science course of study in 181 seconds (in German).

» more: https://www.youtube.com/watch?v=HVzo-yiISss

Bingen Technical University of Applied Sciences

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Bingen Technical University of Applied Sciences has been training students in engineering and life sciences since 1897. We provide qualified teaching and an intensely practical orientation while closely cooperating with companies. Our approximately thirty degree courses cover engineering, life sciences, IT and communication technology. As a result of application-oriented research, prospective academic degrees from Bachelor's to Doctorates are open to you here. Another advantage is our dual programmes during your vocational training or career. Exchange programmes and double degrees enable you to supplement your skills with international experience.

Geared towards the substantial needs of the working world and life, we work closely with regional and national companies to ensure these requirements are met. As a graduate of Bingen UAS, you will be familiar with the practical aspects and will have already made important contacts.

Solid career paths in the worlds of business and science will consequently be available to you. We follow the European Credit Transfer System (ECTS). There are currently no numerus clausus restrictions on admissions.

Studying at Bingen UAS means personal supervision and support, short paths and communication channels, including open doors at a modern yet historical university of applied sciences on its own campus.

📍 University location

Bingen is the gate to the Upper Middle Rhine Valley UNESCO World Heritage Site and to the popular tourist regions of Rheinhessen, Nahe and Rheingau. The city is close to the Rhein-Main region. Popular cities such as Mainz, Wiesbaden and Frankfurt are easily accessible via public transportation. Moreover, Frankfurt airport is truly close.

Contact

Bingen Technical University of Applied Sciences
Department 2: Engineering, Information Technology and Economics

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🌐 Course website: https://www.th-bingen.de/en/studies/courses/informatik-computer-science/overview
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🅕 https://de-de.facebook.com/hochschule.bingen/

⬤ https://twitter.com/th_bingen?lang=de

▶ https://www.youtube.com/user/hochschulebingen

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International Programmes in Germany - Database

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Federal Ministry of Education and Research