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Master's degree



Intelligent Systems (ISY)

Ulm University of Applied Sciences • Ulm

Overview

Degree	Master of Science
Course location	Ulm
Teaching language	<ul style="list-style-type: none">English
Languages	English
Programme duration	3 semesters
Beginning	Winter and summer semester
Application deadline	1 December for the following summer semester 1 June for the following winter semester
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. Students from EU countries are not affected by this.
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The amount of information available digitally is growing at a breathtaking rate. Both technical trends, such as the digitalisation of media and processes, and social trends, such as pervasive social networks, contribute to this development. Whoever is able to analyse, structure and use this gigantic flood of data and its interconnections strategically has a competitive advantage.</p> <p>Understanding and creating such systems requires in-depth understanding of current research, especially in the domain of artificial intelligence and data science. In many cases, new abilities in intelligent systems are learned instead of being programmed.</p> <p>The application-oriented Master's degree programme in Intelligent Systems (ISY) pursues precisely this aim. Based on scientific methodology, in three semesters, it will enable you to understand, design and implement complex, distributed and large intelligent systems. This applies for applications in both industry and research. It will prepare you for challenging scientific roles in application-oriented computer science as well as for managerial roles.</p>

Course Details

Course organisation

The individual modules of the Master's degree programme are assigned to one of the four subject groups: Artificial Intelligence, Design and Realisation of Complex IT Systems, IT Management and Elective Modules. An important feature of the degree programme is the "Intelligent Systems Project", which is spread over the first two semesters. This explores subjects related to current research topics at the Department of Computer Science. Project teams comprise four to six students.

As this degree programme is also intended for international students, lectures will be conducted in English.

After successful completion of the degree programme, you will be awarded the academic degree title "Master of Science".

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Course-specific, integrated German language courses

No

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. Students from EU countries are not affected by this.

Semester contribution

Every semester, you will have to pay a matriculation fee (around 145 EUR, e.g. in the summer semester 2024). This fee is adjusted from time to time.

Funding opportunities within the university

Yes

Description of the above-mentioned funding opportunities within the university

Ulm University of Applied Sciences has some limited funding for international degree-seeking students. The assistance is intended for foreign students in the final phase of their studies. That means that international students may receive financial assistance in their last or penultimate semester. Other criteria are merit and need. The assistance should primarily prevent financial hardship for examination candidates who have previously partially funded their studies by working. The awarding and amount of the scholarships is decided by the selection committee made up of professors and international office staff. First and foremost, the assistance will be awarded for the semester in which the thesis is to be written.

Requirements / Registration

Academic admission requirements

To apply for the Master's degree programme in ISY, you need a Bachelor's degree in a computer science-related subject. You must have at least 60 ECTS credits acquired from the study of computer science-based subjects. Another prerequisite is successful participation in a selection interview, in which you must achieve a grade of at least "pass" (4.0).

Language requirements

Students must ensure that they are able to follow a lecture on Master's level in English.

Application deadline

1 December for the following summer semester
1 June for the following winter semester

Submit application to

Technische Hochschule Ulm
Masterprogramm
Prittwitzstraße 10
89075 Ulm
Germany

Services

Accommodation

Ulm University of Applied Sciences will try to provide housing in one of our student dormitories according to the wishes students mark in the housing request form. However, the situation in Ulm has become very difficult, and we cannot guarantee that we will find housing for all students. If students are able to find an accommodation by themselves, they should let us know as soon as possible.

Support for international students and doctoral candidates

- Buddy programme

Contact

Ulm University of Applied Sciences

Computer Science

Prittwitzstraße 10
89075 Ulm

✉ Ruediger.Lunde@thu.de

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

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

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

📷 https://www.instagram.com/th_ulm/

📺 <https://www.youtube.com/@TechnischeHochschuleUlm>

Last update 24.01.2025 01:41:41

International Programmes in Germany - Database

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The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry
of Education
and Research