



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Bachelor's degree



## BSc in Robotics and Intelligent Systems

Constructor University • Bremen

### Overview

Degree	Bachelor of Science
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	<p>Language of instruction: English</p> <p>Language courses are available in German, French, Spanish and Mandarin Chinese.</p>
Programme duration	6 semesters
Beginning	Winter semester
Application deadline	<p>To be considered for admission to an undergraduate programme, you need to apply by the following deadlines:</p> <ul style="list-style-type: none"><li>Early decision: application due by 1 November</li><li>Early action I: application due by 1 December</li><li>Early action II: application due by 1 February</li></ul> <p>Rolling admission:</p> <ul style="list-style-type: none"><li>Application due by 1 June for international students (who require a visa to enter and study in Germany)</li><li>Application due by 20 July for EU/EEA citizens and citizens who do not require a visa</li></ul> <p>For more information, please check our website: <a href="https://constructor.university/admission-aid/application-information-undergraduate">https://constructor.university/admission-aid/application-information-undergraduate</a>.</p>
Tuition fees per semester in EUR	10,000 EUR
Additional information on tuition fees	<p>Annual <b>undergraduate</b> 2023/24 tuition fees – 20,000 EUR</p> <p>Annual <b>graduate</b> 2023/24 tuition fees – 20,000 EUR</p> <p>Annual <b>International Foundation Year</b> 2023/24 tuition fees – 12,000 EUR</p>
Joint degree / double degree programme	No
Description/content	The Robotics and Intelligent Systems (RIS) programme covers engineering methods and technologies relevant in making artificial mobile systems such as robots independent of permanent human supervision, thereby enabling mobile systems to engage in autonomous intelligent

operations. Application areas focus on robotics and automation, while also including automotive and transport industries communication technologies, marine technology, and logistics. Furthermore, the programme involves transdisciplinary aspects related to the study of processes that enable mobility in intelligent natural systems. Hands-on experience with technical systems and methods in state-of-the-art labs are part of the programme.

## Course Details

Course organisation	All programmes are individually structured. Every student is assigned to an academic adviser. The goal of academic advising is to provide detailed information to students concerning the programme of study and to help students manage their time at university to their best advantage.
International elements	<ul style="list-style-type: none"> <li>• International guest lecturers</li> <li>• Training in intercultural skills</li> <li>• International comparisons and thematic reference to the international context</li> <li>• Language training provided</li> <li>• Integrated study abroad unit(s)</li> </ul>
Integrated study abroad unit(s)	The fifth semester includes a mobility window for study abroad options.
Integrated internships	The internship programme is a core element of Constructor University's employability approach. It includes a mandatory internship (minimum eight weeks full-time), which provides insight into the labour market as well as practical work experience related to the respective area of study. Successful internships may initiate career opportunities for students. For more information, please contact the Career Services Center ( <a href="https://constructor.university/student-life/career-services">https://constructor.university/student-life/career-services</a> ).
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

## Costs / Funding

Tuition fees per semester in EUR	10,000 EUR
Additional information on tuition fees	<p>Annual <b>undergraduate</b> 2023/24 tuition fees – 20,000 EUR</p> <p>Annual <b>graduate</b> 2023/24 tuition fees – 20,000 EUR</p> <p>Annual <b>International Foundation Year</b> 2023/24 tuition fees – 12,000 EUR</p>
Semester contribution	Approx. 330 EUR per semester, which includes public transportation
Funding opportunities within the university	Yes

Description of the above-mentioned funding opportunities within the university

The Tuition Deferral Programme is an innovative way to finance a portion of your tuition fees at Constructor University:

- The deferral of tuition fees will be calculated automatically, and the option of deferring tuition fees will be available to you shortly after admission.
- You decide whether you want to take advantage of this personalised financing option.
- Granted independent of your financial situation
- Flexible repayment plan based on your future income and personal circumstances

## Requirements / Registration

Academic admission requirements

- Completed application form: <https://constructor.university/admission-aid/application-information-undergraduate>
- one recommendation letter from a school official (usually a school counsellor, teacher, or principal)
- school transcripts of the last two to three years
- results of a standardised test (SAT or ACT)
- results of a language proficiency test (TOEFL, IELTS, CAE, Duolingo, etc.)

Language requirements

A list of all accepted English language proficiency tests and the minimum scores can be found here: <https://constructor.university/admission-aid/application-information-undergraduate>.

Application deadline

To be considered for admission to an undergraduate programme, you need to apply by the following deadlines:

- Early decision: application due by 1 November
- Early action I: application due by 1 December
- Early action II: application due by 1 February

Rolling admission:

- Application due by 1 June for international students (who require a visa to enter and study in Germany)
- Application due by 20 July for EU/EEA citizens and citizens who do not require a visa

For more information, please check our website: <https://constructor.university/admission-aid/application-information-undergraduate>.

Submit application to

<https://constructor.university/admission-aid/application-information-undergraduate>

## Services

Possibility of finding part-time employment

We offer a limited number of student jobs on campus as well as support in finding student jobs off campus.

Accommodation

Constructor University offers **on-campus** accommodation that includes room and board (full meal plan). This accommodation is offered to **undergraduate and International Foundation Year students**. The fee for one academic year (nine months) is 8,000 EUR.

Constructor University offers a variety of **off-campus** student housing options for **graduate**

**students** in Bremen. You can reserve accommodation through Constructor University and take advantage of our housing support services, flexible lease terms, and full campus amenities. The fee for accommodation for one academic year (nine months) is 4,500 EUR.

Generally, the cost of housing in Bremen can be considered affordable compared to other German cities. Private rooms range from 300 to 500 EUR per month.

#### Career advisory service

The Constructor University Career Services Center accompanies students through all stages of their career development in order to enable them to become responsible leaders of tomorrow.

<https://constructor.university/student-life/career-services>

#### Support for international students and doctoral candidates

- Welcome event
- Specialist counselling
- Cultural and linguistic preparation
- Help with finding accommodation

#### General services and support for international students and doctoral candidates

As most of our students have an international background, we focus on your wellbeing.

#### Supervisor-student ratio

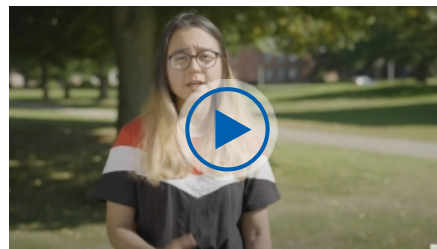
1:18



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#### Mark Ray Ali BSc in Robotics and Intelligent Systems

Knowledge only grows with the right treatment. In the Robotics department, the professors impart their wisdom and experience while teaching with passion, bringing what seems to be the hardest of concepts down to a level that is easier to understand. They genuinely care about the core of education, offering us opportunities and research options, thereby giving us hands-on experience and highlighting clear connections between the theory that we learn in class and the work in the field.



#### Kam from Uzbekistan

Kam describes how she enjoyed the structure of the programme. She also describes the soft skills that she learned at Constructor University.

» more:

<https://www.youtube.com/watch?v=KBRKa0QrdHY>

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# Constructor University

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Constructor University

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Constructor University is an international, research-oriented, state-recognised university in Bremen, Germany. Located in the heart of Europe, our campus is the home of a truly international community, and all our study programmes are taught in English. Over 1,600 students from more than 110 countries live and study at Constructor University. Our broad portfolio of study programmes from the natural and social sciences, engineering, and economics attracts students with diverse interests who come together to share points of view, learn from a multiplicity of perspectives, and grow. Students are actively involved in research from their first year of study, receiving support from professors who are themselves researchers and leading figures in their chosen fields.

Full of extracurricular activities and events, Constructor University is truly a vibrant campus and a "home away from home" for our students. Constructor University sets the standard in higher education with top-ranked academics and excellence in research in international rankings (e.g. U-Multirank & CHE). The renowned Times Higher Education magazine has listed Constructor University among the top 25% of all universities and one of the top 35 young universities worldwide.

Join our vibrant international community at Constructor University! Meet students from more than 110 countries!



## University location

Constructor University is located in the northern district of the city of Bremen, close to the North Sea. Bremen, a Hanseatic city, is renowned for its shipping industry, along with the port of Bremerhaven, which is located 70 km away. Over 35,000 students study in the region, a fact which is reflected in the lively off-campus life in the city. There are many restaurants, pubs, clubs, museums, theatres, and other venues for students to explore. Come and join our vibrant student community!

# Contact

## Constructor University

Student Marketing & Recruitment

Campus Ring 1  
28759 Bremen

Tel. +49 4212004200

✉ [study@constructor.university](mailto:study@constructor.university)

🌐 Course website: <https://constructor.university/programs/undergraduate-education/robotics-intelligent-systems>

📘 <https://www.facebook.com/constructor.university/>

🐦 [https://twitter.com/constructor\\_uni](https://twitter.com/constructor_uni)

🌐 <https://www.linkedin.com/school/constructor-university/>

📷 [https://www.instagram.com/constructor\\_uni/](https://www.instagram.com/constructor_uni/)

📺 <https://www.youtube.com/@constructor.university/about>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

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Section K23 – Information on Studying in Germany  
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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://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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