



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Bachelor's degree	2
BSc in Chemistry and Biotechnology • Constructor University • Bremen	2

Bachelor's degree



BSc in Chemistry and Biotechnology

Constructor University • Bremen



Overview

Degree	Bachelor of Science
Teaching language	<ul style="list-style-type: none">English
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">Early decision: application due by 1 NovemberEarly action I: application due by 1 DecemberEarly action II: application due by 1 February <p>Rolling admission:</p> <ul style="list-style-type: none">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 <p>For more information, please check our website: https://constructor.university/admission-aid/application-information-undergraduate</p>
Tuition fees per semester in EUR	10,000 EUR
Additional information on tuition fees	<p>Annual undergraduate 2023/24 tuition fees – 20,000 EUR</p> <p>Annual graduate 2023/24 tuition fees – 20,000 EUR</p> <p>Annual International Foundation Year 2023/24 tuition fees – 12,000 EUR</p>
Joint degree / double degree	No

Description/content

Chemistry is the scientific discipline involved with elements and compounds composed of atoms, molecules, and ions, and dealing with their composition, structure, behaviour and the changes they undergo during a reaction with other substances. Biotechnology is the profitable application of biology to the solution of real-life challenges. The two disciplines are connected by their molecular approach and by their vast commercial importance.

The transdisciplinary Chemistry and Biotechnology (CBT) study programme offers chemistry modules that include organic, inorganic, analytical, and physical chemistry. Students are also taught the relevant aspects of mathematics, engineering, and industrial practice. The focus of biotechnology in this study programme is to learn how the industry can take advantage of biocatalysts and biomolecules in order to contribute to a more sustainable future. Biorefining, e.g. the uses of renewable rather than fossil resources, is another major aspect of CBT. This will introduce students to the concept and practice of the "circular economy".

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

- International guest lecturers
- Training in intercultural skills
- International comparisons and thematic reference to the international context
- Language training provided
- Integrated study abroad unit(s)

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

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

Annual **undergraduate** 2023/24 tuition fees – 20,000 EUR

Annual **graduate** 2023/24 tuition fees – 20,000 EUR

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: <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



Research From Early On

He switched to chemistry while studying at our university. Hands-on research in the lab prepared Roy D'Souza for what was to come. Today he is conducting research with cocoa as a postdoctoral fellow for Barry Callebaut.

» more:

https://www.youtube.com/watch?v=YZWCJ9UnmxA&feature=emb_logo

Constructor University



Constructor University

© Constructor University

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

 Course website: <https://constructor.university/programs/undergraduate-education/biochemistry-cell-biology>

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

 https://twitter.com/constructor_uni

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

 https://www.instagram.com/constructor_uni/

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

Last update 30.04.2024 00:56:23

International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany

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".

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