

Chemistry and Biotechnology

Constructor University Bremen
Bachelor of Science



Program

Gain a strong understanding of the molecular approach of chemistry and biotechnology

The Chemistry and Biotechnology (CBT) program at Constructor University merges the scientific principles of chemistry and biology to address practical challenges. This transdisciplinary field explores the composition, structure, behavior, and transformations of elements, compounds, molecules, and ions. The biotechnology component focuses on leveraging biocatalysts and biomolecules for sustainability, emphasizing biorefining and the circular economy.

Key features of the program include modules covering organic, inorganic, analytical, and physical chemistry, complemented by mathematics, engineering, and industrial practice. Upon program completion, students will possess a robust understanding of the molecular approach and the commercial significance of chemistry and biotechnology.

Graduates of the CBT program will be well-prepared for successful careers in chemistry and/or biotechnology. They will have acquired knowledge, research skills, and problem-solving abilities, making them suitable for various roles in the industry. Additionally, the program lays a strong foundation for those aspiring to pursue advanced studies at the Master's or Ph.D. level.

Key facts

Place: Constructor University, Bremen, Germany

Tuition: 10.000€ per semester + 4.250€ on-campus room and board (shared room, shared bathroom, full meal plan, per semester)

Fall intake 2025: Apply by June 1 (global) and July 15 (for applicants who do not need a visa). Start last week of August (orientation week), first week of September (classes)

Scholarships: All students are considered for an academic achievement scholarship based on their school grade point average (GPA). EU students are eligible for a minimum guaranteed scholarship of 4.000€.

Duration: 3 years full-time

Financing options: Each admitted candidate will receive an individual financial package.

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UNIVERSITY

Contact

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Or use the [contact form](#) >

Career

Career perspectives

The Chemistry and Biotechnology (CBT) program at Constructor University provides students with excellent employability and career prospects in diverse fields such as industry, research, and further master's or Ph.D. studies. The combination of chemistry and biotechnology enhances employability, particularly as biotechnological applications in the chemical industry gain significance. With a focus on sustainability and environmental protection, graduates find opportunities in various sectors, including chemicals, pharmaceuticals, fuels, nanotechnology, materials, energy, environmental monitoring, and forensic science.

The educational approach at Constructor University emphasizes employability, encompassing not only technical skills and knowledge but also personal attributes, competencies, and qualities. This holistic perspective prepares students to adapt quickly to professional contexts and become responsible contributors to their fields and societies.

Application

Undergraduate application information

Here you can find out about deadlines, the application process and requirements to apply for your Bachelor's program at Constructor University.

Financing

Investing in education is a significant commitment to your future, and at Constructor University, we are dedicated to transforming it into an affordable reality for students worldwide. To achieve this, we provide personalized financing options tailored to help cover tuition fees. These packages may include various forms of financial assistance, such as scholarships, grants, and tuition deferrals. The deferred tuition fees are only repaid once you have successfully entered the job market, allowing you to concentrate fully on your studies without immediate financial burden. We firmly believe that a Constructor University education serves as an ideal foundation for your future career, and we are delighted to invest in your success.

Biotechnologie, Bioingenieurwesen

Chemie