

Biochemistry is a two-year full-time international master's programme that focuses on the molecular foundations of biological processes as well as the manipulation of biological pathways and biomolecules for technological applications.

The programme is organised into two tracks – Chemical Biology and Technical Biochemistry – which cover a wide variety of topic areas including biocatalysis, natural product chemistry, molecular cell biology, genome engineering, and bioanalytics.

The course work consists of five mandatory classroom and laboratory modules, a mandatory research internship, multiple elective courses, and a final experimental master thesis. Graduates earn the degree of 'Master of Science' (M.Sc.) in Biochemistry

To qualify, applicants must have completed their undergraduate degree (three-year bachelor's degree programme or comparable) in chemistry, biology, molecular biotechnology or a comparable scientific field and provide an international English proficiency test at level B2 or better (preferentially IELTS: 6.5, TOEFL: 550 PBT or better).

The master's programme is limited to a maximum of 20 students per year and admission will be granted based on previous academic performance.

Further information

📍 Faculty of Chemistry and Food Chemistry

🔗 tu-dresden.de/sins/ma-biochm

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Biochemistry

