



GRADUATE STUDIES IN BIOTECHNOLOGY & FOOD ENGINEERING

EXPLORE YOUR BEST SELF



**JOIN A WORLD OF
BREAKTHROUGH
INNOVATION**

Technion Israel Institute of Technology plays a major role in the innovation and brainpower that drives the Israeli economy. Coupled with the innate Israeli innovative spirit, the achievements of Technion's faculty and graduates have helped the country earn its reputation as the world's "Startup Nation."



**World-Leading
Faculty Members**



**Cutting-Edge
Research Facilities
and Labs**



**Scholarship/
Free Tuition**

We offer a wide range of exciting research opportunities in the following specialization areas:

- > Alternative Proteins and their Effect on Human Health
- > Bioinformatics
- > Biochemistry and Molecular Nutrition
- > Biosensors for Medical and Environmental Diagnostics
- > Biotechnology and Nanobiotechnology
- > Chemistry of Food
- > Designing Health-Promoting Foods
- > Development of Technologies and Materials for Delivery of Drugs and Bioactive Compounds
- > Food Science and Engineering
- > Human Microbiome
- > Protein and Enzyme Engineering
- > Sustainable Energy using Biotechnology
- > Synthetic Biology
- > Tissue Engineering

THE FACULTY OF BIOTECHNOLOGY AND FOOD ENGINEERING

The Technion's Faculty of Biotechnology and Food Engineering is one of the few departments worldwide to unite the areas of biotechnology and food engineering under one roof. Our mission is to tackle humanity's greatest challenges by developing techniques to promote the sustainable production of safe and healthy foods, to create new technologies for treating deadly diseases, and to generate green energy. To address these challenges, our graduate program provides students with advanced multidisciplinary training by renowned and distinguished faculty as well

as opportunities for involvement in high-level research, which integrate scientific knowledge and methodologies from biology, chemistry, biochemistry, medicine, engineering and data science.

The growing Biotech and Foodtech industries are striving to recruit outstanding multi-disciplinary engineers and scientists to fuel innovation and R&D. Pursuing graduate studies at the Technion's Faculty of Biotechnology and Food Engineering will equip you with the ideal training to position you as a future leader in engineering-research.

As part of our program we offer both master's (M.Sc.) and doctoral (Ph.D.) degrees



M.Sc. program

The M.Sc. degree is intended for candidates who have completed a four-year bachelor's degree, earned a minimum grade point average of 84, and fulfilled Technion's general requirements for graduate studies. Acceptance to the program is subject to an interview, in which the candidate's level of relevant knowledge will be assessed. In addition, the committee for advanced degrees may consider the candidate's ranking.

In order to be awarded a master's degree, the student must fulfill all faculty requirements and comply with all regulations of Technion's graduate school.



Ph.D. program

The Ph.D. program is intended for applicants who have earned an M.Sc. degree from an accredited academic institute. Applicants' academic and research achievements will be reviewed as necessary.

Admission Requirements: In addition to academic achievements, the candidate must have demonstrated a proficiency for conducting independent research.

For more information, visit our website at: <https://biotech.technion.ac.il/graduate-studies/>

Our graduate students enjoy:

Free tuition | Full-time job scholarship* | Subsidized on-campus housing**

**In accordance with the Technion's regulations and subject to the advisor's agreement. **Contingent on availability.*

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Biotechnology and Food Engineering
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TECHNION

Israel Institute of Technology