Study at Technion - Israel Institute of Technology

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Facts about Technion
Doors Opened: 1924
Technion City: 490 acres
Academic Departments: 18
Research Centers: 60
Undergraduate Programs: 50
Graduate Programs: 83
Students: 14,538
Faculty Members: 556
Degrees Awarded: 110,634
Buildings on Campus: 95
Nobel Laureates: 3
Affiliated Hospitals: 12
Foreign Partners: 200

Technion was founded in 1912, making it Israel’s oldest tertiary institution. Technion is among the world’s top 50 science and technology research universities, dedicated to growth of knowledge, and the development of human capital and leadership. Technion is a major source of the innovation and brainpower that drives the Israeli economy; seven graduates represent 70% of the high-tech workforce, and established Israel’s industrial infrastructure, reinforced its technological defense capabilities, and pioneered its technology-based enterprises, earning Israel its reputation as the world’s “Startup Nation.”

Outside of Silicon Valley, Israel has the highest concentration of high-tech companies in the world. Technion is home to a prominent faculty members, including three Nobel laureates, and a long list of notable alumni, including engineers, scientists, physicians, professors and entrepreneurs. Technion is also revered as one of the world’s leading entrepreneurial ecosystems, and incubator for future successful entrepreneurs.

Learn more about our programs: https://int.technion.ac.il

Programs
PROGRAMS

Undergraduate

BSc Mechanical Engineering
This prestigious degree is presented entirely in English at Technion’s Faculty of Mechanical Engineering. The Faculty is internationally recognized for its leadership in research, education, and innovation, with graduates now holding key positions in high-tech, government and defense industries. Senior academic staff, scientists and expert lecturers offer a stimulating environment, with access to state-of-the-art laboratories, among the most advanced of their kind in the world. Mechanical engineers are employed in diverse areas, including aerospace, automotive, biomechanical, chemical industry, computer, communications, nanotechnology, robotics, and power-generation industries. The program nurtures creativity and leadership in an era of incredibly rapid technological change.

BSc Civil Engineering
The program prepares students for careers in the private, public, and government sectors, in areas such as infrastructure and general construction, water resources management, wastewater treatment, water treatment and pollution control, air and soil pollution and remediation, and solid waste disposal. The program focuses on the different stages of the construction process including a broad variety of tasks that require knowledge and skills in an assessment of management, economic, business, planning and legal areas, in addition to proficiency in classic engineering issues.

Gap Year
Gap Year offers high school graduates an 8 or 10-month long program combining academic studies, leadership development workshops, Jewish studies (optional), community service, cultural experiences, tourism in Israel and abroad, and internships at high-tech companies for credit!

Professional Internship
(for credit)

The Neubauer Professional Internship is offered by Technion International as part of the Neubauer American Semester Program. The program awards Technion credit for professional internships, and is open to qualified undergraduates, on a full- or part-time basis. Students can earn up to 3 credits, for a minimum of 200 hours, over a period of 30-40 weeks. Alternatively, students can join our Research Internships in Technion labs as part of the Technion experience.

Study Abroad

The Study Abroad program at Technion is open to undergraduate and graduate students from all over the world, providing international students with a unique opportunity to experience engineering excellence at one of the world’s most innovative universities, while preparing them to excel in their future academic and professional careers. Offered through Technion International and taught in English, the program offers a challenging and intensive course load that can be tailored to meet each student’s specific interests, as well as ensuring their ability to meet specific prerequisites, or course requirements for their home universities, as well as prospective graduate or advanced studies. Courses offered in fields of Engineering and Science, Entrepreneurship and Innovation, Architecture and Product Design, and Humanities, including tours around Israel, are available in both Winter and Spring Semesters.

Summer & Short Programs

Aspiring scientists and entrepreneurs from around the world can spend an exciting summer exploring science and business with peers from other nationalities. All programs are taught in English by the institute’s prominent faculty. In addition to getting a taste of academic life at Technion, students gain hands-on experience in their fields of interest. Social and cultural activities exploring Israel are built into each program. Programs are offered through Technion International, and are between 4-5 weeks in length.

Professional Internship with Professional Internship:
Match study abroad options with degree requirements of your home universities, as well as ensuring their ability to meet specific prerequisites, or course requirements for their home universities, as well as prospective graduate or advanced studies.

Graduate Studies

Studying at Technion provides you with a unique opportunity to earn your MSc or PhD degree in a supportive and stimulating multidisciplinary environment, to join a vibrant community of culturally diverse scientists from around the world, and to engage in groundbreaking research at cutting-edge facilities. Technion currently offers postgraduate and graduate studies, entirely in English, in Chemistry, Biology, Physics, Chemical Engineering, Materials Science and Engineering, Education in Science and Technology, Aerospace Engineering, Computer Science, Electrical Engineering, and Medical Sciences.

For more information, email us at apply@int.technion.ac.il or visit our website: int.technion.ac.il

Study in English