

GRADUATE STUDIES IN AEROSPACE ENGINEERING

ME, MSc, and PhD Programs



At the heart of Israel's leading technological institute, the Faculty of Aerospace Engineering advances fundamental and applied research across the full breadth of aerospace engineering. Our graduate programs offer a supportive and intellectually rich environment, grounded in cutting-edge research, state-of-the-art facilities, and an internationally recognized faculty.

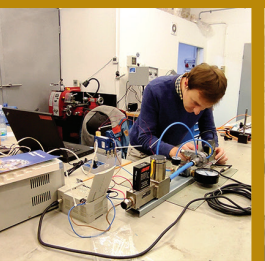
The department offers [Master of Engineering \(ME\)](#), [Master of Science \(MSc\)](#), and [Doctoral \(PhD\)](#) programs.

An opportunity to conduct world-class research in many aerospace disciplines:

- ➔ Fluid Mechanics, Aerodynamics, and Aeroacoustics
- ➔ Structures and Solid Mechanics
- ➔ Guidance, Navigation, Control, and Autonomous Systems
- ➔ Propulsion and Combustion
- ➔ Astronautical Engineering
- ➔ Robotics and AI

Our aerospace laboratories are equipped with advanced facilities that provide an ideal environment for conducting groundbreaking research:

- ➔ Additive manufacturing center
- ➔ Autonomous flight arenas
- ➔ Electric propulsion vacuum facility
- ➔ High-performance computing center
- ➔ Jet engine research facility
- ➔ Rocket, ramjet, and scramjet test cells
- ➔ Subsonic, transonic, and supersonic wind tunnels
- ➔ Zero-carbon energy laboratories



PROPEL YOUR FUTURE



World-Class Research

During its nearly 70 years of academic achievements, the department has become well-known as a center of excellence in research. According to the Shanghai ranking, the faculty is among the top Aerospace Engineering faculties worldwide, and it is ranked 25th globally.



Cross-Disciplinary Environment

Our research thrives on partnerships. We foster interdisciplinary projects across the Technion's top-tier engineering and science departments, cultivate strong ties with local advanced technology industries, and engage in global collaborations with leading institutions worldwide.



Financial Support

Comprehensive financial support, including tuition, stipend, and housing for MSc and PhD students, as well as funding for travel to national and international conferences.



A Great Location

The Technion is located in Haifa, part of Israel's northern district. With almost 3000 years of rich history on one hand and a center of cutting-edge high-tech industry and scientific research hubs on the other, Haifa is a modern city and a vivid tourist center known for its scenic views, places of interest, and nightlife.



International Atmosphere

A diverse multinational department with students and faculty members arriving from academic centers worldwide. International students enjoy close support provided by the Technion's International Studies center. The graduate studies programs are in English.



Proven Impact

Our alumni excel in both industry and academia, holding key positions in leading organizations worldwide.

→ **Industry:** IAI, Mobileye, AirEV, AstroScale, Gilat Satellite Networks, Redis Lab, NASA, nVIDIA, Spacell, SpearUAV, Airbus Helicopters

→ **Academia:** Technion, MIT, University of Michigan, Rensselaer Polytechnic Institute, Oxford, Haifa University, The University of Texas at Austin



"For over 70 years, our department has proudly graduated exceptional MSc and PhD students, many of whom have assumed influential positions in both academia and industry. Our commitment to excellence in education, research, and innovation, combined with our family-like atmosphere, sets us apart, fostering an environment where future engineers and scientists thrive and make meaningful contributions to their fields."

Professor Gil Iosilevskii



Contact us:

If you are considering pursuing graduate studies and are seeking more information to guide your decision-making process, we are here for you. Contact us with any questions you may have!

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Facts & Figures

The only Aerospace Engineering department in Israel

2025 Shanghai Global Ranking: 21

Number of Faculty Members: 24

33% International Faculty Members

Graduate Student Numbers

- ME Students: 26
- MSc Students: 114
- PhD Students: 46

**24% Female Students
16% International Students**

International Students From:

Canada, China, Germany, Greece, India, Italy, Philippines, Poland, Russia, Turkey, UK, Ukraine, USA

All numbers are as of 2026

