

# GRADUATE STUDIES IN AEROSPACE ENGINEERING

## EXPLORE YOUR BEST SELF

JOIN OUR  
ELITE  
FORCES

Technion Israel Institute of Technology is a major source of the innovation and brainpower that drives the Israeli economy. Coupled with the innate Israeli innovative spirit, these achievements have helped earn the country's reputation as the world's "Startup Nation."



World-leading  
AE faculty



Advanced  
research topics



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### We offer a range of research positions in top niche specialization areas:

- > Aerodynamics Laboratory
- > Aerospace Plasma Laboratory (APL)
- > Autonomous Navigation and Perception Laboratory (ANPL)
- > Krumbein Structures Laboratory
- > Philadelphia Flight Control Laboratory
- > Propulsion and Combustion Laboratory
- > Turbomachinery and Heat Transfer Laboratory
- > Distributed Space Systems Laboratory (DSSL)
- > Cooperative Autonomous Systems (CASY) Laboratory
- > Computational Laboratory for Aerospace Structures

# FACULTY OF AEROSPACE ENGINEERING

The faculty of Aerospace Engineering at the Technion, established in 1954, is the sole source of aerospace engineers in Israel. The faculty members conduct research and teach a wide range of aerospace disciplines. The Aerospace Research Center consists of the Aerodynamics (wind tunnels) Laboratory, the Aerospace Structures Laboratory, the Combustion and Rocket Propulsion Laboratory, the Turbo and Jet Engine Laboratory, the Flight Control Laboratory and more.

During its nearly 60 years of existence, constant efforts have been made to

maintain and strengthen the department's excellence in research. The high quality of the academic work performed by faculty members is reflected in their appointments to Israeli, US and international academies, their election to governing bodies of national and international professional associations, and their memberships on editorial boards of scientific journals. Three faculty members have received the prestigious Israel Prize, the highest national award in the country, for their lifetime achievements in aerospace engineering research.

**The Aerospace Faculty is ranked 16 in the 2021 Shanghai Global Ranking**

## Ph.D.

The doctoral program is designed to train students to conduct independent scientific research. Students' research should significantly promote the knowledge and understanding of the specific area of study, and should be suitable for publication in an internationally recognized scientific journal. Most of the PhD students' time will be dedicated to research.

**Admissions requirements:** Above 80 for both coursework and the Master's degree thesis. Highly qualified MSc students will be eligible to apply to the direct PhD track.

## M.Sc. with a thesis

The goal of the Master's program is to expand students' knowledge in the fields of aeronautics and aerospace, and to provide training in relevant research methods.

**Admissions requirements:** Undergraduate degree average grade of at least 83.

**Applicants may be required to submit GRE (general test) scores, with a recommended score of 3.5 and above in analytical part. For more detailed information for applicants see:**  
<https://aerospace.technion.ac.il/studies/graduate-studies/applicants/>

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

**Tuition:** Enjoy the benefits offered to International Graduate Students:  
Free tuition | Full-time job scholarship\* | Subsidized on-campus housing\*\*

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

**Information for Applicants:** <https://aerospace.technion.ac.il/studies/graduate-studies/applicants/>

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