

# GRADUATE STUDIES IN CHEMICAL ENGINEERING

## EXPLORE YOUR BEST SELF



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".

### Why Chemical Engineering?

- The Wolfson Department of Chemical Engineering is training and educating the engineers and researchers who will spearhead the future Chemical / Bio Chemical Energy and Environmental industry and academia.
- The graduate study program in the department aims to provide the students with dedicated tools to become experts in their specific research topic on the one hand, and on the other hand equip them with a broad spectrum of basic knowledge that will allow them to contribute to diverse fields of industry and research.
- The productive research environment and cutting-edge technology provide the basis for ground-breaking scientific discoveries.

## The research conducted at the department deals with forefront issues of global science such as:

- > Biosystem and Bioengineering
- > Environment, Water Membranes and Desalination Process
- > Colloid and Interface Science
- > Polymer Science and Technology
- > Advanced Materials
- > Catalysis, Process System Engineering and Transport Phenomena
- > Alternative Fuels and Energy

## The department offers the following graduate studies tracks:

### **Master of Science (M.Sc.) in Chemical Engineering**


This is a thesis-based track designed for outstanding students holding a BSc in Chemical Engineering.

### **Master of Science (M.Sc.)**

This is a thesis-based track designed for outstanding students holding an engineering BSc other than Chemical or BSc in Exact Sciences.

### **Master of Engineering (M.E.) in Chemical Engineering**

This track is without a research thesis.

 A **Ph.D.** program where students are required to complete 10 academic points (coursework), and complete research work and submit a thesis.

## Apply in 3 simple steps:



Complete registration forms.



Find a research advisor via the faculty website:  
<https://chemeng.technion.ac.il>



Complete a personal interview, focused on your personal and academic background.

## Enjoy the benefits offered to international graduate students:

Full scholarship\* | Monthly Stipend | Subsidized on-campus accommodations\*\*

*\*Following the Technion's regulations and based on advisor's agreement. \*\*Contingent on availability.*

For more information, visit our website at: <https://chemeng.technion.ac.il/>  
or <https://int.technion.ac.il/>

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