

# Summer School in Engineering and Science For Outstanding Postgraduate and Senior Undergraduate Students

## Social and Cultural Activities

Students participate in industry visits and trips to Israel's tourist attractions as well as leading companies, startups and investment companies to explore Israel's unique entrepreneurial economy. On campus, students get to meet Technion faculty, visit laboratories, and engage with lunchtime speakers providing in-depth exposure to Israeli and Middle Eastern culture and history. On-campus social activities are led by Technion International's experienced student guides.

## Housing & Facilities

Students are housed in campus dorms. Each room in a 3-bedroom apartment accommodates 2 students, and each apartment offers a shared kitchen and bathroom. Students have access to Technion's excellent facilities that include 3 swimming pools (one Olympic-sized), gym, tennis and squash courts, movie theatre, over 20 cafeterias, a pub, and laboratories as required.

## Admission Requirements & Cost

Excellent undergraduate and graduate students (BSc, B-TECH, MSc, PhD) are invited to apply. Submit your application form together with your university transcripts, CV, and one letter of recommendation. The minimum required grade point average is 80.

Acceptance to each academic course is dependent on approval of pre-requisites by Technion faculty.

Cost of the program is \$4500 including tuition, housing and all other activities (trips, industry visits, labs etc.) Cost does not include airfare and food. For additional information: [summer@int.technion.ac.il](mailto:summer@int.technion.ac.il)

## Technion – Israel Institute of Technology

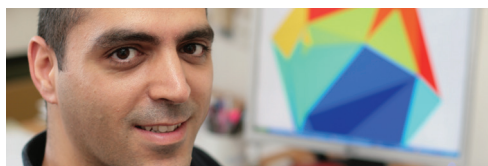
Technion — Israel Institute of Technology is Israel's premier center of science and technology education and applied research. Founded in 1912, Technion is Israel's oldest university and is home to a superb faculty including three Nobel Laureates, 13,000 students, 18 faculties and more than 40 research institutes. Ranked among the world's top 50 technological universities by Shanghai Jiao Tong University's prestigious Academic Ranking of World Universities (ARWU).



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B-way Interactive

The summer program allows students to create a rigorous academic experience that combines an advanced course in engineering or science with an exciting social and cultural program at Israel's premier center of science and technology education and applied research. **Courses include:**



## Electrical Engineering

- Image Processing and Analysis
- Introduction to Machine Learning



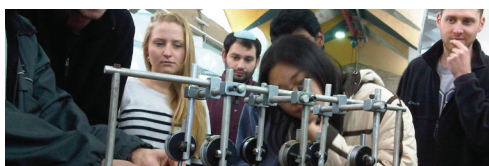
## Aerospace Engineering

- Distributed Space Systems
- Principles of Guidance and Homing



## Mathematics

- Nonnegative Matrices – Theory and Applications



## Mechanical Engineering

- Theoretical Tribology



## Humanities

- History of the Middle East & Basic Hebrew



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Learn more  
about our  
programs

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[int.technion.ac.il](http://int.technion.ac.il)