

Technion - Israel Institute of Technology: Fact Sheet

Technion fast facts:

- Founded: **1912**
- Student population: **13,253**
- Academic Departments: **18**
- Undergraduate programs: **50**
- Graduate programs: **81**
- Degrees awarded: **98,694**
- Faculty: **630**
- Technical and administrative staff: **1,081**
- Research centers: **58**
- Buildings on campus: **90**
- Built-up area: **474,301 m²**
- Dormitory beds: **4,424**

Technion Vision: A science and technology research university, among the world's leaders, dedicated to the creation of knowledge and the development of human capital and leadership, for the advancement of the State of Israel and all humanity.

World Class Science: The Technion has earned a global reputation for its pioneering work in nanotechnology, life sciences, stem cells, water management, sustainable energy, information technology, biotechnology, materials engineering, aerospace and industrial engineering. It is one of just 10 universities in the world that has built and launched a satellite.

Nobel Prizes: Three Technion professors have won Nobel Prizes in the past 9 years. Avram Hershko and Aaron Ciechanover won the 2004 Nobel Prize in Chemistry for discovering ubiquitin—the mechanism responsible for disassembling protein in cells. In 2011, Dan Shechtman won the Nobel Prize in Chemistry for the discovery of quasicrystals—an entirely new form of matter.

Interdisciplinary Research: The Technion has established a growing network of research centers in such fields as nanotechnology, energy, water, life sciences, autonomous systems, computer engineering, aerospace, software and neuroscience.

Synergy Between Medicine and Technology: The Technion is one of a handful of science and technology universities that also has a medical school, and the synergy between life sciences and engineering leads to important breakthroughs that are only possible in such a multidisciplinary environment.

Ranked 6th in the World in Entrepreneurship and Innovation, in the first comprehensive survey conducted by MIT.

Technion Alumni - Driving Israel's High-Tech-Based Economy: Israel's stunning rise in the high-tech arena can be largely credited to the Technion, supplier of the innovative scientists, engineers, entrepreneurs and creative technologies. Companies such as Google, Apple, Microsoft, IBM, Qualcomm, Yahoo!, HP and others established their operation near campus, where they can take advantage of the Technion's research power and outstanding graduates.

Some facts:

- In an August 2013 report by Bloomberg Rankings, the Technion was named one of the "Top 10 Colleges for Tech CEOs." The Technion (tied for #7) is the only university outside of the U.S. on the list.
- More than 70% of Technion graduates are employed in the technology companies that drive Israel's economic growth.
- 25% of Technion graduates are CEOs and vice presidents.
- 17% of Technion graduates have worked in start-ups, without parallel in the entire developed world.
- 23% of Technion graduates start at least one new company during their work careers.
- 68% (49 of 72) of Israeli companies listed on NASDAQ were founded and/or are run by Technion graduates. As of the end of 2010, these companies had a combined market value of more than \$18.6 billion.
- Companies led by Technion graduates account for 51% of Israel's industrial exports.
- 41 Technion graduates are listed in Dun & Bradstreet's List of Top 125 business leaders.

Global University: The Technion has become a highly sought-after partner for collaboration by universities, research institutes, industries and governments from around the globe.

Technion in New York City: In December 2011, a partnership of Technion and Cornell University was chosen to establish a new applied science institution and campus in NYC. The Technion was sought out by Cornell, and selected by NYC, because of its long and successful track record in high-tech innovation and entrepreneurship, leading to prolific start-up company creation, on the one hand, and attracting huge multinational technology companies to set up R & D centers nearby. The heart of the new NYC campus is the Jacobs Technion-Cornell Innovation Institute. The first class will begin studies in the September 2014.

International Students: Technion has a growing number of students from around the world, in a diverse range of programs at the undergraduate and graduate levels.