Aalto University is a multidisciplinary scientific and arts community, working in the fields of technology, business and art. It was founded in 2010, when Helsinki University of Technology, the Helsinki School of Economics and the University of Art and Design Helsinki were merged.

Schools and departments

**School of Arts, Design and Architecture:** Architecture; Art; Design; Film, Television and Scenography; Media

**School of Business:** Accounting; Communication; Economics; Finance; Information and Service Economy; Management and International Business; Marketing

**School of Chemical Technology:** Biotechnology and Chemical Technology; Chemistry; Forest Products Technology; Materials Science and Engineering

**School of Electrical Engineering:** Automation and Systems Technology; Electrical Engineering; Electronics; Communications and Networking; Micro- and Nanosciences; Radio Science and Engineering; Signal Processing and Acoustics

**School of Engineering:** Applied Mechanics; Civil and Environmental Engineering; Civil and Structural Engineering; Engineering Design and Production; Energy Technology; Real Estate, Planning and Geoinformatics

**School of Science:** Applied Physics; Biomedical Engineering and Computational Science; Computer Science and Engineering; Industrial Engineering and Management; Information and Computer Science; Mathematics and Systems Analysis; Media Technology
Who we are

Personnel

5,000 employees
350 of whom are professors.

Students

A total of 20,000 students, 3,500 of whom are doctoral students.
There are 2,300 foreign students.

Alumni

A total of 75,000 alumni.

Number of graduates each year: 170 with doctoral degrees,
1,200 with master’s degrees, 1,400 with bachelor’s degrees.
In addition to these, there are 340 MBA or EMBA graduates.
Where we are

In Finland

At Otaniemi, Espoo in the Helsinki metropolitan area we are building our main campus. Otaniemi will be the site of all university undergraduate studies. An architectural design competition for the campus is currently being held.

Töölö, Helsinki is the location of the School of Business.

Mikkeli is home to the School of Business Bachelor’s Degree Programme in International Business and the Small Business Center.

The Pori Unit of the Department of Art offers the Master’s Degree Programme in Creative Business Management and Master’s Degree Programme in Visual Culture.

Lahti is home to a unit of the School of Engineering.

Vaasa is home to the Western Finland Design Centre Muova, which is jointly run by Aalto University and the University of Vaasa.

Arabia, Helsinki is home to a majority of the School of Arts, Design and Architecture facilities. The school will move to Otaniemi in 2015.

Abroad

The Aalto-Tongji Design Factory is located in Shanghai. Aalto University Executive Education Ltd (Aalto EE) offers executive development services in Finland as well as in Poland, Sweden, Singapore, South Korea, Taiwan, China and Indonesia.
We educate

bachelors, masters and doctors
in the fields of science
and technology, business and
economics, arts, and architecture.

We also offer open university studies as well as continuing and executive education.

At Aalto University, students can affect the content of their studies. Students have come up with ideas for major projects, such as the Startup Sauna, which encourages entrepreneurship.

The goal is to educate responsible, independent experts who have a clear understanding of the bigger picture.
We conduct top-level research

at 6 schools, in 36 departments and in numerous research units. For example, in the fields of biomedical engineering, signal processing, neurosciences, biomimetics and microeconomics.

“We develop new next-generation materials. The time span from basic research to the first commercial applications is at least ten years.”

Academy Professor Maarit Karppinen, Department of Chemistry, School of Chemical Technology

“We organise atoms in the world in different ways. We consider the most optimal way to use this limited number of atoms.”

Centre of Excellence Director, Professor Risto Nieminen, Department of Applied Physics, School of Science

“The human brain is basically the same it was tens of thousands of years ago, but people and their skills are completely different. Our brains are moulded by our surroundings, culture and tools. This is why it is important to study the brain in experimental situations that are as naturalistic as possible.”

Academician of Science, neuroscientist Riitta Hari, O.V. Lounasmaa Laboratory, School of Science

“Solar power has enormous potential. I am fascinated by solving the technical challenges related to it. My dream is that technology developed by me will be utilised by the global photovoltaic industry.”

Assistant Professor Hele Savin, Department of Micro- and Nanosciences, School of Electrical Engineering

We have:

▸ 3 of the 12 Academicians of Finland
▸ 5 of the Centres of Excellence in Research (CoE) named by the Academy of Finland, in addition to which we are involved in two CoEs coordinated by other institutions
▸ 7 of the Academy Professors appointed by the Academy of Finland
▸ 12 recipients of research grants from the European Research Council (ERC)
▸ 19 international FiDiPro Professors and Fellows funded by the Academy of Finland and Tekes – Finnish Funding Agency for Technology and Innovation. Their goal is to establish an entirely new kind of research community between the university and the business sector.
Artistic activities

Art, design and architecture are, in addition to science, the core engines of our society. They help us to examine the world, society and cultural heritage from surprising perspectives and make it easier to define and solve problems. They also serve as links between the phenomena of life, thus forming new meanings, applications, creativity and innovations.

We influence

...by networking with the business sector and other areas of society in research, alumni activity, study projects and partnerships.

Aalto Factories

Design Factory, Media Factory, Service Factory and Health Factory combine the expertise of the schools in the fields of product development, media, services and health care and welfare. The factories bring students, researchers and businesses together to work on joint projects.
We embrace responsibility not just for the success of our own community, but also for the future of the whole world and Finland. This is both an honour and a privilege.

**Freedom**

which is a cornerstone of academic thinking. It means the permission, or even responsibility, to ask and question things – but also the willingness to respond and take a stand.

**Courage**

– At Aalto University we do not like to think of anything as categorically impossible – even though not everything is possible. Repeated trial and error, even in the face of failure, has been the source of many scientific breakthroughs.

**Responsibility**

not just for the success of our own community, but also for the future of the whole world and Finland. This is both an honour and a privilege.

**Integrity**

i.e. honesty, equality, impartiality and respect for others.
Our goal

Aalto University’s mission is two-fold: a better world and a stronger Finland.

The mission of building a better world has historically been the common denominator for institutions of science and art. Realising this is both an enhanced responsibility and an exceptional opportunity for Aalto University, because both ways of examining the world are combined in the university.

Our national mission is to reinforce the international position of Finland, its competitiveness and the wellbeing of Finns.