

# Aalto University Fact sheet 2018

## Schools of Technology

Aalto University welcomes exchange students to our multidisciplinary community where science and art meet technology and business. Our mission is to shape the future, and we provide excellent education for future visionaries and experts.



### **School of Engineering** Courses in English

Building Technology  
Energy Technology  
Geoengineering  
Geoinformatics  
Mechanical Engineering  
Real Estate Economics  
Spatial Planning and Transportation Engineering  
Water and Environmental Engineering

### **Fields of Study**

Please see the links below for courses taught in English. Courses in Finnish and Swedish are also available.

### **School of Chemical Engineering** Courses in English

Biomass refining  
Fibre and Polymer Engineering  
Biotechnology  
Chemistry  
Functional Materials  
Sustainable Metals Processing  
Chemical Engineering  
Biosystems and -materials

### **School of Electrical Engineering** Courses in English

Automation and Systems Technology  
Communications Engineering  
Electronics and Electrical Engineering  
Bioinformation Technology

### **School of Science** Courses in English

Computer Science  
Industrial Engineering and Management  
Engineering Physics  
Mathematics and Operations Research  
Biomedical Engineering and Neuroscience

# Academic Schedule

## Autumn Term

August - December, periods I and II. Teaching and exams 10 Sept – 21 Dec 2018.

## Spring term

January - July, periods III, IV and V. Teaching and exams 2 Jan – 24 May 2019.

In the Autumn Term, orientation for exchange students begins about a week before teaching.

## What you can study

Study programmes are updated in the summer for the following academic year. There are some changes in the course selection every year. Hence, students must be prepared to make changes in their study plans upon arrival under the guidance of exchange coordinators.

At least 2/3 of the courses in the exchange student's study plan should be selected from one school. The remaining 1/3 of courses can be taken from other Schools of Technology of Aalto, as long as the prerequisites are met. Exchange students are not allowed to take courses from the School of Arts, Design and Architecture or the School of Business. However, a good selection of interdisciplinary courses is available. These [Aalto courses](#) combine expertise and approaches from various fields.

Regardless of their level in their home university, exchange students may take Bachelor or Master level courses, provided that the prerequisites are met. The majority of courses offered in English are on the Master level.



Aalto University strongly recommends at least two to three years of bachelor's studies before arrival. If you have doubts about the correct level, please contact the exchange coordinators.

Extending the student exchange is possible, if certain conditions are fulfilled. Please contact the coordinators as early as possible for the practicalities.

The students can order a [digitally signed](#) transcript of records and submit this to the home university. On request, a signed and stamped paper version can be sent to the student.





## Grading and credits

The grading scale is 1-5 (1 is the lowest passing grade and 5 the highest) or pass/fail

The scope and workload of courses is given in ECTS (= European Credit Transfer System) credits. One credit corresponds to 27 hours of work, including lectures and other forms of instruction, exercises, seminars and independent work at home and in the library. The scope of a course can be 1-15 credits depending on its content.

There are no set limits on how many courses students can take. However, Aalto University expects exchange students to study full time and pass courses with good grades. A full study load is 30 ECTS per semester, which corresponds to about 800 hours of studying.

## Applying

### Dates

**April 30:** Deadline for applications for the next autumn term or academic year.

**October 15:** Deadline for applications only for the spring term.

Please verify the dates online.

### Applying procedure

After the home university has sent a nomination email to Aalto University's exchange coordinator, the nominated students receive application instructions and a link to the online application by email. The nomination email should therefore include the students' contact information.

The online application will open one month before the deadline. Late or incomplete applications will not be processed.

The application results will be ready within one and a half month after the application deadline.

### Instructions for applying

[School of Chemical Engineering](#)

[School of Electrical Engineering](#)

[School of Engineering](#)

[School of Science](#)

### Language requirements

For all incoming exchange students:

- If the language of instruction at home university is English, no language certificate is needed.
- If the language of instruction at home university is other than English, exchange students need either an official language test certificate or a certificate from an English language teacher/professor stating that the student has sufficient language skills to study in English in his/her subject area.

# Practicalities

## Accommodation

The university does not own any student housing but cooperates with housing providers. Students apply for housing themselves according to the instructions given by Aalto.

The housing situation in Helsinki metropolitan area is difficult, especially in the autumn. Aalto University cannot guarantee student accommodation for all exchange students.

Student Union ([AYY](#)) membership is compulsory for students living AYY apartments and highly recommended for all, as it gives access to benefits, discounts and activities.

## Visa /residence permit

Students coming outside of EU/EEA countries need a visa or a residence permit. To apply, please visit the [web pages](#) of the Finnish Immigration services.

## Insurance

Students from non EU/EEA countries are required to have valid health insurance for obtaining a residence permit for studies lasting more than 3 months. A good insurance is recommended for all exchange students. See for example SIP Insurance ([www.sipinsurance.eu](http://www.sipinsurance.eu)).

## More information

Please read Aalto schools' sites for incoming exchange students. They offer important, useful and updated information on applying, housing, studying, orientation, and other topics.

[School of Chemical Engineering](#)

[School of Electrical Engineering](#)

[School of Engineering](#)

[School of Science](#)

In addition, please see our [Welcome Guide](#) for international students.

Aalto University's [homepage](#).

