



# UNIVERSITY PATHWAY FINLAND

Science - Technology - Economics



**Your route to**

**world-class education**

# Table of contents

3	<a href="#"><u>Build your future in Finland</u></a>
5	<a href="#"><u>Get to know the universities</u></a>
9	<a href="#"><u>Progression programmes</u></a>
11	<a href="#"><u>Basic information</u></a>
12	<a href="#"><u>The study programme</u></a>
13	<a href="#"><u>What our students say</u></a>
14	<a href="#"><u>How the University Pathway Finland works</u></a>
15	<a href="#"><u>Study in Finland</u></a>
17	<a href="#"><u>Contact</u></a>

# Build your future in Finland

The University Pathway Finland gives international students an excellent opportunity to prepare and gain admission for degree studies in Finland while studying from home. The digital programme is offered by Aalto University, Tampere University and the University of Oulu, three highly ranked universities in Finland.



Image taken from Nuuksio National Park. Image by Sakari Piippo.

# Why study in Finland?

Build your future in Finland

**No. 1 happiest country in the world for seven years in a row**

World Happiness Report



**Ranked in the top 8 countries in the world in providing higher education**

U21 Ranking of National Higher Education Systems



**No.1 in education and life satisfaction**

OECD Better Life Index

**No. 2 gender equality in the world**

World Population Review

**No.1 environmental health and air quality**

World Health Organisation

**Good selection of world-class universities**

QS Top Universities



Images from top to bottom: (1) image by Riitta Supperi, Finland Promotion Board; (2) image by Datingscout on Unsplash; and (3) image by Petri Anttila.

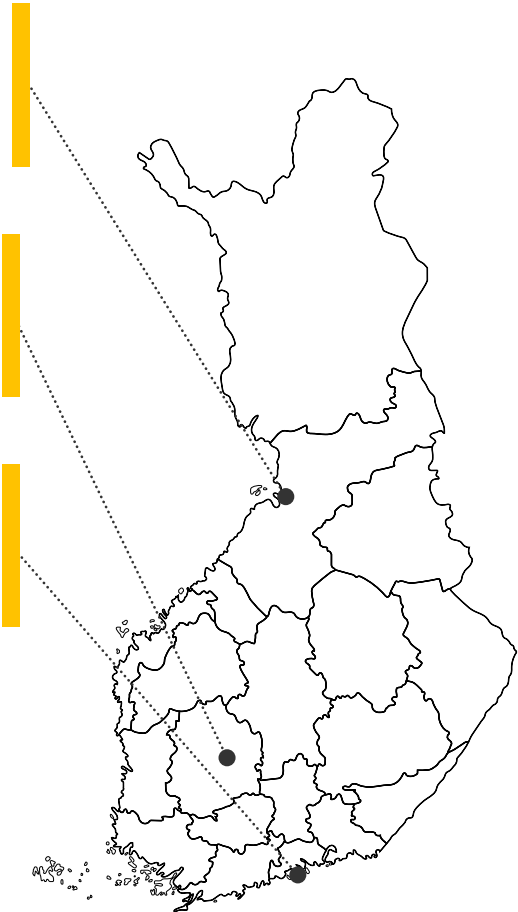
# Get to know the universities

The University Pathway Finland 2024-2025 programme is provided by Aalto University, Tampere University and the University of Oulu.

The **University of Oulu** is located in the northern seaside city of Oulu. The region is home to many hi-tech companies and research institutes and is well connected to the rest of Finland by land and air.

**Tampere University** is located in the city of Tampere, around 180 kilometres from Helsinki. The Hervanta campus and the surrounding area constitute a major technology hub.

The **Aalto University** campus locates in Otaniemi, in the Helsinki metropolitan area. The campus is home to a lively community with only 15 minutes' travel to the Helsinki city centre.



# Aalto University

Get to know the universities

Aalto University is founded on high-quality research, education, impact, and shared values of responsibility, courage, and collaboration. At Aalto University, we are committed to identifying and solving grand societal challenges and building an innovative and sustainable future. We offer teaching and learning that is future-led and strongly emphasises collaboration with industries and society. Our highly international university is home to 12,000 students and a staff of 4,500.

Aalto University placed 21st in Times Higher Education (THE) Young University Rankings for 2024. Aalto University also ranks 53rd in this year's list of the most international universities in the world by Times Higher Education.

[Read more about Aalto University on our website →](#)



Image of the Aalto University campus. Image by Suomen Ilmakuva.

Tampere University is one of the most multidisciplinary universities in Finland. Almost all internationally recognised fields of study are represented at our university. We bring together research and education in technology, health and society. Our collaboration with our partners is built on our strengths, unique combinations of scientific disciplines and applied expertise. Tampere University is a community of 21,000 students and close to 4,000 staff members.

Tampere University placed 45th in the world in Times Higher Education (THE) Young University Rankings for 2024.

[Read more about Tampere University on our website →](#)



Image of Hervanta campus in 2021. Image by Markko Kallio.

# University of Oulu

Get to know the universities

The University of Oulu is an international science university that creates new knowledge, well-being and innovations for the future through research and education. The University of Oulu consists of 8 faculties and many specialised research units and is home to approximately 13,800 students and 3700 employees. Every year, nearly 4 000 new students start their studies at the bachelor's, master's or doctoral level to pursue a degree or for an exchange period. We aim to maintain a healthy relationship between students and teachers leading to students' higher levels of satisfaction. At the University of Oulu, we constantly strive to produce new scientific knowledge and solutions to build a more sustainable, intelligent and humane world.

The University of Oulu is ranked in the top 3% among the world's universities, and Times Higher Education (THE) ranked the University of Oulu among the top 300 universities in 2024.

[Read more about the University of Oulu on our website →](#)



Image of the Linnanmaa campus. Image by University of Oulu.



# Progression programmes

By successfully completing the digital pathway programme and meeting the other admissions criteria, students can progress to study in one of the selected degree programmes.



**Economics,**  
Aalto University.



**Science and Engineering  
or Sustainable Urban  
Development,  
Technology**  
Tampere University.



**Digitalisation, Computing  
and Electronics,**  
University of Oulu.

**The Economics route** has one progression option at Aalto University

## **Economics**

### **Aalto University (Bachelor's and Master's degree, 3+2 years)**

The Economics degree programme provides tools and knowledge to understand and explain current phenomena in the world from an economic perspective. The programme has one track.

Images from left to right: (1) image by Unto Rautio; (2) image by Mika Kanerva; and (3) image by University of Oulu.

**The Technology route** has five progression options, two at Tampere University and three at the University of Oulu

### **Computing and Electrical Engineering**

#### **Tampere University (Bachelor's and Master's degree 3+2 years)**

The Bachelor's Programme in Science and Engineering is a cross-disciplinary programme that provides a solid grounding in several core engineering fields and the ability to follow rapid technological developments and apply scientific methods.

The Science and Engineering programme has two tracks:

- Computing and Electrical Engineering
- Natural Sciences and Mathematics

### **Sustainable Urban Development, Technology**

#### **Tampere University (Bachelor's and Master's degree, 3+2 years)**

Sustainable Urban Development, Technology, is a multidisciplinary degree programme offering fundamental studies in technology. It provides the skills and theoretical knowledge required to create sustainable built environments. In addition, students will take common courses with those from the Social Science and Administrative Science streams of the Sustainable Urban Development programme, working in interdisciplinary teams to solve real-life urban challenges.

### **Digitalisation, Computing and Electronics**

#### **University of Oulu (Bachelor's and Master's degree, 3+2 years)**

Digitalisation, Computing and Electronics is a degree programme providing solid skills and an extensive knowledge base in technologies required in the digitalised world. The programme has three tracks:

- Electronics and Communications Engineering
- Computer Science and Engineering
- Information Processing Science

**The Science route** has one progression option at Tampere University

### **Natural Sciences and Mathematics**

#### **Tampere University (Bachelor's and Master's degree 3+2 years)**

The Bachelor's Programme in Science and Engineering is a cross-disciplinary programme that provides a solid grounding in several core engineering fields and the ability to follow rapid technological developments and apply scientific methods.

The Science and Engineering programme has two tracks:

- Natural Sciences and Mathematics
- Computing and Electrical Engineering

The progression conditions are tentative until the universities have made academic decisions concerning the admissions criteria for 2025. The universities will decide on admissions criteria and student intake numbers in June 2024.

# Basic information

Programme	University Pathway Finland
Credits	30 ECTS
Format	Online, part-time
Application period	5.6.-24.6.2024
Teaching period	19.8.2024–23.5.2025
Eligibility	High school or other upper secondary
Course fee	EUR 7500 (incl. VAT 24%)
Website	<a href="#"><u>University Pathway Finland</u></a>

# The study programme

The University Pathway Finland programme consists of online studies in mathematics, programming, the Finnish language & culture, English and academic skills that prepare you for university studies in Finland. The courses are taught by university teachers from Aalto University, Tampere University and the University of Oulu. The study programme is the same for all three routes.

In addition to the courses, we offer pathway students counselling, online social events, webinars, student tutoring and study groups that support the students in reaching their learning goals and prepare them for future life in Finland.

## Mathematics and programming

- Vectors and matrices 5 ECTS
- Analysis A: Limit and continuity 5 ECTS
- Differential and integral calculus 5 ECTS
- Programming I, 5 ECTS

## Finnish language and study skills for Finnish universities

- Survival Finnish 3 ECTS
- Finland studies 2 ECTS

## English

- English for Pathway students 5 ECT

[For more information about the courses visit our website.](#)

# What our students say

"During the Pathway studies, I've adopted a more proactive approach to studying. The detailed feedback from the teachers has been extremely helpful in improving my understanding."

"The teachers are always available to address questions or concerns outside class, which has been a valuable support system."

"The programme has helped me lay a solid foundation of mathematics and get to know Finnish culture."

"The pathway is a good opportunity for me to receive an excellent education in Finland at a distinguished university with an affordable tuition fee."

# How the University Pathway Finland works

- 1 Apply to the Pathway**

Fill in the online application form, attach the required documents and complete a short pre-assignment.
- 2 Take the entrance exam**

After you have completed the pre-assignment, our pathway staff will review your documents. If you are eligible for the programme, we will invite you to an online entrance exam. The highest-ranking applicants will be invited to an oral exam and interview.
- 3 Confirm your study place**

We will send an admission letter and the terms and conditions of the programme to accepted students. You need to confirm that you accept the offer and pay the tuition fee before the studies begin.
- 4 Study the pathway courses and secure the other admission requirements**

We recommend that you also study for the required language certificate in your home country if you do not yet have one.
- 5 Get admission to degree studies**

You need to

  - Pass all the Pathway courses and reach the required threshold GPA
  - Apply in separate admissions for Pathway students
  - Submit the required English language certificate
  - Submit certificate of an upper secondary degree, which makes you eligible for higher education in the awarding country

# Study in Finland

**Finland** is renowned for its excellent education, clean nature and safe and well-functioning society. Finland offers inspiring and diverse career opportunities for international talent in both the Helsinki metropolitan area and the city of Tampere.



## **Finland is a home to many talents**

Boasting the largest technology hub of the Nordic countries, Finland is a world leader in information technology, business, design and many other academically centred fields.



## **Experience our unique four seasons**

Nature plays an essential role in the daily lives and identity of Finns. Characteristic of Finland and its nature are the four seasons – warm and bright summer nights contrasting with the peaceful darkness of winter months. And – if you're lucky – the magic of the northern lights!

Images top to bottom: (1) image by Unto Rautio; and (2) image by Tapio Haaja.





### **Focus on wellbeing**

Finland's student unions and associations look after students' interests and organise free-time activities like sports and cultural events. Student health services are provided at a very low cost, and there are many wellbeing services available without charge.



### **High-quality learning environments**

Universities in Finland provide students with modern learning environments and facilities, including high-quality classrooms, virtual learning environments and free libraries.

**Finland's** excellent reputation in education, combined with a wide range of courses offered in English, makes the country an attractive study destination for international students.

Images top to bottom: (1) image by Heidi Strenzell; and (2) Aalto University Business Department, image by Unto Rautio.

# Contact

Aalto University  
[pathway@aalto.fi](mailto:pathway@aalto.fi)  
[pathway.aalto.fi](http://pathway.aalto.fi)