

Student selection criteria 2024: admission to Bachelor's and Master's education in Science and Engineering on the basis of the pathway route

University Pathway Finland studies are aimed at those who wish to apply for admission as degree students in selected Bachelor's degree programmes offered in English at Aalto University, Tampere University and University of Oulu. At Tampere University, it is possible to apply for admission on the basis of the pathway route to two study options, both leading to the degrees of Bachelor of Science (Technology) and Master of Science (Technology). The studies measure the students' aptitude and interest in the field as well as their ability to study and their motivation to complete a degree, while also preparing the students for studies in Finland. The admission route which is based on the University Pathway Finland studies complements existing admission routes (certificate-based admission, admissions based on SAT tests, Finnish MAOL competition route, open university route application, transfer application). It enables students for whom it is not possible to apply for admission through joint admissions or open university routes (e.g. it is not possible for the applicant to take the SAT test or complete open university studies in Finland) to apply for admission in bachelor's degree education. Pathway studies are aimed at applicants who have completed or are currently completing studies outside of Finland which give them eligibility for university studies. Pathway studies are offered as complementary studies and are subject to a fee. The pathway studies are coordinated by the Aalto Summer School, the studies are implemented in cooperation between Aalto University, Tampere University and Oulu University.

Admission to the pathway studies is applied for during a specific application period via an online application form provided by Aalto University. Students are selected to the pathway studies on the basis of an online skills test and an interview. When students apply for admission to the pathway studies, they will choose a track (Science & Technology or Economics) and apply for admission as a degree student in the programmes included in that track. The amount of students selected to complete the pathway studies on the basis of points received from the skills test and the interview will be equal to the number of study places available for application on the basis of pathway studies in the tracks. Admission in the Tampere University programmes will be applied for in the Science & Technology track.

A student may apply for the study right to degree studies in spring 2024 on the basis of completed pathway studies in a separate application organised jointly by Aalto University, Tampere University and University of Oulu. **The student may apply to all of the programmes available for application in the student's track which the student will place in priority order. A waiting list is used in the admissions process.**

Each university confirms its own student selection criteria.

Eligibility

Applicants eligible for admission to programmes leading to a university degree have completed a qualification which gives eligibility for studies leading to a higher education degree as defined in the Universities Act 558/2009 (§ 37). Admission to these study options will comply with the

general eligibility requirements for Bachelor's and Master's degrees in Tampere University in 2024 and other admission guidelines on applicants' eligibility and language skill requirements.

The applicant must graduate with the degree providing eligibility for higher education studies before the beginning of degree studies (with the exception of applicants completing a Finnish matriculation examination or an IB, EB or DIA/RP degree in Finland who will follow the national deadlines for completing and verifying their degrees). The admissions decision of those applicants who complete their degrees in spring and summer 2024 will be conditional until the applicant delivers documentation of a completed degree before the deadline given in application instructions.

English language skills will be verified according to the Tampere University general eligibility requirements. In addition, in admission on the basis of pathway studies, an applicant may also demonstrate their English language skills with an SAT test result. The points received in the SAT test must meet the minimum requirements defined in the student selection criteria for degree education in Science and Engineering. An applicant may demonstrate their language proficiency at the earliest when they apply for the pathway studies. When the applicant demonstrates their language skills with a language test result which meets the requirements of the Tampere University general eligibility requirements, the test must be taken at the latest on the last day of the separate admissions application period 2024. The pathway studies cannot be used to demonstrate English language proficiency.

The right to study in a degree programme will be granted according to the guidelines defined in the Tampere University degree regulations and general eligibility requirements. Only an applicant who does not have a right to study for a Bachelor's and Master's degree (Technology) at Tampere University may be admitted as a degree student on the basis of pathway studies.

Intake

The amount of students admitted to the pathway studies will be defined so that all students admitted to complete the pathway studies in a certain track may be admitted as a degree student in one of the study options included in that track if they fulfill the admissions criteria and apply for admission in all study options in that track. The intake quota in the Tampere University programmes will be confirmed in the decision on admission intake 2024 signed by the University president.

General requirements for admission

Student selection to the Degree Programme in Science and Engineering will be carried out through two study options (Natural Sciences and Mathematics and Computing and Electrical Engineering). Both study options will follow the same general eligibility requirements. The Master's programme in which the student will continue studies after the Bachelor's degree is determined in the Degree Programme in Science and Engineering on the basis of intermediate studies taken in bachelor's degree. The student selects the intermediate studies they take during their Bachelor's degree studies.

Applicants who fulfill the general eligibility requirements will be evaluated and placed in order on the basis of the grades of the completed University Pathway Finland studies for the admissions process.

The applicant must complete the pathway studies with the required GPA during one academic year (2023-2024) in order to be admitted as a degree student in the separate admission process in 2024. The grades achieved and registered by 03.06.2024 will be taken into account in the admissions process.

In order to be admitted as a degree student in the separate admissions process in 2024, the student must complete the mathematics and programming courses included in the pathway studies with a minimum GPA of 3,50/5,00. Other courses must be completed with an accepted grade. The admissions scores of applicants will be calculated on the basis of the GPA of the grades of the mathematics and programming courses included in the pathway studies. The GPAs are unrounded averages of grades weighted with the number of credits. Students are selected in the order of received admissions scores. If more than one applicant has the same admissions score, the combined points the students have received in the exams for the mathematics and programming courses will be decisive. If after this more than one applicant still have the same score, all students with the same score will be admitted.

The required University Pathway Finland courses (30 ECTS):

Courses in 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

Other required courses:

Survival Finnish 3 ECTS

Finland Studies 2 ECTS

Preparatory English 5 ECTS

The required courses are taken during the academic year 2023-2024 as online studies aimed at pathway students. Aalto University is responsible for the coordination of the pathway studies and the guidance of students.