

ÅBO AKADEMI UNIVERSITY

## Åbo Akademi University

Åbo Akademi University (ÅAU) is the Swedish-language multidisciplinary academic university in Finland.

The university is small enough for our professors to be easily accessible. At the same time, we offer a wide range of educational options. It means that you will be provided with individual guidance and the opportunity to tailor your studies for a unique degree. And, thanks to our networks of international contacts all over the world, you will be able to conduct part of your studies abroad. Through cross-border collaboration, we serve as the gateway to Finland for the Nordic countries. We endeavour to enhance diversity, inclusion, equality and sustainability.

In Turku, every fourth individual is linked with one of the universities either as a student or a staff member. In Vaasa, every fourth resident is a student. So, whether you choose Turku or Vaasa - welcome to conduct studies in a true university town with a dynamic student life!





**Nationalities on Campus** 



Employees



International Master Degree Programmes



4

**Faculties** 





## **Strategic Research Profiles**



Solutions for Health



Minority Research



Technologies for a Sustainable Future



**The Sea** 

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Publisher: Åbo Akademi University, 2023







## Welcoming new students

When been admitted, there is a lot to organize. On our web, we have gathered information about for example

- accepting a study entitlement
- health insurance and residence permits
- housing
- living expences
- orientation week
- student tutors

### **Student well-being**

Health and well-being goes hand in hand. To achieve a healthy and satisfactory life, it is essential to both grant yourself joyful moments and create balance in life. If you feel great, you will have better chances of carrying out your studies and reaching your goals.

Different services which are provided for students in matters of health and well-being:

- Study advisors
- Sports activities
- Study psychologist
- Support regarding harassment

## **Student life**

Student life is not only about studying and spending time in the library and attending lectures.

In Finland, student life highly centers around activities that student unions, associations and organizaions arrange.

Student associations arrange a wide variety of program around the year, such as sports events, movie nights, parties, concerts and skiing trips. At ÅAU we have over 80 student associations at your service.



## **Application**

You are an eligible applicant for Master's level studies if

- you have a nationally recognized bachelor's degree or equivalent to at least 180 ECTS or to three years of full-time study from an accredited institution of higher education,
- you meet the language requirements
- you meet the programme specific requirements; i.e. your degree is in a relevant field for the Master's degree programme that you're applying to.

Read more at <u>abo.fi/en/application</u>

## Scholarship

You can find information about scholarships for tuition fee-paying (non EU/EEA) applicants here: abo.fi/en/scholarship-programme-for-master-students

## **Tuition fee**

Citizens of non-EU/EEA countries, who do not have a permanent residence status in Finland, are liable to pay tuition fees.

Read more at <u>abo.fi/en/tuition-fees</u>

You will find the timetable for the application on our web.

## **Finland - the happiest country in the world**



Capital



5.5 million

**Population** 





**Currency unit** 



**Official languages** 



Four seasons



75 % of the surface is covered with forests The world's biggest archipelago

The land of midnight sun and aurora borealis

The land of thousand lakes and saunas



## Some of the components for the happy nation:

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Best governance in the world (The Legatum Prosperity Index 2023)

Most stable nation (Fragile States Index 2023)

Trust in fellow citizens (Eurobarometer 2018)

Most inclusive for minorities (Social Progress Index 2022)

Education (OECD Better Life Index 2022)

Sustainable Development (Sustainable Development Report 2022)

Most political and civil freedom (Freedom in the World 2022)







# Two vibrant student cities

### Turku

Turku (Åbo in Swedish) is Finland's oldest university town with traditions dating back to 1640. With more than 40,000 students, the city offers a safe and exciting environment for students to enjoy a vibrant student life. Most of the universities are located along the banks of the River Aura, a walk that also contains museums, restaurants, a theatre and examples of the medieval town.

With an international atmosphere and memorable student traditions, studying in Turku is often described as being an entirely unique experience with many international students picking up skills in both Swedish and Finnish during their stay. With excellent transport links and the famous archipelago lying just outside the city, Åbo has many enticing features for students looking to make use of their free time. The city is located 160 kilometres west of Helsinki (the capital of Finland) and also contains a port where cruises to Stockholm and The Åland Islands are easily accessed.

#### Vaasa

Our Vaasa campus is located in the city of Vaasa (Vasa in Swedish), often called the sunniest city in Finland. Vaasa is a true university city with many institutions of higher education bringing over 13,000 students to the area. The city of Vaasa is situated on the west coast of Finland with direct connections to Helsinki and Stockholm and Umeå in Sweden. The region is one of the most innovative in Finland and an important centre for Finland-Swedish culture. The Vaasa campus is small and friendly with easy access to services and outdoor activities.

The Kvarken archipelago, is a chain of 5 000 islands and a unique place to see the uplift of land that followed the last Ice Age. The gateway to the world heritage is located next to Finland's longest bridge.

## Living in Finland

### Public transportations

In the Turku region the public transportations name is Föli, and in Vaasa Lifti. Bikes are also a very common way to get around, and in Turku the city bike-share system is also a part of Föli.

### **Easy living**

Finland is known for being a safe country with a high standard of living. Finns trust authorities, and levels of crime and corruption are low. Equality, universal health care, a good education system and worklife balance are important pillars in the Finnish society. We work to make a living – not live to work.

#### **Student housing**

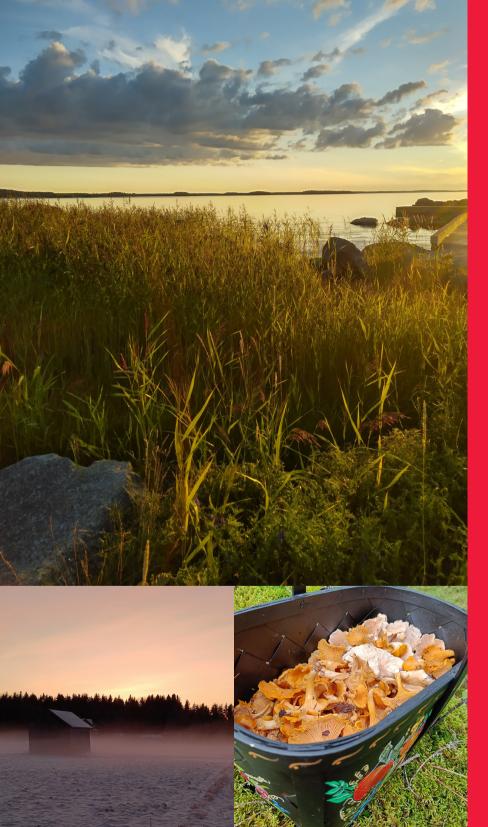
Universities in Finland are not responsible for the accommodation of students. Students must themselves apply for housing before arrival. Please find some alternatives presented on our web, below you will find two examples.

The Turku Student Village Foundation (TYS) is an independent foundation that provides housing for students. The rent includes electricity, water and heat. There are also apartments for families.

The Student Housing Foundation in Vaasa – VOAS offers different kind of apartments depending on the student's life situation: shared apartments, studios, two-room and threeroom apartments on a close distance to the university.

#### Nature is never far away

We have numerous lakes and forests, as well as a rich archipelago of approximately 180 000 islands. Even if you are in the middle of the city centre in Turku or Vaasa, the distance to the closest forest is short. Finland is called "the land of the thousand lakes", which is a suitable nickname, as there are 188 000 lakes here.



If you are considering moving to Finland to study, you might also be thinking about what you can do here in your spare time.

Finland has something to offer to everyone. Vibrant, modern cities and stunning, quiet nature for those who long for stillness. Here we list a few ideas of what you could do:

- Ruska trip to Lapland
- Get the Museum Card and get access to 300 museums
- Island hopping in the archipelago
- Go on a hike in one of Finland's 41 national parks. The Finnsih Everyman's right enable anyone to venture anywhere as long as they respect the environment.
- Try the best way to meditate go ice-swimming!
- Celebrate holidays as locals do
- Enjoy the traditional Finnish cuisine, built around ingredients straight from the water, land and forests.
- Explore the architechture, everything from old, wooden towns to works by the famous architect Alvar Aalto.
- Take a deep breath of the worlds cleanest air.

Study with us

The scope of all our Master Degree Programmes are 120 ECTS (two years) Turku



## Biomedical Imaging

**Master of Science** 

### **Studies**

The 2-year biomedical imaging master's degree programme (BIMA) covers a broad range of subjects in imaging and related topics, ranging from microscopy to medical imaging and digital imaging analysis, connected to, for example, cell biology, nanomedicine, anatomy or biophysics. In addition, students are given the opportunity to specialize in targeted areas of biomedical imaging through their choice of selectable major subject studies. Students will also gain practical experience working in a research group while doing an internship and their master's thesis project. The studies will provide students with a strong basis for further studies in an academic and professional context. The program is organized as a close collaboration between Åbo Akademi University and University of Turku.

#### Career

Upon successful completion of this programme, our students have gone on to work in a number of diverse roles within the biomedical and scientific sectors. Many of our students have continued to study at PhD level with success in a wide variety of fields ranging from biosciences to dentistry. Additionally, our students have obtained roles as imaging core facility personnel and lab technicians. A small sample of the titles obtained by our students include Multimedia Producer at the Institute of Biomedicine, Euro-Biolmaging Node Technician, and Coordinator at Turku Biolmaging.



## Information Technology

Computer Engineering (Turku), Master of Science (Technology) Computer Engineering (Vasa), Master of Science (Technology) Computer Science (Turku), Master of Science

## **Studies**

Structured to accommodate the broad range of skills required to succeed in the IT industry, students of this programme will also be given the choice to specialize in one of two given areas:

Computer Science: with a special emphasis on computational modeling, computational data analytics, and formal methods for safety-critical distributed systems. Computer Science is offered in Turku.

Computer Engineering: with a special emphasis on engineering of software intensive systems, with a focus on cloud computing, the industrial internet, safety-critical and autonomous systems. Computer Engineering is offered in Turku and Vaasa. Depending on their chosen area of specialization, students will graduate with a Master of Science degree in Computer Science or a Master of Science (Technology) degree in Computer Engineering with a specialization in Software Engineering.

## Career

As one of ÅAU:s most diverse programmes, past students of this programme are currently employed in a vast array of different disciplines. Just some of the roles achieved by our students include: CTO (Chief Technology Officer), Senior R&D Engineer, Lead Developer, Security Expert and System Designer. As well as other key areas including project management and advisory roles, many of our students have also used the programme as a springboard for further study and research in their chosen field.

## Sustainable Chemical and Process Engineering

Master of Science (Technology)

## **Studies**

Through practical and theoretical studies, this two-year programme aims to provide students with an indepth understanding of sustainable chemical and process engineering as a field and its imperative value to the growth of areas such as biofuel, energy efficiency, waste management and many more.

This master's degree programme consists of 12 months of courses and six months of thesis work with a threemonth summer break between the first and second academic year.

#### Career

Past students of this programme have gone on to succeed in a variety of different careers across a number of thriving sectors. As well as roles specific to the engineering industry, graduates have also achieved success in areas such as research, business development, project management and education. As this programme provides students with such a broad array of skills, it is an excellent starting point from which to build an academic or professional career that will constantly challenge those with an analytical mind.





FACULTY OF SCIENCE AND ENGINEERING

## Engineering of Data-intensive Intelligent Software Systems (EDISS)

From ÅAU: Master of Science (Technology) in Computer Engineering

#### **Studies**

EDISS is a two-year Erasmus Mundus Joint Master Degree (EMJMD) programme delivered by four partner universities – Åbo Akademi University, University of the Balearic Islands (Spain), University of L'Aquila (Italy) and Mälardalen University (Sweden). The area of specialization will determine which country and partner university the student will relocate to for the second year of the programme. The EDISS programme aims to bridge the gap between data scientists and software engineers by offering a range of courses that give the student a basis for engineering data-intensive intelligent software systems. Students will thus become experts in integrating data science and machine learning solutions into software and system engineering processes, which brings them to the forefront of the next generation of professionals that shape industry and society in the 21st century.

#### Career

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The job market has seen a significant growth in demand for expertise in data related fields. The expertise gained through the EDISS programme is still scarce among professionals in the field, a fact which serves as an advantage for graduates from the programme. The highly international nature of the programme and broad opportunities to network and gain practical experience through the programme internship and master's thesis work can help facilitate opportunities after graduation.

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Turku

## **Student Experiences**

I am Nicolás Restrepo Torres and I come from Colombia.

### How did you come up with the idea to study in Finland?

Nordic countries have always been my personal perception of a nice place to live, I have always been curious about such societies that seem to have a strong societal system and that care for their citizens, compensated with the fact that there are high taxes, clearly. This is especially interesting adding factors as politics and extreme climates. In addition, in a more stereotypical perception, I was fond of knowing in more depth some of the material culture of the country and the identity such as the metal culture. This is because in my opinion, even more important than listening to a particular genre itself that I enjoy, I think that this says something about the country itself, because there is an openness upon listening to music that has been labeled as "extreme".

## Why did you choose EDISS?

Back in Colombia, the opportunities to work in international environments are not so common and I really look forward to avoid the feeling of stagnation. Therefore, EMJMD programs were a way to accomplish this, I wanted to develop myself by doing the next step in my education (my prevoius education is B.Sc. Computer Systems Engineering). EDISS was one of the most ambitious programs in terms of curriculum that I could find and also one that also kept the technical stuff relevant in the courses. I also liked that the marketing of the programme was more than just information about the studies, because a master program is more than just a simple gathering of knowledge, but rather a compilation of experiences that contributes to the big picture of one's life.

## Why should one study in Finland?

I really like that the efforts that have been made in Finland to create an educational system that is robust and reliable for the students.

Continues...

Support is offered, from work life to some personal daily matters such as cheap student lunches. Also professors feel equal and this creates a very flourishing environment that allows a non-hierarchical communication between parties. In addition, the fact that Finnish is a complex language to learn in the short run, serves as a double-edged sword, because the language barrier makes people just more willing to communicate in English and this is comfortable for the international audiences that might not be proficient in the local language.

In other countries, students could be second-class citizens, simply because they need to be subsidized and helped in many areas, and Finland is taking care of this matter. Students are not only people that could be in a very early stage of their life defining themselves in the short and long run but also people that might not have the opportunity to afford education and are trying to break the poverty's cycle, and the Finnish system is therefore very much appreciated.

## Double Degree Programmes and Joint Programmes

ÅAU has a number of agreements regarding Double degree programmes and Joint programmes.

These agreements enable students within these programmes to study at two universities and graduate from both. Students participating in such a programme take part of the degree at Åbo Akademi University and part of the degree at the partner university. The agreements are programme-specific meaning that in order to take part in the joint or double programme you need to be a student within the programme the agreement is made for.

Mobility is always part of a Double degree programme. As a student you gain international experience but you need not worry about finding a suitable university to go on exchange to as the mobility period at the partner university is a natural part of the degree.



## Some of the programmes offered in 2024

- Erasmus Mundus Joint Master Degree Programme on the Engineering of Data-intensive Intelligent Software Systems (EDISS)
- Erasmus Mundus Joint Master Degree Programme EACH, Excellece in Analytical Chemistry
- Erasmus Mundus Joint Master Degree Programme International Master in Technology and Management for Circular Economy (IMATEC)
- Double Degree Programme in Information Technology with INSA Rennes, France
- Double Degree Programme in Embedded Systems with ESIGELEC Rouen, France
- Double Degree Programme Werbung Interkulturell: Sprache, Medien, Marketing



## ENCYCLOPEDIA OF HUMAN RIGHTS

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## International Law and Human Rights

Master of International and Comparative Law

## **Studies**

The programme offers students the possibility to profile themselves in different specialisation areas, such as international human rights law, migration and refugee law, international law and conflicts, and general international law. Studies within the programme equip students with expert knowledge, provide the requisite background for advanced research, and develop the practical application skills. Students who have successfully completed the full-time study programme will be awarded a Master of International and Comparative Law degree.

The programme is made up of courses and seminars offered to small

or medium-size groups of 15-30 students. Student learning is enhanced through an encouraging and supportive learning environment and close student-teacher interaction. Courses within the programme make use of a broad range of teaching methods.

## Career

Graduates of the programme find employment in public institutions, international organisations, national or international non-governmental organisations, academia, legal practice and increasingly also in the private sector where, for instance, corporate social responsibility receives increasing attention.

## **Governance of Digitalization**

Master of Science (Economics and Business Administration)

## **Studies**

The programme focuses on analytics, digital services design, business models, IT governance, digital information and knowledge management as well as people's interaction with digital technology. Our focus is on the digital

environment regarding:

- how the strategy of organizations is expressed to fulfil its aims and goals
- how digitalization is implemented in different types of organizations and in different hierarchical or functional levels of the organization and how it affects the organizational environment
- 3. the services of the organization and the users' perspective



### Career

Graduates of our program will be well-equipped to excel in a variety of roles, from Digital Governance Consultants to Data Analysts, in both the public and private sectors. They will typically focus on tasks related to content production, business analytics, information architecture, business modelling, and solution architecture. With a curriculum emphasizing data analytics, digital information and knowledge management, and IT governance, our graduates will be uniquely positioned to drive digital transformation initiatives in an increasingly digitalized world.

Studying in Finland is really worthwhile for experiencing the Nordic way of life.





## Student Experiences

My name is Jessica, before my studies in Governance of Digitalization, I studied in the bachelor's degree programme at Turku University of Applied Sciences called International Business (2016-2019). Before that, I lived in Hertfordshire in England.

I had a couple of friends from Finland. I was considering which university to apply to, some of my peers were considering options abroad and I became curious about what it would be like to go to Finland for my studies. My friends encouraged me and shared information about what programs were available to study in English.

## Why did you choose Governance of Digitalization?

I looked on LinkedIn for people who studied my bachelor's programme and looked at what master's programme they did after and where they worked. Many have gone on to study the governance of digitalization. I also reached out to some of those people to ask about the program. The description of the study program also caught my interest. I had also taken part in some courses related to digitalization and it was a subject area I wanted to develop in.



## Peace, Mediation and Conflict Research

**Master of Social Sciences** 

### **Studies**

Taking a largely psychological and anthropological approach, students of this programme can look forward to engaging with far-reaching and highly relevant topics such as the escalation of war and its effect on cultural and social dynamics. The programme aims to help students understand the mechanisms behind conflict and encompasses the teaching of mediation, negotiation, and peacebuilding from an objective and balanced perspective. Other areas of focus include subjects such as the evolution and escalation of aggression - the interdisciplinary nature of which provides a solid platform for students to base further independent research

#### Career

Whilst the aim of this programme is to prepare students for professional activity in both interpersonal and international conflict situations, many graduates have also gone on to study at PhD level, conducting advanced research within the field of social science.

Graduates who have chosen to start working right after graduation have also had a great deal of success, with many now enjoying challenging careers in areas such as teaching, policy making and advocacy work within the public sector and private organisations. Other areas that students have thrived in include: grassroots organisations, NGOs, intergovernmental organisations and even the establishment of their own organisations.



## Student Experiences

I am Chang Zhang, 33 years old, and I come from China. I came to Vaasa, Finland, in the year 2008 to complete my studies in nursing. Now I have been working as a registered nurse at Vaasa Central Hospital in Finland for more than 11 years alongside my studies in Advanced Practice Nursing (APN).

Already in high school, I had a passion for languages and different cultures. My student counsellor advised me to apply to Fujian University of Traditional Chinese Medicine (FJUTCM), since the university had a collaboration with Novia UAS in Finland. I studied one year at FJUTCM and completed my degree in Vaasa.

I applied to APN because I wanted to get advanced clinical competencies, to better provide health care service to the aging society. I hope that I can contribute to that care can be more person-centered and cost-effective in the future. Finnish education is of high quality. Moreover, one of the best parts of Finland is the stunning nature. I enjoy skiing in the winter and jogging in the summer. The possibility to get a good work-life balance is also attractive for families with children. To have the possibility to learn both Finnish and Swedish in the same city is like to kill two birds with one stone, that's just amazing.

## Advanced Practice Nursing

**Master of Health Sciences** 

Vaasa

### **Studies**

The core competencies are direct clinical care, ethical decision making, coaching and guidance (health pedagogical methods), collaboration, consultation, case management, research and development, and leadership (clinical, system and health policy). Readiness for advanced, systematic and clinical assessment and clinical decision-making is a central key competence.

#### Career

After completing this programme you will be able to practice in wider areas of responsibility, work independently in advanced clinical roles, provide direct healthcare services to individuals, families and communities, influence clinical healthcare outcomes, as well as contribute to the development of evidence-based healthcare services.

## Teaching and Learning

Master of Arts (Education)

#### **Studies**

Taking a largely research-based approach, studies in this course are combined with research in some way. With an emphasis on didactics, this programme aims to provide students with the pedagogical capabilities required for teaching assignments in primary and secondary education. Preparing students to be able to teach the relevant curriculum subjects for their chosen age range, the students will carry out a series of school-based tasks which link theory with practice and allow time for reflection.

#### Career

After completion of this programme, students can pursue postgraduate studies for the Doctorate of Philosophy at ÅAU. The master graduates are eligible to apply for a position in the University's Graduate School as well as other doctoral programmes within Finnish Higher Education Institutions.

Graduates of this master's programme may also choose to pursue work as educators (primary and secondary), education experts, education consultants as well as other education-related jobs. If graduates wish to remain in Finland to teach, they will need to meet all of the requirements for the level of education they wish to teach. The general teaching certificate that the graduates will receive is one of several requirements needed to qualify as a teacher in Finland; the other requirements relate to language and previous education.





FACULTY OF ARTS, PSYCHOLOGY AND THEOLOGY

## Social Exclusion

Master of Arts / Master of Theology

## **Studies**

Students who engage fully with this programme will be able to critically reflect on social and cultural states from a wider perspective based in the humanities, anchored in subjects such as Global History, Theological Ethics and Philosophy of Religion, Philosophy, Gender Studies, Study of Religions and Minority Studies. Belief systems, trends, values, ideologies, power and social practices within society will also be given particular focus throughout the duration of this programme, allowing students to closely examine the factors that contribute to societal problems and how it might be possible to overcome these shortcoming.

### Career

The Master's degree programme in Social Exclusion is especially suited to those looking to pursue careers in areas such as research, politics, equal opportunities policy and human rights institutions or organisations. As this course equips students with the skills needed to work in both national and international settings, graduates are able to find employment in a diverse range of opportunities in either the private or public sector, as well as in non-governmental organizations and civil society. Additionally, skills developed within this programme are highly relevant in arts, writing, and media careers.

Turku

## Student Experiences



My name is Oona Särmä, and my previous degree is Bachelor of Arts in Political Science. I lived in the United States when I was studying my Bachelor's. Originally, however, I am from Turku, Finland.

### How did you come up with the idea to study in Finland?

When I embarked on my studies abroad, I did not think I would return to Finland for studies - I wanted to travel and experience living abroad. When finishing my Bachelor's drew close, however, I started to think of returning to Finland to do my Master's. The thought of the high quality of education, peace and quiet of Finland as well as the lively student life appealed to me specifically.

## Why did you choose Social Exclusion?

Social exclusion has been indirectly part of my studies already before my Master's, as my research interest is in gendered exclusion and discrimination against refugees. As I was checking the programs offered at ÅAU in English, Social Exclusion caught my eye immediately. I was not sure, at first, if it was the degree I wanted to study. I decided to apply nonetheless, and since I started my studies I have learned how versatile and complex the issue of social exclusion is and how it crosscuts so many fields and areas of study. It was definitely the best choice for me - it has challenged my approaches and assumptions in unforeseen ways and provided me with tools that will be invaluable in the future.

## Why should one study in Finland?

I think student life in Finland is great. There are lots of student activities and organizations to get involved in. It also offers a beautiful environment, as the cities are entangled with nature, and forests or bodies of water are never too far away. In terms of the studies themselves, group sizes in Finnish universities are comparatively small which allows for more dialogue and personal engagement. I feel that in my studies the teaching has overall been highly personalized to my academic and professional needs and interests.



#### #aboakademi #åakärlek

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