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ABOUT UNIVERSITY WEST

- 15.000 students
- 625 employees (researchers, teaching staff and administrative staff)
- 55 professors
- 57 of its own doctoral students of which one third are employed in industry
- Four departments/schools
- Three vital research environments and six centres of expertise
- A commission from the Swedish Government to develop Work Integrated Learning
- One of Sweden's highest numbers of applicants per place
- Students and staff from all over the world
- Member of the European University Association (EUA) and the International Student Exchange Programme (ISEP)

"At University West everybody is considered equal. It doesn't matter which race, gender or ethnicity you have. I really like that."

Robin van Popering, alumnus of the Master in International Business



University West offers programmes and courses taught in English at both the undergraduate and graduate level. We offer a three-year bachelor's programme and master's programmes.



LINKING THEORY WITH WORKING LIFE

University West is a modern university offering programmes in close collaboration with working life in an attractive and modern study environment. The university has about 15,000 students and 625 employees. The university campus is centrally located in the town of Trollhättan close to cafés, cinemas, restaurants and sport facilities, but also close to beautiful landscapes. The campus is constructed with the students' needs in focus. The international atmosphere is informal and dynamic.

WORK INTEGRATED LEARNING - University West is founded on the principle that knowledge is acquired everywhere, not just in universities. Integrating work situations into study programmes - so-called Work Integrated Learning - exemplifies the important relationship between the university and the outside world. Work Integrated Learning provides students with many opportunities to learn from real working life situations through, for example, project work, field studies, mentorship projects and sometimes even work placements.

PTC-PRODUCTION TECHNOLOGY CENTRE

Together with GKN Aerospace, the Swedish research group Swerea IVF, and the development hub Innovatum, University West runs the Production Technology Centre (PTC) in Trollhättan. Development and research projects carried out with a multidisciplinary approach within welding, machining, production systems, additive manufacturing and thermal spraying create a unique environment and great learning opportunities for students. The Production Technology Centre offers an equipment park of the highest international standard.

THE UNIVERSITY WEST CISCO CENTER

The University West CISCO Centre is a leading institute for advanced networking professionals in Northern Europe and has been certifying Cisco networking academy students and instructors since 1998. University West is one of the few training centres that offers all the courses in the Cisco academy portfolio.

THE SPSS ACADEMY

The SPSS Academy at University West is one of the few SPSS Academies in the world. The academy is a collaboration between University West and SPSS, one of the world's leading producers of software for statistical analysis.

THE UDDEVALLA SYMPOSIUM

The Uddevalla Symposium was initiated by University West in 1998 and is arranged in an international arena. Focusing on regional development, entrepreneurship and innovation, the symposium attracts researchers from all over the world every year.



Photo in the middle: $\, \mathbb{C}\,$ Nobel Media AB 2015. Photo: Pi Frisk

SWEDEN — ONE OF THE MOST INNOVATIVE COUNTRIES IN THE WORLD

You have probably already read or heard a lot about Sweden: the Vikings, Scandinavia, beautiful nature, herring, the Nobel Prize, Volvo, and IKEA in a modern, sustainable country with a high standard of living. But did you know that Sweden is one of the most innovative countries in the world and that it tops the 2019 Innovation Union Scoreboard of the European Commission?

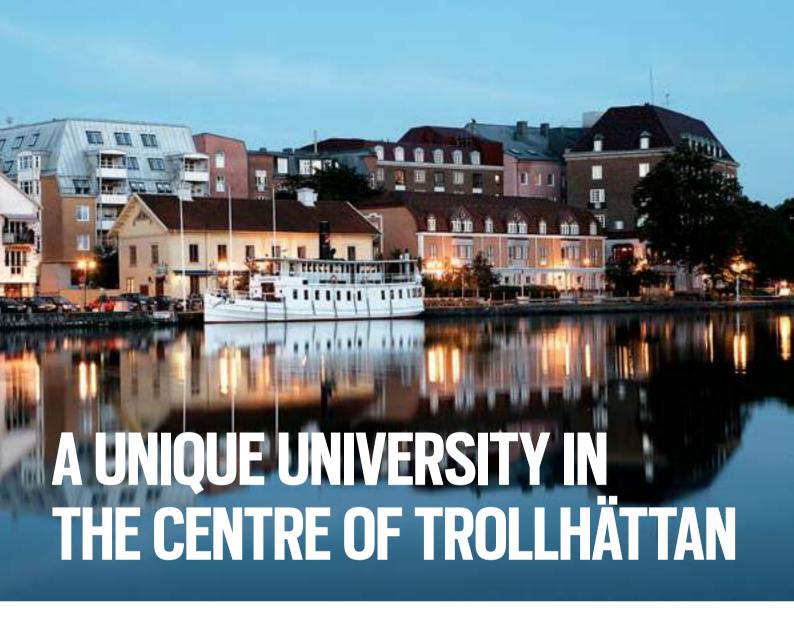
Swedes are early adopters of new technology and the country's non-hierarchical society creates a fertile environment for new ideas. The Swedish government invests a higher proportion of GDP in R&D than most other countries. Generations of innovation have led to a long list of world-changing inventions like the three-point seatbelt, the pacemaker, the adjustable wrench and safety matches. More recent Swedish inventions are Spotify and Skype. Come and study in the country that lives and breathes innovation!



Photo: Clive Tompsett

DID YOU KNOW THAT ...

- ... the DJ Avicii, the football star Zlatan Ibrahimovic, the former tennis player Björn Borg, the inventor Alfred Nobel, and the artist Zara Larsson are all Swedes?
- ... **Swedes** rank #1 in the world for speaking English as a second language?
- ... **Midsummer** is one of the most celebrated holidays in Sweden?
- ... less than three per cent of Sweden's land area is developed and that forests cover 69 per cent of the country?
- ... the video game Minecraft was created by the Swedish game developer Markus Persson?
- .. IKEA, Volvo, Ericsson, Tetra Pak and H&M are successful Swedish brands?

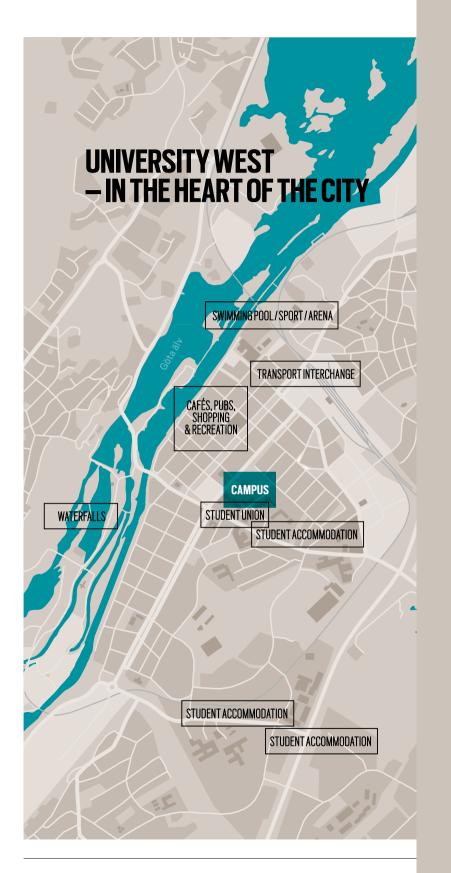


University West is located near the west coast of southern central Sweden in Trollhättan. The city, with its 60,000 inhabitants, is a well-known destination, attracting thousands of visitors every year. It is a creative city — a place with room for both development and a vision for the future.

THE UNIVERSITY CAMPUS is situated in the heart of the city centre, close to cafés, cinemas, restaurants and sports facilities, but also near a beautiful natural landscape. You don't have to waste time in traffic queues or feel stressed in overcrowded subways. As a student in Trollhättan you have all you need close by.

THE GÖTA RIVER and its great waterfalls are within walking distance of the campus. The falls have provided the local economy with power for several hundred years, and Sweden's first hydropower plant was established here.

TODAY TROLLHÄTTAN is home to a number of high-tech companies. One of the best known is GKN Aerospace, a company that not only sends its jet engines, out into the world but also out into space through its development of rocket engine technology. An exciting part of Trollhättan's proud industrial history is the entertainment industry, with entrepreneurs in media and film production. Trollhättan has also become the home of the Chinese company NEVS (National Electric Vehicle Sweden) which is currently developing its platform for the future generation of electric cars in the former SAAB Automobile factory. Trollhättan is a part of the wider Västra Götaland region and is located not more than a 35-minute train ride from Gothenburg, the second largest city in Sweden.

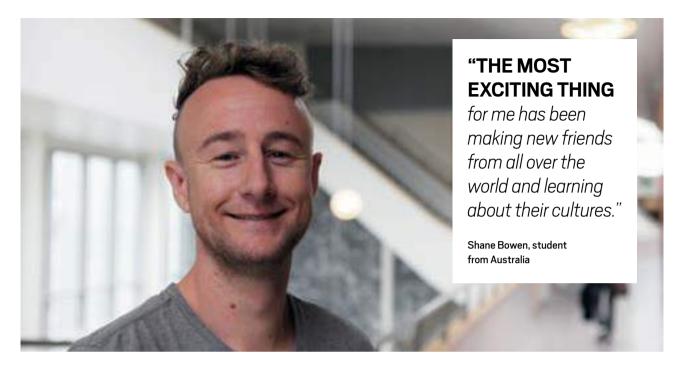


ABOUT THE CAMPUS

- A library with more than 350 places to study in different sections
- Two restaurants/cafeterias with seating for a total of 300 people
- More than 50 group rooms for studying
- Five student kitchenettes with dining areas
- An auditorium that seats 500 people
- Plenty of seating areas for studying or socializing

"What I really like about University West is that all facilities are modern, fresh and easy accessible."

Jia-Jiuan Tsai, student of the International Programme in Politics and Economics



INTERNATIONAL PROGRAMME IN POLITICS AND ECONOMICS (3 YEARS)

The International Programme in Politics and Economics (IPPE) is a 3-year multidisciplinary bachelor's programme (180 credits). The programme is taught completely in English. It provides both theoretical knowledge and practical skills suitable for political economy oriented professions in public administration, organizations and private corporations that in different ways operate in an international environment

IPPE includes focus areas such as development and inequality, security, foreign policy, international political economy, migration and cultural identity, and human rights. In all areas, the programme strongly emphasizes the integration of ethnic and cultural diversity as well as issues of gender and sustainability.

IPPE applies a liberal arts-inspired education with both out-of-class and in-class experiences,

designed to develop the whole person academically, intellectually, physically, socially, emotionally, and spiritually.

Apart from providing relevant knowledge and skills, IPPE strongly emphasizes the value of ethnic and cultural diversity as well as issues of gender equality and sustainability.

Why study the International Programme in Politics and Economics at University West?

- A unique multidisciplinary education in the fields of politics and economics in an international context
- A strong focus on personal development in its broadest sense
- A true international environment with students and staff from all over the world
- The possibility of studying abroad
- The opportunity to do an internship in Sweden or abroad

- A strong link between theory and practice through the concept of Work Integrated Learning
- A solid foundation for pursuing a master's degree in Sweden or abroad and the perfect preparation for an international career in the fields of politics and economics

Qualification: Bachelor of Arts (BA, 180 credits) with a specialization in Political Science and Economics

Entry requirements: The equivalent of a Swedish upper secondary / high school diploma (general entry requirement) with minimum specific entry requirements for mathematics and social studies (see www.universitywest.se for more details).

English language requirement: See p.19

Start: September 2020

Tuition fee: 90,000 SEK (approx. € 8,400) per year*



MASTER IN FINANCE

(1 YEAR)

The programme is aimed at students who aspire to a successful career as a financial analyst. The programme has a strong analytical focus and emphasizes the knowledge and skills needed in today's global financial environment. It includes advanced learning techniques that maximize learning outcomes, including financial modelling, forecasting and computer applications. This is a one-year programme fully taught in English and consists of advanced courses (45 credits) and a master's thesis project (15 credits).

The design of the programme creates synergy between theory and practice by employing highly qualified, renowned researchers, lecturers, and professors and engaging representatives from business and NGOs. Participating academic staff both from Sweden and abroad actively conduct research and give the programme a solid academ-

ic focus, making clear linkages between research, education, business, and society.

The structure and content of the courses is based on the Candidate Body of Knowledge (CBOK) which is used by the Chartered Financial Analyst Institute (CFAI) in the accreditation process for financial analysts. This means that the programme constitutes a good preparation for CFA exams.

Why study Master in Finance at University West?

- A solid academic and analytical basis for practical decision-making in economics and finance
- A strong link between theory and industry, through Work Integrated Learning
- A multicultural and international learning environment.
- A relatively small–scale programme with an informal atmosphere

• A valuable MSc degree which opens doors to both further studies / research and a career as financial analyst, both in Sweden and abroad

Qualification: Master of Science (MSc, 60 credits) with a major in Economics

Entry requirements: Bachelor's degree worth 180 credits with 90 credits in the major subject field of economics with at least 7.5 credits in finance at the intermediate level and 7.5 credits in econometrics, statistics, or the equivalent.

Alternatively, a bachelor's degree worth 180 credits with 90 credits in the major subject field of business administration, with at least 7.5 credits in microeconomics and 7.5 credits in macro-economics and at least 7.5 credits in finance at the intermediate level and 7.5 credits in econometrics, statistics, or the equivalent

English language requirement: See p.19

Start: September 2020

Tuition fee: 114,000 SEK (approx. \bigcirc 10,600)*



"WHAT I REALLY LIKED

about this programme and this university is that we sometimes visited companies and met the owner of those companies. We had discussions and tackled real-life problems. It's very interesting to get a glimpse of how your life could be after your studies."

Robin van Popering, alumnus from the Netherlands

MASTER IN INTERNATIONAL BUSINESS (1 YEAR)

University West offers a one-year Master's programme in International Business, which is taught completely in English. This programme is tailored for you if you have international career ambitions.

The Master's programme in International Business is aimed at helping you develop into a cross-culturally intelligent and knowledgeable international business professional, able to make informed decisions in multiple contexts of cross-border business operations. The programme establishes clear connections between current business practices, business research, and your learning.

The master's programme gives you a solid foundation in the four core pillars of international business: international management, international marketing, international finance, and international accounting. The programme finishes off with a master's thesis. This project aims at developing your ability to identify, critically reflect upon, analyse, and solve problems related to international business activities by incorporating different busi-



ness research methods into your study.

Why study Master in International Business at University West?

- A challenging programme with a focus on both large, small, and medium-sized enterprises
- A truly international learning environment
- A relatively small–scale programme with an informal atmosphere
- A valuable MSc degree which opens doors to both further studies / research and a career in industry, both in Sweden and abroad

• An academic programme with a link to industry, through Work Integrated Learning

Qualification: Master of Science (MSc, 60 credits) with a major in Business Administration

Entry requirements: Bachelor's degree worth 180 credits with 90 credits in the major subject area of business administration or the equivalent.

English language requirement: See p. 19

Start: September 2020

Tuition fee: 114,000 SEK (approx. € 10,600)*



"UNIVERSITY WEST AND THE PROGRAMME in IT

and Management in particular are held in high regard by many companies, which makes it the perfect thing to talk about when at job interviews."

Jonas Johansson, alumnus from Sweden

MASTER IN IT AND MANAGEMENT (1 YEAR)

IT and Management is a stimulating and future-focused one-year master's programme, taught completely in English. It's aimed at students with a background in social and/or computer science who are keenly interested in analysing, developing, implementing, and evaluating ICT interventions in organizations.

The programme is developed in close cooperation with local industries and municipalities and focuses on current IT issues that concern companies and organizations. After taking two courses in common, students will choose one of the following majors:

- Advanced software development Full Stack Developer
- ◆ Virtual and augmented reality (VR/AR) immersive computing
- ◆ IT-strategy and architecture IT management

The programme in IT and Management integrates work practice with research and theory in informatics. In this way, you will develop both in-depth subject knowledge and crucial work experience in your chosen specialization. Regardless of which major you choose, you will delve into cutting edge research in your field.

During your studies you will study theories and best practices in ICT to then apply your acquired knowledge, skills, and understanding to your chosen specialization. This master's programme culminates in a thesis degree project where you will test your new competencies with a real project or problem.

Why study Master in IT and Management at University West?

- A stimulating programme that focuses on current IT issues, developed in close cooperation with local industries and municipalities
- A strong link between research, theory and work practice through Work Integrated Learning

- An international curriculum with students and staff from all over the world
- A high teacher-student ratio and an informal atmosphere
- A valuable MSc degree which opens doors to both further studies / research and a career in industry, both in Sweden and abroad

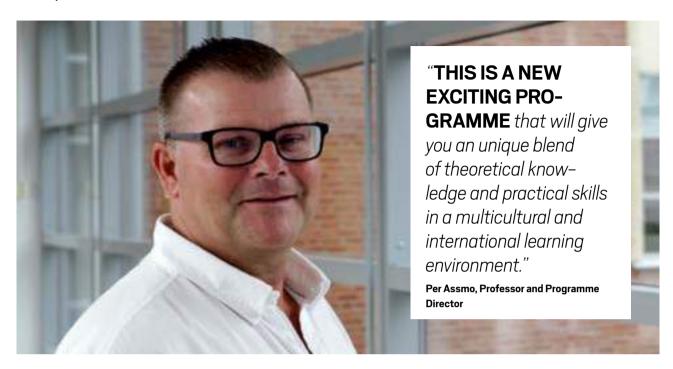
Qualification: Master of Science (MSc, 60 credits) with a major in Informatics

 $\label{eq:continuous} \textbf{Entry requirements:} \ Bachelor of Science (BSc) \ with a major in informatics, information systems or the equivalent$

English language requirement: See p. 19

Start: September 2020

Tuition fee: 114,000 SEK (approx. € 10,600)*



MASTER IN WORK INTEGRATED POLITICAL STUDIES (2 YEARS)

Work Integrated Political Studies (WIPS) is a unique 2-year international master's programme (120 credits) that leads to an MA degree in Work Integrated Learning (WIL) with a focus on political studies. Through the collaboration between University West and the University of the Western Cape in South Africa, the programme provides the students with real applied research tasks related to political policies and decisions at international and local levels.

The work integrated applied research approach, conducted in direct collaboration with the surrounding community, provides new unique perspectives, analysis and solutions that can have a direct impact on societal change.

The international collaboration gives the programme a genuine international profile and student body, while providing unique opportunities for students to conduct applied research projects in

Sweden and South Africa.

Why study Master in Work Integrated Political Studies at University West?

- A unique master's programme combining Work Integrated Learning and political studies
- A collaboration between University West, Sweden and the University of the Western Cape, South Africa
- A unique blend of theoretical knowledge and practical skills where an internship system enables students to work the entire second year of the programme with real-life research challenges in direct collaboration with and for the surrounding community
- A multicultural and international learning environment
- A relatively small-scale programme with an informal atmosphere

• A valuable MA degree which provides you with access to a variety of careers, including research/PhD, public administration, diplomatic service, the EU or other national and international institutions, as well as non-governmental organizations

Qualification: Master of Arts (MA, 120 credits) with a major in Work Integrated Learning.

Entry requirement: Bachelor's degree worth 180 credits with 90 credits in the major subject area of political science or the equivalent.

English language requirement: See p. 19

Start: September 2020

Tuition fee: 114,000 SEK (approx. € 10,600) per year*

"BY FAR, THE MOST EXCITING PART was

the master's thesis, which allowed me to study a very interesting subject — 'Structural conditions based on age considering information about treatment for gambling problems'. This is, in many ways, a fantastic journey."

Caroline Ärleskog, alumna from Sweden



MASTER IN CHILD AND YOUTH STUDIES

(PART-TIME, 2 YEARS OR 4 YEARS)

The Master's programme in Child and Youth Studies is an online (distance learning) and part-time (50%) degree programme which is completely taught in English. The programme is available as a 2-year (60 HE credits) or a 4-year (120 HE credits) programme. The main difference between the 2-year and 4-year programmes is that the 4-year programme covers more advanced subjects.

Throughout the programme, the learning, development, and conditions of children and young people are studied in different settings, such as school, family and local communities, and in different cultural and national contexts. The programme is based on the idea that children are active and competent agents in their own lives, and that they are both influenced by and influencing their social worlds.

As the social worlds of children and youth are growing, due to issues such as globalization, migration, and social media, these issues are addressed in up-to-date courses throughout the programme.

The Child- and Youth Studies programme is multidisciplinary, combining knowledge from various disciplines such as sociology, social work, psychology, and education, among others. That means that knowledge about children and youth from different perspectives and professions is integrated in order to deepen and broaden our understanding. The aim of the programmes is to provide the theoretical, methodological, and practical tools to participate in, develop, promote, and improve activities and interventions aimed at children and youth.

During the programme your competence increases in terms of design of and carrying out empirical research, ending with you conducting an independent study in child- and youth studies.

Why study Master in Child and Youth Studies at University West?

- A unique international and multi-disciplinary master's degree programme in the field of Child and Youth Studies
- A part-time, online programme, making it possible to study when it suits you (and combine work and studies)

- An international learning environment with students and staff from all over the world
- The possibility of studying at another university, in your country of residence or abroad
- A valuable MA degree that opens doors to both further studies / research and a careerwhere you work strategically with issues related to children and young people, both in Sweden and abroad

Qualification: Master of Arts (MA, 60 or 120 credits) with a major in Child and Youth Studies

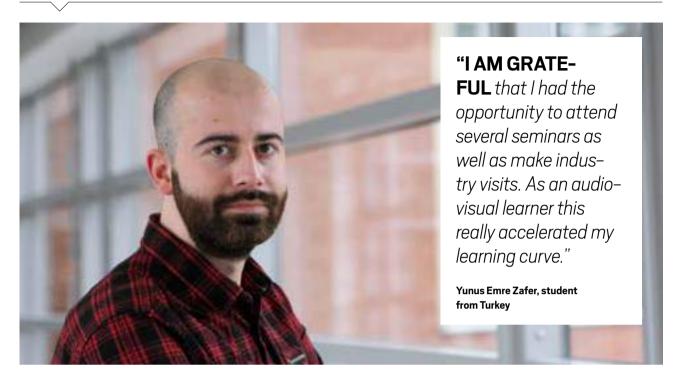
Entry requirements:

 BA/BSc in education or nursing, 180 credits, or Bachelor's degree, 180 credits with a major in social work and social pedagogy, psychology, pedagoics, sociology, culture studies or public health or the equivalent, or

English language requirement: See p. 19

Start: September 2020

Tuition fees: 50,000 SEK (approx. € 4,650) per vear*



MASTER IN MANUFACTURING ENGINEERING

(1 YEAR OR 2 YEARS)

The Master's programme in Manufacturing Engineering is a 1 or 2-year master's programme, taught completely in English. The programme has been developed in close cooperation with industrial companies to be able to respond to rapidly changing needs in industry. The programme distinguishes itself from many other programmes through the integration of working life situations and theory.

As a manufacturing engineering student you will achieve a higher degree of autonomy in problem solving and innovative thinking. Within the programme, multiple critical manufacturing technologies are presented and their scientific bases are discussed along with related scientific developments and ongoing challenges.

Using a scientific approach, you study several manufacturing processes such as machining, welding and thermal spraying. Furthermore, sever-

al key manufacturing engineering subjects such as operations management and robotics are included to better prepare you for the tasks of a manufacturing engineer. In the 2-year programme more advanced subjects are also covered: welding metallurgy, statistical process control and design of experiments, additive manufacturing and surface engineering.

Why study Master in Manufacturing Engineering at University West?

- A high-quality education, developed in close cooperation with industry
- A valuable MSc degree which opens doors to both further studies / research and a career in industry, both in Sweden and abroad
- A strong link between theory and practice through the concept of Work Integrated Learning
- Access to one of Sweden's largest and newest manufacturing laboratories (Production

Technology Centre), where business and academia come together

- The possibility of adding a (paid) work placement (2-year programme only)
- Small-scale, personal, and international character

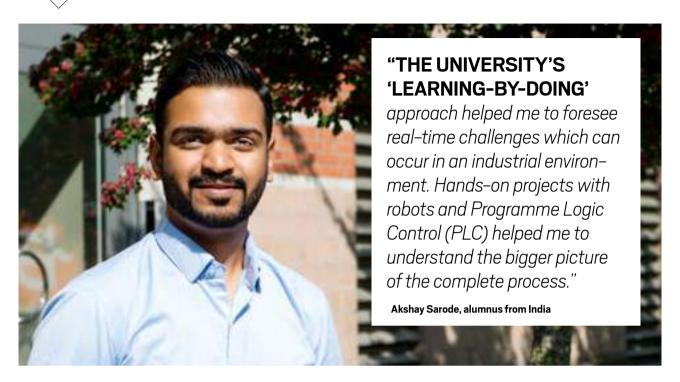
Qualification: Master of Science (MSc, 60 or 120 credits) with a major in Mechanical Engineering

Entry requirements: Bachelor of Science in mechanical engineering, manufacturing engineering, industrial engineering, materials science and engineering or the equivalent. The degree must include at least 7.5 credits of materials science and at least 15 credits of mathematics including basic knowledge of analysis, linear algebra and statistics.

English language requirement: See p. 19

Start: September 2020

Tuition fees: 130,000 SEK (approx. € 12,100) per



MASTER IN ROBOTICS AND AUTOMATION

(1 YEAR OR 2 YEARS)

There is an ongoing digitalisation taking place all around the world, and this has brought about an explosive growth in the use of robots and automation solutions, a development that implicates not only industry but entire cultures. What we are witnessing is the fourth industrial revolution (Industry 4.0).

We not only have smart robots, but units with sensors and inbuilt systems that are connected to networks (Internet of Things, IoT). This together with advanced simulation (digital twins) and artificial intelligence (AI) are the foundation for smart factories.

The Master's programme Robotics and Automation is a 1 or 2-year master's programme, taught completely in English. The programme is offered both on campus in Trollhättan and web-based (distance learning* with two physical meetings in Trollhättan). The entire programme has been created through collaboration between the industry and researchers at University West and distinguishes itself from many other programmes

through the integration of working life situations and theory. Also, the programme has a strong focus on applications for industry.

The courses that make up the programme offer you in-depth knowledge of smart factories and prepare you well for contributing to their development. You learn design and programming of robots and automation systems.

Why study Master in Robotics and Automation at University West?

- A high-quality education, with a strong focus on applications for industry, created through collaboration between industry and researchers
- A valuable MSc degree which opens doors to both further studies / research and a career in industry, both in Sweden and abroad
- A strong link between theory and practice through the concept of Work Integrated Learning
- Access to a modern lab that meets the highest international standards (Production Technology Centre), where business and academia come together

- Small-scale, personal, and international character
- * Distance learning means that lectures and seminars take place in the university's digital learning environment. Communication with instructors and other students is digital. During the first year, there are two occasions for which you will need to be at University West in Trollhättan, Sweden.

Qualification: Master of Science (MSc, 60 or 120 credits) with a specialization in Robotics

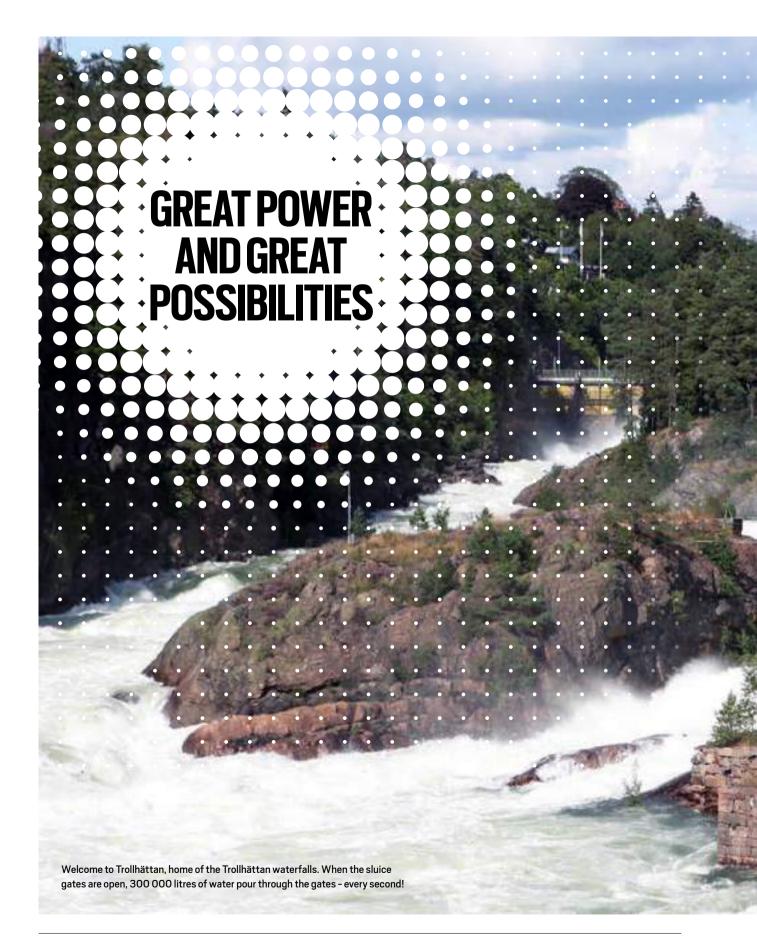
Entry requirements: Bachelor of Science in computer engineering, electrical engineering, mechanical engineering or industrial engineering and management. Additionally, the degree must be comprised of a minimum of 5 credits in programming and 15 credits in mathematics.

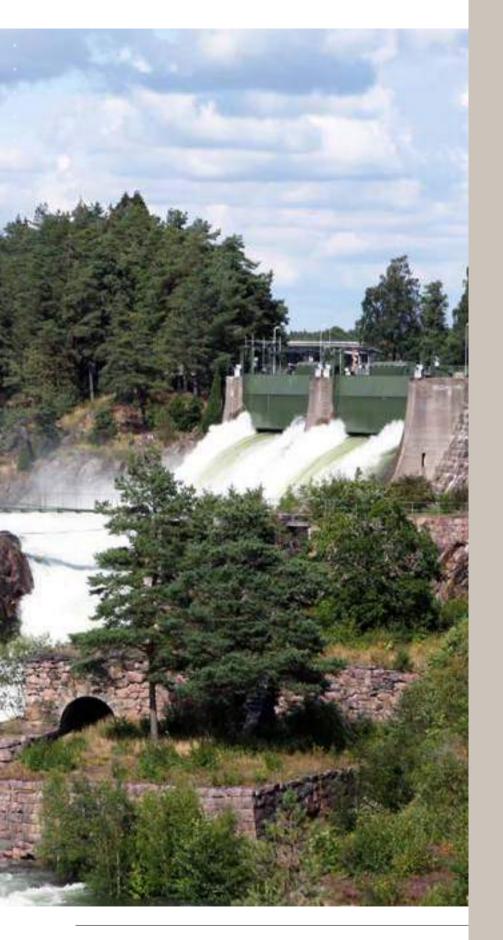
English language requirement: See p. 19

Start: September 2020

Tuition fees:

On campus – 130,000 SEK (approx. € 12,100) per year*
Online – 100,000 SEK (approx. € 9,300) per year*





ENGLISH LANGUAGE REQUIREMENT

The English language requirement for all our programmes taught in English is the equivalent of English studies at the upper secondary (high school) level in Sweden, called English 6 or English B. The following tests are accepted as equivalent:

IELTS Academic

An overall mark of 6.5 and no section below 5.5 **TOEFL iBT**

- Paper-based: Score of 4.5 (scale 1-6) in written test, total score of 575
- Internet-based: Score of 20 (scale 0-30) in written test, total score of 90

For an overview of all accepted tests, exemptions and more information, check: www.universitywest.se/englishproficiency.

SCHOLAR-SHIPS

The University West Scholarship Programme is open for fee-paying students admitted to most of our master's programmes. Check www.universitywest.se/scholarships for more information.

WHAT WE CAN OFFER

Included in the tuition fee (in addition to the programme you are admitted to) are the following:

- 24/7 student insurance
- Support in arranging accommodation
- Pick-up service at airports in the region on arrival day
- Free membership in the student union
- A general introduction for all international students
- Guidance counselling, Career counselling, IT support/ free Wi-Fi everywhere on campus
- Academic support (in academic writing, math, etc.)



More information:

universitywest.se

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