

TOWARDS A SUSTAINABLE FUTURE

Where excellence meets innovation
and challenges create solutions



UNIVERSITY
OF BORÅS

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WELCOME TO

the University of Borås

At the University of Borås, we cultivate learning, knowledge, and innovation of high quality in an international setting and with significant social relevance. Our focus is on working together for the future – to make a difference.

At the University of Borås, you can choose among many different Bachelor's and Master's programmes relevant to your future career. We offer unique programmes in many subject areas, several of which can only be found here and which attract students from all over the world.

For example, we have courses spanning all textile areas at the Swedish School of Textiles, which was ranked ninth among the world's best fashion schools in 2024. We are also home to the Swedish Centre for Resource Recovery (SCRR), a multidisciplinary research environment that hosts research, education, and innovation in order to develop new methods and processes for material recovery and waste refinery. This area offers five one-of-a-kind international Master's programmes.

Many of our labs and research environments are unique and the university has good collaborations in place with the regional business and industry community. We arrange activities together with external actors that give you opportunities to make valuable contacts while you are studying, something that can increase your chances of great work opportunities after graduation.

In our unique educational programmes, you as a student are stimulated to think critically and are given a sound basis for working towards a sustainable future.

19,000 students

830 employees

17 international study programmes

6 priority research areas



IN THE HEART OF

Borås, Sweden



Wonderful Borås

Borås is a medium-sized Swedish city close to both natural settings and bigger metropolises. It is located in southwestern Sweden, quite close to Gothenburg on the west coast, with good connections to Stockholm on the east coast.

Borås is a modern city, energised to change and grow. Here, both people and businesses develop by being brave, innovative, responsive, and responsible. In Borås, we are proud of our ability to listen to the world around us and take on the challenge of creating a new future that is characterised by sustainable solutions.

This city is the historic centre for Sweden's textile industry and the weaving looms of the past have given way to an international centre for fashion and textile design. Many successful businesses with world-famous brands call Borås home.

Today, leading research and education within textile and fashion are conducted at the University of Borås. The Textile Museum of Sweden, located right on campus in the Textile and Fashion Center, gives visitors a fascinating look at both the past and the future.

Borås is also a city of culture, street art, sports, and shopping. We have everything from cosy cafés, trendy boutiques, calm forests, beautiful lakes, to the amazing Borås Zoo, popular clubs and bars, award-winning restaurants, and convenient transportation options. Everything lies in close proximity to our lovely campus.

The university's campus is located in the city centre at the end of the central street Allégatan. Our campus is a meeting place and here you will find everything you need. In addition to classrooms and labs, we have one of Sweden's best libraries as well as restaurants, cafés, and a student bookstore.

Student life

Studying at a university is not just about late nights at the computer and preparing for exams. It is at least as much about newfound friends, fun parties, new interests, and exciting experiences!

Centrally located and only ten minutes from the main train and bus station in Borås, the university campus is the clear heart of student life.

At our university, we have several student groups that make sure student life here is never boring. The Student Union of Borås is a student-run organisation which offers events, social activities, advice, and other services to support students in both their studies and free time.

Before each new academic year, they also arrange kickoff events for all new students, at which you can participate in fun activities to get to know your new classmates, both from Sweden and abroad!



Orientation Days

Orientation Days are arranged by the university for new international students. These take place before the start of each term and last for two days.

The purpose is to provide international students with information about living in Sweden, practical things you need to know for your studies, and what to expect from studies here in Borås. You will get to know our campus and meet those who provide various services at the university.

All new international students are encouraged to participate in our Orientation Days. It's also a great way to get to know other international students!



How to apply

You can apply to the University of Borås through the central Swedish national website at www.universityadmissions.se.

Once you have completed your online application, you must submit supporting documentation.

After that, the Swedish Council for Higher Education forwards your application to a central unit that makes a first assessment. If your application meets the general entry requirements, it is forwarded to our local Admissions Office where experienced staff will assess your application.

The next step is the selection process. After that, you will receive notification of whether you were accepted or not.

Admitted students then need to formally register to begin studies or decline the admissions offer.



Study in Sweden

Sweden is a democratic, safe, and modern country with a unique focus on sustainability, gender equality, and LGBTQ+ rights, as well as on innovation, high quality, and affordable education.

Another great thing is that you can get by with English in Sweden as almost all Swedes speak English very well. Not to mention the culture of "fika"! In Sweden, it is important to gather regularly for coffee/tea and perhaps a treat to catch up and take a little break with friends, family, classmates, or co-workers.

Sweden has many lovely cities with great restaurants, bars, and shopping. It is also a country with beautiful natural surroundings, never far away. If you need to boost your energy, you have over 5,000 nature reserves to visit and 100,000 lakes to take a swim in. But one of the best things is that you actually don't need to visit a reserve to enjoy outdoor life, as in Sweden you can roam freely in nature, something we call Allemansrätten (the Right of Public Access).

Sweden is located in Northern Europe, more precisely in the part of Europe which is commonly referred to as Scandinavia. It is a fairly big country, and counted in square meters it is bigger than both Germany and the UK. But with a population of only 10.3 million, Sweden is by no means crowded!

Despite its small population, Sweden is one of Europe's strongest industrial nations. Many global and innovative companies have their headquarters here, including Volvo, IKEA, H&M, Ericsson, and Spotify.

A common misconception is that all Swedes are tall and blond. The modern Swedish society is in fact quite multicultural and nearly fifteen percent of the population was born in another country.

Make sure to pack both cosy, warm clothes and your hot-weather favourites when you come, because we have all four seasons here! Winter is chilly and dark, but in southern Sweden, where Borås is, expect more rain than snow. Farther north, the snow can reach over one meter in depth! In the summer, Sweden is stunningly bright and green, and above the Arctic Circle, the sun doesn't set for months.

The weather here is also very important to people and a daily topic to speak about with anyone, at any time. It is a true conversation starter!

Sustainability

High quality and affordable education

Gender equality & LGBTQ+ rights

Get by with English in Sweden



Photo: Patrik Svedberg/imagebank.sweden.se

OUR AREAS OF *education*

INTERNATIONAL BACHELOR'S PROGRAMMES

- Fashion Design
- Textile Design
- Textile Production and Innovation

INTERNATIONAL MASTER'S PROGRAMMES

- Fashion and Textile Design
- Informatics
- Library and Information Science
- Resource Recovery
- Textile Engineering
- Textile Management

DOCTORAL EDUCATION PROGRAMMES

Doctoral education is the highest educational level available at a higher education institution. Such programmes prepare students for a continued career in academia or in business and industry.

We offer doctoral education programmes in five research areas:

- Library and Information Science
- Resource Recovery
- Textiles and Fashion
- Textiles and Fashion – artistic area
- The Human Perspective in Care



SNEAK PEEK INTO *campus*



Our *world-renowned schools*



THE SWEDISH SCHOOL
OF TEXTILES
UNIVERSITY OF BORÅS

The Swedish School of Textiles offers educational programmes in artistic textile and fashion design as well as in engineering and technology at the Bachelor's, Master's and doctoral levels. Our unique melting pot of leading knowledge, cutting-edge research, and interdisciplinary approaches lays the foundation for the sustainable society of the future.



THE SWEDISH SCHOOL OF LIBRARY
AND INFORMATION SCIENCE
UNIVERSITY OF BORÅS

The Swedish School of Library and Information Science has a strong international reputation in library and information science research. With Sweden's largest educational environment in the area, we work in close collaboration with society at large and offer educational programmes at the Bachelor's, Master's, and doctoral levels.



THE SWEDISH SCHOOL
OF TEXTILES
UNIVERSITY OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Campus in Borås

CREDITS:
60 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se

MORE INFORMATION:
Follow the QR code to learn more about prerequisites, tuition fees, course content, and more.



Textile Management (One Year)

MASTER'S PROGRAMME

OUR PROGRAMME IN SHORT

Our programme will introduce you to the most recent research on sustainability in textile management and offer a dynamic learning environment with students from all over the world. Together, we create leaders that are ready to make a change in one of the most polluting industries in the world.

FUNDAMENTALS IN TEXTILE MANAGEMENT

The aim of this programme is to provide students with no previous experience in textile and fashion in particular with the fundamentals in textile management, both in terms of research and professional insights and a platform for creating an international network for a career in the fashion or textile industry. The courses have a strong foundation in current research in textile management, focusing on sustainability and digitalisation in the textile value chain, fashion management, as well as business strategy and retail. The programme also contains an introductory course in the well-equipped textile laboratories, which gives you good insight into textile as a material as well as textile and apparel production in general.

RESEARCH AND INTERNATIONAL NETWORKS

Textile management is a multidisciplinary area with a foundation in social science research fields such as business administration,

industrial economy, fashion studies and related areas that addresses phenomena important for the textile and fashion industry. Research in textile management at the University of Borås is internationally prominent and integrated into the programme through lectures, workshops, and projects. There are also good opportunities to connect with other researchers around the world via international networks and collaborations.

PROGRAMME STRUCTURE

This one-year Master's programme is comprised of two terms of full-time studies. The courses during the first term focus on providing basic knowledge of theories in supply chain management and fashion studies, textile materials, and production knowledge, as well as business models and strategic management. In addition, students take a course in methods to acquire in-depth knowledge in the design and implementation of research in textile management. During the second term, students take two parallel courses with a focus on fashion retail marketing and sustainable supply chain management in the apparel and textile industry. During the last period of the second term, students conduct an independent research project that results in a Master's thesis of 15 ECTS credits.

Textile Management (One Year)

MASTER'S PROGRAMME

Building multidisciplinary management competences at an advanced level for a more sustainable fashion and textile industry.

This programme will give you an overview of the fundamentals of textiles and fashion to build upon your existing degree in topics like business administration, industrial economy, textile engineering, textile design, and fashion design. This will provide interdisciplinary and multicultural perspectives on the challenges related to working towards sustainable textiles and fashion. The main emphasis on sustainability is also an important area of research throughout the Swedish School of Textiles.



THE SWEDISH SCHOOL
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CREDITS:
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Fashion Marketing and Management

MASTER'S PROGRAMME

Managing the fashion industry through advanced understanding of sustainability, consumer culture, digital marketing, and branding.

This programme will provide academic tools to understand the symbolic nature of fashion and textiles as multidisciplinary and multifaceted phenomena, with a special focus on sustainability. Fashion is one of the most complex and fascinating areas of both research and social life, which encompasses trends and the fashion cycle, the fashion system, as well as perspectives on branding, consumer behaviour and consumption. These issues increasingly require considering the economic, social, and environmental impacts of the sector globally, which are also important areas of research throughout the Swedish School of Textiles.

Fashion Marketing and Management

MASTER'S PROGRAMME

OUR PROGRAMME IN SHORT

This educational programme gives you the tools to manage communication, marketing and consumer behaviour in the fashion industry. Main focus is on how sustainability is changing the fashion landscape and the purchasing behavior of consumers.

PROGRAMME STRUCTURE

This two-year Master's programme comprises four terms of full-time studies. During the first year, the programme provides in-depth knowledge of theory development, issues, methods, and current research in textile management. The year ends with the course Field Study in Textile Management, which gives the opportunity to pursue internships, create a foundation for your upcoming business, or to be a research assistant in one of the research groups in textile management.

The second year of the programme offers further specialisation into fashion management and marketing with focus on

sustainability. It offers students a combination of research focused and applied courses on the topics of consumer behaviour, branding, trend analysis, marketing communication, retail marketing, and consumption.

THE RIGHT PLACE TO STUDY FASHION AND TEXTILES

The University of Borås is just the right place to study fashion. Here, you will find well-equipped labs, innovation, and research in technology as well as design, often conducted in collaboration with the industry. As the Borås region is a huge textile region, there are good opportunities for collaborations, internships, and degree projects at nearby companies.



VERA THALLINGER

"The academic field of consumer culture theory was most compelling for me as it offers a unique way of viewing consumer behaviour and the marketplace."





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Textile Value Chain Management

MASTER'S PROGRAMME

Shaping the textiles and fashion industry through advanced understanding of sustainable supply chain management, business models, and innovation.

This programme provides you with relevant analytical skills and innovative tools for supply chain management to deal with complex issues caused by an unsustainable fashion and textile industry. You will gain advanced knowledge of textile value chain processes and specialise in the management of different parts of the supply chain. In this way, you will learn how to design and manage systems to work towards more sustainable fashion and textiles. The main emphasis on sustainability is also an important area of research throughout the Swedish School of Textiles.

Textile Value Chain Management

MASTER'S PROGRAMME

OUR PROGRAMME IN SHORT

Our programme offers a good mix of theoretical and practical courses, where scientific foundations of textile management are applied within the courses for addressing complex research and business challenges in a more profession-oriented way. Textile management is a multidisciplinary area with a foundation in social science research fields such as business administration, industrial economy, fashion studies, and related areas that address phenomena important for the textile and fashion industry. Within textile management, phenomena related to different parts of the textile value chain are studied. Sustainability is a common theme throughout all the courses in the programme. These include the development of alternative business models, sustainable trade, and distribution with safe and effective systems for textile value chains and product flows.

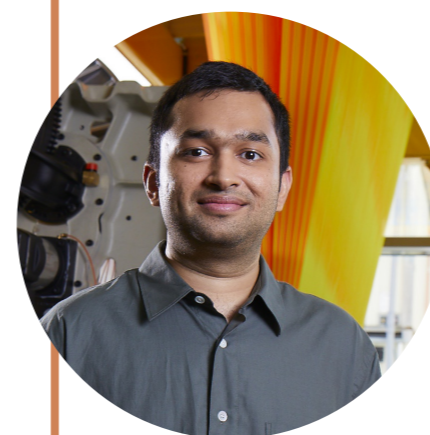
PROGRAMME STRUCTURE

This two-year Master's programme comprises four terms of full-time studies. The courses offered are strongly rooted in current issues in the textile and fashion industry as well as current research in textile management with a focus on sustainability and digital transformation.

During the first year, the programme provides in-depth knowledge of theory development, issues, methods, and current research in textile management. The year ends with the course Field Study in Textile Management, which gives the opportunity to pursue internships, create a foundation for your upcoming business, or to be a research assistant in one of the research groups in textile management.

During the second year, the knowledge and skills obtained during the first year are deepened with focus on the management of textile value chains. In this regard, theoretical approaches introduced in the courses on supply chain management within the first year are transferred into more applied contexts. Areas in focus are e.g., risk management, traceability, demand forecasts, and how the innovative management of textile value chains and product development can contribute to competitive advantages and the reduction of negative sustainability impacts.

The programme concludes with a degree project yielding 30 ECTS credits in which students further specialise in a topic of their choice related to textile value chain management.



AADIT DALAL

"My Master's degree will help me in critically assessing the supply chain wherever I go, wherever I might be working. It will give that critical lens which is required – especially in these times."



Overview of Management Programmes

Textile Management (One Year)

Courses

Courses, term 1:

- Business and management in the textile fashion industry, 3.5 ECTS credits
- Sustainability oriented business models in apparel and textile industry, 4 ECTS credits
- Theoretical foundations of Supply Chain Management and Fashion Studies, 7.5 ECTS credits
- On Methodology and the Philosophy of Science in Textile Management, 7.5 ECTS credits
- Business Strategy and Strategic Management, 7.5 ECTS credits

Courses, term 2:

- Fashion Retail Marketing, 7.5 ECTS credits
- Sustainable supply chain management in apparel and textile, 7.5 ECTS credits
- Thesis for one-year M.Sc. degree in textile management, 15 ECTS credits

Fashion Marketing and Management

Courses, term 1:

- Business and management in the textile fashion industry, 3.5 ECTS credits
- Sustainability oriented business models in apparel and textile industry, 4 ECTS credits
- Theoretical foundations of Supply Chain Management and Fashion Studies, 7.5 ECTS credits
- On Methodology and the Philosophy of Science in Textile Management, 7.5 ECTS credits
- Business Strategy and Strategic Management, 7.5 ECTS credits

Courses, term 2:

- Fashion Retail Marketing and Communication, 7.5 ECTS credits
- Sustainable supply chain management in apparel and textile, 7.5 ECTS credits
- Field Study in Textile Management, 15 ECTS credits

Courses, term 3:

- Digital Marketing Communication in Textile and Fashion, 7.5 ECTS credits
- Fashion Consumer Behaviour, 7.5 ECTS credits
- Trend Analysis in Fashion Markets and Systems, 7.5 ECTS credits
- Consumption and Branding – Cultural Perspectives on Fashion Markets, 7.5 ECTS credits

Courses, term 4:

- The student conducts an independent research project resulting in a Master's thesis of 30 ECTS credits

Textile Value Chain Management

Courses, term 1:

- Business and management in the textile fashion industry, 3.5 ECTS credits
- Sustainability oriented business models in apparel and textile industry, 4 ECTS credits
- Theoretical foundations of Supply Chain Management and Fashion Studies, 7.5 ECTS credits
- On Methodology and the Philosophy of Science in Textile Management, 7.5 ECTS credits
- Business Strategy and Strategic Management, 7.5 ECTS credits

Courses, term 2:

- Fashion Retail Marketing and Communication, 7.5 ECTS credits
- Sustainable supply chain management in apparel and textile, 7.5 ECTS credits
- Field Study in Textile Management, 15 ECTS credits

Courses, term 3:

- Demand Forecasting, 7.5 ECTS credits
- Textile applications of textile value chain management, 7.5 ECTS credits
- Risk and Resilience in Textile Supply Chains, 7.5 ECTS credits
- Traceability in the textile value chain, 7.5 ECTS credits

Courses, term 4:

- The student conducts an independent research project resulting in a Master's thesis of 30 ECTS credits

Textile Management (One Year)

Prerequisites

Bachelor's degree of 180 credits in:

- social sciences
 - business administration
 - fashion studies
 - industrial engineering and management
 - textile design
 - fashion design
 - engineering and technology
- English 6 and approved motivation letter and approved personal interview.

Career opportunities

This programme serves to supplement an existing bachelor level education with competencies related to management and sustainability in textiles and fashion. The career paths are thus dependent on the background of the student in terms of undergraduate studies.

Fashion Marketing and Management

Bachelor's degree of 180 credits in:

- social sciences
 - business administration
 - fashion studies
 - industrial engineering and management
 - textile design
 - fashion design
 - engineering and technology
- English 6 and approved motivation letter and approved personal interview.

This programme prepares students for advanced positions in the industry as well as academia. Previous students have found employment as, for example, sustainability manager, CSR manager, fashion editor, marketing and promotion support, assistant buyer, social media specialist, sales manager, content creator, business developer, managing director, design coordinator, global visual merchandiser, as well as establishing their own business. You can also continue your studies and pursue a doctorate.

Textile Value Chain Management

Bachelor's degree of 180 credits in:

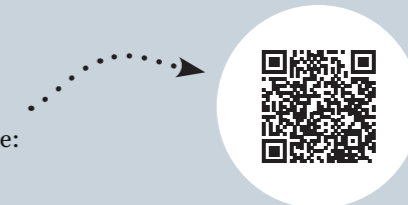
- social sciences
 - business administration
 - industrial economy
 - technology
- English 6 and approved motivation letter and approved personal interview.

This programme prepares students for advanced positions in the industry as well as academia. Previous students have found employment as, for example, sustainability manager, CSR manager, assistant buyer, product development, sourcing manager, quality assurance coordinator, strategic procurement manager, business developer, managing director, design coordinator, as well as establishing their own business. You can also continue your studies and pursue a doctorate.

How to apply

Step 1:

Complete the formal application on the national website:
www.universityadmissions.se



Step 2:

Send your Reflection and Resumé. Fill in a form on our website.



Step 3:

Interviews will take place for those who have passed the first two rounds of the application process (steps 1 and 2).



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120 ECTS credits

LANGUAGE:
English

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universityadmissions.se

MORE INFORMATION:
Follow the QR code to learn more about prerequisites, tuition fees, course content, and more.



Resource Recovery – AI-Enhanced Supply Chain Management

MASTER'S PROGRAMME

This Master's programme consists of a unique combination of resource recovery and supply chain management, where we also take advantage of the growing opportunities available in AI. Resource recovery sees value in resources that are often otherwise seen as waste. A central component in creating resources from waste are efficient systems that can recover and transform waste into something of value. To enable this, as well as to reduce further waste generation, the management of supply chains is central. These subjects are closely connected, but often treated separately in different academic courses. Due to the high complexity in this area, there is great potential for improvement with the help of various decision supports.

Resource Recovery – AI-Enhanced Supply Chain Management

MASTER'S PROGRAMME

SUSTAINABLE DEVELOPMENT AND INCREASED COMPETITIVENESS

This Master's programme is for those who want to contribute to sustainable development by working within more stringent environmental and traceability requirements. The programme gives you knowledge about how companies increase their competitiveness through supply chain management. It will also prepare you to work with skills linked to the application of AI in order to understand and manage complex problems.

OUR PROGRAMME IN SHORT

You will study and practice how to manage supply chains across multiple industries in a sustainable way and you will learn how to analyse, describe, and design supply chains in relation to specific targets.

The programme also gives you insights into how AI and numerical methods contribute tools that are crucial in both research and practice within industrial engineering. These tools give you the possibility to understand, describe, and optimise supply chains.

PROGRAMME STRUCTURE

In the first term, you will acquire broad competencies regarding the present state and future directions of the field of resource recovery. The first term entails an exploration of methodological knowledge, including life cycle analysis and research methodology, and provides an overview of current regulatory frameworks, economic circumstances, and business models.

During the second term, the programme focuses on courses related to the sustainable management of supply chains in the textile and fashion industry, theory of logistics and supply chains, and the optimisation of complex systems. It also gives insights into AI and numerical methods within industrial engineering.

Lastly, the programme includes a year-long degree project yielding 60 ECTS credits, wherein you will investigate an area of your particular interest in depth. It is also possible to do a degree project yielding 30 ECTS credits by taking additional elective coursework relevant to the programme.



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Resource Recovery – Biotechnology and Bioeconomy

MASTER'S PROGRAMME

How can we produce enough nutritious food, animal feed, materials, and energy in a sustainable manner? How can biotechnology assist in fostering a sustainable society, and a circular economy, while creating job and business opportunities? This Master's programme offers the chance to become a global community builder in roles such as researcher, engineer, or manager.

Resource Recovery – Biotechnology and Bioeconomy

MASTER'S PROGRAMME

LEARN HOW TO TURN THE CHALLENGES OF WASTE INTO NEW OPPORTUNITIES

This unique Master's programme is for those who want to learn about how to use the biotechnology to turn the challenges associated with the huge amounts of waste generated by human activities into new opportunities for the development of a circular economy and society. It is for those who want to learn more about green solutions for waste management and how it is possible to convert waste and by-products into sustainable products, as well as for those who want to learn how biology and biotechnology are translated into practice in industry and trade.

OUR PROGRAMME IN SHORT

In this Master's programme, you will build your skills in analysing and solving problems related to the transport, processing, and transformation of waste streams and residues into useful products using biotechnological methods and you will learn how to develop related processes and business enterprises.

PROGRAMME STRUCTURE

In the first term, you will acquire broad competencies regarding the present state and future directions of the field of resource recovery on both a global and national scale. This entails an exploration of business insights and methodological knowledge, including life cycle analysis.

During the second term, the programme focuses on courses related to biotechnology applications, bioprocesses, and bioeconomy.

Lastly, the programme includes a year-long degree project yielding 60 ECTS credits, wherein you will investigate the area of your particular interest in depth. This degree project can be conducted either within the industry or in collaboration with our esteemed researchers and doctoral candidates at the Swedish Centre for Resource Recovery and the Swedish School of Textiles at the University of Borås. It is also possible to do a degree project yielding 30 ECTS credits by taking additional elective courses relevant to the programme.



SAMIRA SYED

"I wanted to learn skills that would let me make a real impact by finding practical ways to tackle environmental challenges and contribute to a better future for all."





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Resource Recovery – Polymer Materials for the Circular Economy

MASTER'S PROGRAMME

Polymer materials, including plastics and textiles, play a crucial role in our everyday lives. Therefore, the development of sustainable recycling methods and the creation of new polymer materials with minimal climate and environmental footprints are of utmost significance. If you aspire to explore this subject deeper and contribute to its progress, our Master's programme is designed specifically for you.

Resource Recovery – Polymer Materials for the Circular Economy

MASTER'S PROGRAMME

OUR PROGRAMME IN SHORT

Our programme focuses on polymer materials and their integration into a circular economy. It includes the concepts of polymer recycling, reuse, biodegradation, and their ecological impact. Additionally, it explores the development of renewable biopolymers and polymers that align with circular economy principles.

Within the programme, there is comprehensive coverage of the production, applications, and properties of plastics, textiles, and composite materials. Special attention is given to the potential of utilising biologically derived raw materials for polymer creation and their subsequent biological breakdown. Another focus is on the recycling of polymers as well as on the development of composites from natural fibres. The educational curriculum also incorporates the learning of practical laboratory methods to foster fundamental skills in the processing of plastics, composite manufacturing and structural characterisation, and material property testing.

RESEARCH IN RESOURCE RECOVERY AND TEXTILE TECHNOLOGY

As a student in this Master's programme, you will have the opportunity to engage in the forefront of the university's research activities

focussed on resource recovery and textile technology.

PROGRAMME STRUCTURE

In the first term, you will acquire broad competencies regarding the present state and future directions of the field of resource recovery on both a global and national scale. This entails an exploration of business insights and methodological knowledge, including life cycle analysis.

During the subsequent term, the programme places a specific emphasis on courses pertaining to polymer materials.

Lastly, the programme includes a year-long degree project yielding 60 ECTS credits, wherein you will investigate the area of your particular interest in depth. This degree project can be conducted either within the industry or in collaboration with our esteemed researchers and doctoral candidates at the Swedish Centre for Resource Recovery and the Swedish School of Textiles at the University of Borås. It is also possible to do a degree project yielding 30 ECTS credits by taking additional elective courses.



SNEHABEN GAURANGKUMAR MISTRY

"In the polymer programme, I learned so many things. Especially in plastic waste recycling. I also learned how we can produce bio-based polymers, or so-called sustainable polymers."





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Resource Recovery – Sustainable Civil Engineering

MASTER'S PROGRAMME

The building sector has a major impact on the climate and our environment. In this Master's programme, you will learn about how to create resource and energy-efficient buildings with good indoor environments. You will also immerse yourself in sustainable concrete and wooden constructions.

Resource Recovery – Sustainable Civil Engineering

MASTER'S PROGRAMME

THE FUTURE OF THE BUILDING SECTOR

This Master's programme is for those who want to contribute to a more sustainable building sector in the future. It is for those who want to tackle the challenges of reducing climate impact from the building sector by aiming for a higher degree of circularity, by creating new and smarter building materials and constructions, and by decreasing the energy use in buildings. The programme will prepare you to work with both management in the building sector, and with technology – in industry, in the public sector, and in research.

OUR PROGRAMME IN SHORT

You will study and practice problem solving, planning, leadership, and analytics with a focus on civil engineering, building technology, and a sustainable building sector. The programme deals with all parts of the lifespan of a building, from planning and construction, use of the building, to the end of its lifespan. You will explore the possibilities of circular design and the optimal use of building materials to decrease the impact of raw material extraction and waste.

PROGRAMME STRUCTURE

In the first term, you will acquire broad competencies regarding the present state and future directions of the field of resource

recovery. The first term entails an exploration of methodological knowledge, including life cycle analysis and research methodology, and provides an overview of current regulative frameworks, economic circumstances, and business models.

During the second term, the programme focuses on courses related to building technology and structural engineering. This includes building with renewable resources, such as wood, energy efficiency, recycling of building materials – in particular concrete, numerical methods, and computer-aided design.

Lastly, the programme includes a year-long degree project yielding 60 ECTS credits, wherein you will investigate an area of your particular interest in depth. This degree project can be conducted either within the industry or in collaboration with our researchers and doctoral candidates at the Swedish Centre for Resource Recovery at the Structural Mechanics and Building Physics Lab or at the Aggregate and Concrete Lab at the University of Borås. It is also possible to do a degree project yielding 30 ECTS credits by taking additional elective coursework relevant to the programme.



UNIVERSITY
OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Campus in Borås

CREDITS:
120 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se

MORE INFORMATION:
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Resource Recovery – Sustainable Energy Processes

MASTER'S PROGRAMME

Today, humans produce vast amounts of waste and other residual material; at the same time, the demand for products and energy is steadily increasing. This increase also applies to needs for nutrients and minerals that then often end up in landfills or the ocean. This Master's programme is for those who want to be a part of the important technological leap forwards towards a circular economy and a more sustainable energy system, either as a researcher, an engineer, or within management.

Resource Recovery – Sustainable Energy Processes

MASTER'S PROGRAMME

OUR PROGRAMME IN SHORT

In this Master's programme, you will study the opportunities available regarding the utilisation of waste and residual material. Through thermal treatment methods, you will learn to create valuable and necessary products. It is possible, for example, to produce energy carriers like electricity, heat, and fuels, and at the same time separate inorganic material and important metals for future use in society. This minimises the need for landfills. Your future role focuses on minimising human interference in the natural biosphere. More specifically, the studies include process technologies but also system analysis specifically dedicated to energy purposes.

PROGRAMME STRUCTURE

During the first term, you will gain an understanding of the current status and future trends in the field of resource recovery, both globally and nationally. Business and methodological knowledge such as life cycle

analysis are also included. The second term focuses on courses in energy recovery, thermal processes, and sustainable energy systems.

The programme ends with a one-year degree project in which you will immerse yourself further in the area that interests you. The degree project can be carried out within the industry or in collaboration with our researchers and doctoral students at the Swedish Centre for Resource Recovery at the University of Borås.



ONYINYECHI UGOCHUKWU

"It is a very versatile programme and there is no restriction to any area you would want to venture into in the future."



Overview of Resource Recovery Programmes

AI-Enhanced Supply Chain Management

Courses

Courses, year 1:

- Resource Recovery 1, 7.5 ECTS credits
- Life Cycle Assessment, 5 ECTS credits
- Theory of Science and Research Methodology, 5 ECTS credits
- Resource Recovery 2, 7.5 ECTS credits
- Circular Economy, 5 ECTS credits
- Sustainable Supply Chain Management in Apparel and Textiles, 7.5 ECTS credits
- Stochastic Optimisation of Complex Systems, 7.5 ECTS credits
- Advanced Supply Chain Management, 7.5 ECTS credits
- AI in Industrial Processes and Supply Chains, 7.5 ECTS credits

Biotechnology and Bioeconomy

Courses, year 1:

- Resource Recovery 1, 7.5 ECTS credits
- Life Cycle Assessment, 5 ECTS credits
- Theory of Science and Research Methodology, 5 ECTS credits
- Resource Recovery 2, 7.5 ECTS credits
- Circular Economy, 5 ECTS credits
- Industrial Biotechnology, 7.5 ECTS credits
- Biotechnology Processes and Applications, 7.5 ECTS credits
- Bioprocess Design, 15 ECTS credits

Polymer materials for a circular economy

Courses, year 1:

- Resource Recovery 1, 7.5 ECTS credits
- Life Cycle Assessment, 5 ECTS credits
- Theory of Science and Research Methodology, 5 ECTS credits
- Resource Recovery 2, 7.5 ECTS credits
- Circular Economy, 5 ECTS credits
- Polymer Technology, 7.5 ECTS credits
- Polymers and Textiles in Composites, 7.5 ECTS credits
- Experimental Methods for Polymers and Textiles, 7.5 ECTS credits
- Polymeric and Textile Materials and the Environment, 7.5 ECTS credits

Sustainable Civil Engineering

Courses

Courses, year 1:

- Resource Recovery 1, 7.5 ECTS credits
- Life Cycle Assessment, 5 ECTS credits
- Theory of Science and Research Methodology, 5 ECTS credits
- Resource Recovery 2, 7.5 ECTS credits
- Circular Economy, 5 ECTS credits
- The building as a system, 7.5 ECTS credits
- Timber technology, 7.5 ECTS credits
- Digitalisation and mathematical modelling, 15 ECTS credits
- Concrete technology and recycling, 7.5 ECTS credits

Sustainable Energy Processes

Courses, year 1:

- Resource Recovery 1, 7.5 ECTS credits
- Life Cycle Assessment, 5 ECTS credits
- Theory of Science and Research Methodology, 5 ECTS credits
- Resource Recovery 2, 7.5 ECTS credits
- Circular Economy, 5 ECTS credits
- Thermal Energy Recovery, 7.5 ECTS credits
- Heat Transfer in Thermal Applications, 7.5 ECTS credits
- Process Design - Energy Carrier Production, 15.0 ECTS credits

Courses, year 2:

Terms 3 and 4 consists only of a degree project, divided into two courses: Degree project 1, 30 ECTS credits and Degree project 2, 30 ECTS credits. In Degree project 2, the research project is further specialised.

During year 2, there is an opportunity for students to exchange the course Degree project 2 for courses comprising 30 ECTS credits.

The intention is to facilitate various forms of internationalisation, such as exchange studies. The courses are to be linked to the objectives of the programme.



Resource Recovery – AI-Enhanced Supply Chain Management

Prerequisites

Bachelor of Science in Engineering or a Bachelor of Engineering, 180 ECTS credits, with a focus on industrial economics or textile management, or a bachelor's degree in physics or chemistry. Alternatively, a related education with a focus on logistics (15 ECTS credits) and industrial economics (15 ECTS credits).

- English 6 is required.

Resource Recovery – Biotechnology and Bioeconomy

Bachelor's degree of 180 ECTS credits in:

- Science or Science in Engineering specialising in
- mechanical engineering
- industrial economics
- energy engineering
- chemical engineering
- biotechnology
- road and water technology
- textile engineering, or construction engineering
- or a Bachelor's degree in physics or chemistry.

- English 6 is required.

Resource Recovery – Polymer materials for a circular economy

Bachelor's degree of 180 ECTS credits in:

- Science or Science in Engineering Specialising in
- mechanical engineering
- industrial economics
- energy engineering
- chemical engineering
- polymer technologies
- materials engineering
- biotechnology
- road and water technology
- textile engineering, or construction engineering
- or a Bachelor's degree in physics or chemistry.

- English 6 is required.

Resource Recovery – Sustainable Civil Engineering

Prerequisites

Bachelor's degree of 180 ECTS credits in:

- Science of Science Engineering, of which 60 credits in construction or building technology related topics specialising in
- business development in construction
- construction engineering
- energy technology
- materials technology
- civil engineering
- or equivalent.

- English 6 is required.

Resource Recovery – Sustainable Energy Processes

Bachelor's degree of 180 ECTS credits in:

- Science or Science in Engineering specialising in
- mechanical engineering
- industrial economics
- energy engineering
- chemical engineering
- biotechnology
- road and water technology
- textile engineering, or construction engineering
- or a Bachelor's degree in physics or chemistry

- Knowledge of thermodynamics

- English 6 is required.

Career opportunities

This educational programme gives you broad competence that prepares you for professional roles linked to supply chains, product development, and sustainability issues at manufacturing or transport companies.

The programme will also make you a global community builder with the knowledge necessary to take on challenges and to set up professional networks in the area of sustainable supply chain management.

This educational programme prepares you for professional roles as an engineer, product developer, researcher, or manager, where you need knowledge in biotechnology and process development in a circular bioeconomy.

The programme will also make you a global community builder with the knowledge necessary to take on challenges and to set up professional networks in biotechnology and circular bioeconomy.

This educational programme prepares you for professional roles as an engineer, product developer, researcher or manager, where you need knowledge regarding how polymer based materials act in the circular economy as well as the bioeconomy.

The programme will also make you a global community builder with the knowledge necessary to take on challenges and to set up professional networks in the area of polymers and the society.

Career opportunities

This educational programme prepares you for professional roles as a structural engineer, construction manager, sustainability expert, property developer, researcher or developer in the construction sector with a focus on sustainability.

The programme will also make you a global community builder with the knowledge necessary to take on challenges and to set up professional networks in the area of sustainable construction.

Possible places of employment after graduation are energy companies, consulting companies, research institutes, recycling companies, manufacturers of equipment, public administration, and other industries.

You can work with product or process development or as an environmental manager at a company. Of course, you also have the opportunity to later pursue doctoral studies in the field, in Sweden or abroad.

How to apply

Step 1:

Complete the formal application on the national website: www.universityadmissions.se

Read more about the application and admission process:



Spring and autumn intake!





THE SWEDISH SCHOOL
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Textile Production and Innovation

BACHELOR'S PROGRAMME

The textile industry needs to change – and for that, we need innovative developers and leaders who can think in new ways. You and your ideas can transform the textile industry into a sustainable and circular industry. The Textile Production and Innovation educational programme gives you the tools and mind-set, but it is you who will move forward and take responsibility for a sustainable textile industry.

Textile Production and Innovation

BACHELOR'S PROGRAMME

THE PROGRAMME IN SHORT

This programme is designed based on the current and future needs in the textile industry, where technical textiles, a digital transformation of the industry, compliance with regulations and laws regarding textile products, as well as innovations at the material, product, and process levels are key areas to enable more local and flexible production. You will be working in an international environment.

WORK WITH INNOVATIONS AND SUSTAINABILITY

Textile Production and Innovation suits those of you with an interest in the technical side of things and it prepares you to work with innovative products and processes, as well as sustainability aspects in the textile industry.

PROGRAMME STRUCTURE

The programme comprises three years of full-time studies corresponding to 180 credits, where the main field of study Textile Technology is a permeating element of all three years. This means that introductory textile courses in fibre and yarn technology, knitting, weaving and non-woven techniques, dyeing and finishing, as well as assembly and processing form the basis for the broad textile competencies on which the programme is based. These introductory courses are what make your education unique, not only in Sweden but throughout Europe. You will gain an understanding of textile processes that few other graduates can claim.

During the course of the programme, you will have many practical courses where theory and practice are combined in order for you as a student to gain an understanding of the subject and achieve the goals set by the programme. In addition, theoretical and practical knowledge are applied in the project courses where you are trained to bring together all the parts necessary for a specific textile material and product to be put into production. The products and the processes around them will then be considered and analysed from several sustainability aspects.

This programme offers flexibility for you as a student by allowing you to choose between two specialisation tracks with elective courses in textile innovation in the third academic year. These specialisation tracks are Materials Innovation and Product Innovation. The specialisation in Materials Innovation aims to give you more in-depth knowledge at the fibre level, in textile functionalisation, and in smart textiles. The specialisation in Product Innovation gives you the opportunity to deepen your knowledge of the development and creation of innovative and technical products.

The degree project is the last course within the programme and is an independent project (termed degree project) comprising 15 credits. The project topic will be rooted in business and industry or research and the implementation and examination follow the academic requirements regarding method and report writing. In this way, you will gain an understanding of the needs of the business and industry community as well as of what you as a new graduate will be able to contribute.



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Textile Engineering

MASTER'S PROGRAMME

The starting point of this programme is textile fibres: what do they consist of? What significance do they have, and what could be done with them? This educational programme links together and specialises in different elements that develop both theoretical and practical knowledge. It is a modern programme that includes recurring elements such as digitisation, recyclability, and a sustainability perspective.

Textile Engineering

MASTER'S PROGRAMME

This educational programme is the only one of its kind in Scandinavia and one of few in Europe. It has a strong focus on research and development, providing a deep understanding of technology and chemistry, i.e., how to truly make that work. It is designed for students with a Bachelor's degree in the engineering field who are motivated to work and explore in a laboratory or manufacturing environment. To make the most of the programme, you need good skills in mathematics, textile manufacturing methods, textile material technology, and textile chemistry. During the educational programme, you will develop your knowledge, skills, and assessment ability in textile technology.

WELL-EQUIPPED LABORATORIES

The Swedish School of Textiles has well-equipped laboratories, both industrial-scale and small-scale research labs. The latter facilitate exploratory proof-of-concept studies before moving to a larger scale. The staff's competence is unique and provides a strong research basis for the education.

SUSTAINABLE DEVELOPMENT

The essence of textile engineering is to maintain textiles' tactile feel even as they obtain new abilities and interactivity through different technical processes. This is why the programme emphasises polymers, fibres, yarns, and fabrics, as well as process thinking and advanced functionalisation of textiles at the beginning. During the second year, its research foundation becomes particularly pronounced. The students will work with state-of-the-art machinery and instruments and practice their

scientific writing and communication skills. To address the challenges of the textile world today and in the future, the programme contributes to digitalisation, circular processes, and sustainable development, which are also decisive driving forces for the Faculty's research.

PROGRAMME STRUCTURE

The educational programme follows the different scales of textiles' composition. The course on Polymer Technology deals with the materials at the atomic and molecular levels, followed by the course Fibre and Yarn Technology. This is further followed by courses in Advanced Textile Structures and Textile-Based Composites.

In the Textile Chemistry course and the Wearable Textile Electronics course, students develop tools to manipulate and functionalise textiles. The courses in Product Development and the Project Course in Advanced Textiles offer opportunities to study applications, just as the course in Ethics in the Textile Value Chain course puts technology into context.

During the project course, students' knowledge of the theory of science and research methodology is founded. Further specialisation in the course Advanced Textile Chemistry followed by Advanced Finishing and Printing and the course in Smart Textiles supports the students to be well prepared to show their multitude of skills and abilities in their degree project.



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Technical Textile Innovation

MASTER'S PROGRAMME

The transition to a circular textile industry calls for students who have new ways of thinking about innovation and product development.

Technical Textile Innovation

MASTER'S PROGRAMME

THE PROGRAMME IN SHORT

This educational programme equips you with the tools to analyse future conditions and to transform contemporary products and processes for future needs in a global perspective. You acquire a profound textile technological understanding and get the chance to explore its potential in transdisciplinary contexts, with a specific emphasis on advancing textile innovation.

PROGRAMME STRUCTURE

Discover the perfect blend of textile innovation and sustainable development. This programme is designed with a strong foundation in textile technology and methodology in design, product development, sustainability, and innovation. These core pillars are seamlessly integrated to fuel creativity and drive innovation within textile production and technology.

EXPERIENCE LEARNING IN MULTIDISCIPLINARY SETTINGS

Immerse yourself in a vibrant learning environment where you will collaborate with students from our Master's programmes in Textile Engineering as well as Resource Recovery. Together, you will learn as you tackle real-world challenges and explore cutting edge concepts. Through joint courses in Textile Technology, Ethics in the Textile Value Chain,

Product Development, Circular Economy and Life Cycle Assessment, you will gain a solid foundation and technical expertise.

As you progress, dive into programme-specific courses such as Creative Design Processes, Textile Product Design-Construction and Joining Technology, Advanced Finishing and Dyeing, and Innovative Textile Product Development.

In the final stages of each year, you'll have the opportunity to apply your expertise in project courses that focus on advanced textiles and sustainable development in close collaboration with industry professionals and researchers. These project courses will also deepen your understanding of scientific theory and research methods, equipping you with invaluable skills for your future career.

WELL-EQUIPPED LABORATORIES

The Swedish School of Textiles has well-equipped laboratories, both industrial and small-scale research labs, where you will have the unique opportunity to develop hands-on laboratory skills through assignments and projects that materialise ideas into proof-of-concept mock-ups. The staff's expertise is exceptional and forms the strong research foundation of the educational programme.



IZABELL GUSTAFSSON

"I am interested in the environmental impacts of the textile industry and although it is a complex area, I have found tools on how to look at the problems and potentially one day tackle them."



Overview of Textile Programmes

Bachelor's in Textile Production and Innovation

Courses

Courses, year 1:

- Introduction to Textile Production and Innovation, 2.5 ECTS credits
- Textile Basics, 5 ECTS credits
- Textile Science I, 7.5 ECTS credits
- Fiber and Yarn Technology, 5 ECTS
- Weaving Technology, 5 ECTS credits
- Knitting Technology, 5 ECTS credits
- Textile Science II, 7.5 ECTS credits
- Technical Textile Product Development, 7.5 ECTS credits
- Nonwoven Technology, 5 ECTS credits
- Dyeing and Finishing, 5 ECTS credits
- Textile Product Manufacturing, 5 ECTS credits

Courses, year 2:

- Textile Structures, 7.5 ECTS credits
- Textile Innovation, 7.5 ECTS credits
- Textile Assembly Techniques, 5 ECTS credits
- Quality Assurance and Textile Testing, 5 ECTS credits
- Digital Tools for Communication, 5 ECTS credits
- Design Thinking and Rapid Prototyping, 7.5 ECTS credits
- Digital Textile Transformation, 7.5 ECTS credits
- Project Management and Global Communication, 7.5 ECTS credits
- Sustainable Business and Product Development, 7.5 ECTS credits

Courses, year 3:

- Compliance for Textile Production, 7.5 ECTS credits
- Elective Course I, 7.5 ECTS credits
- Elective Course II, 7.5 ECTS credits
- Elective Course III, 7.5 ECTS credits
- Textile Technology Project with Scientific Methods, 15 ECTS credits
- Thesis Project, 15 ECTS credits

Master's in Textile Engineering

Courses, term 1:

- Polymer Technology, 7.5 ECTS credits
- Advanced fibre and yarn technology, 7.5 ECTS credits
- Textile Chemistry, 7.5 ECTS credits
- Textile product development, 6 ECTS credits
- Ethics in the textile value chain, 1.5 ECTS credits

Courses, term 2:

- Advanced textile structures, 7.5 ECTS credits
- Textile and Wearable Electronics, 7.5 ECTS credits
- Project course in advanced textiles, 15 ECTS credits

Courses, term 3:

- Advanced Textile Chemistry, 7.5 ECTS credits
- Textile-based Composite Technology and Additive Manufacturing, 7.5 ECTS credits
- Advanced Finishing and Printing, 7.5 ECTS credits
- Smart Textiles, 7.5 ECTS credits

Courses, term 4:

- Thesis Project, 30 ECTS credits

Master's in Technical Textile Innovation

Courses, term 1:

- Creative design processes, 7.5 ECTS credits
- Advanced fibre and yarn technology, 7.5 ECTS credits
- Textile product design - construction and joining technologies, 7.5 ECTS credits
- Textile product development, 6 ECTS credits
- Ethics in the textile value chain, 1.5 ECTS credits

Courses, term 2:

- Advanced textile structures, 7.5 ECTS credits
- Innovative textile product development, 7.5 ECTS credits
- Project course in advanced textiles, 15 ECTS credits

Courses, term 3:

- Advanced finishing and dyeing technologies, 7.5 ECTS credits
- Life cycle assessment, 7.5 ECTS credits
- Project course in sustainable development, 10 ECTS credits
- Circular economy (RR), 5 ECTS credits

Courses, term 4:

- Thesis Project, 30 ECTS credits

Bachelor's in Textile Production and Innovation

Prerequisites

General entry requirements + Civics 1b or Civics 1a1 +1a2 and Mathematics 2a or Mathematics 2b or Mathematics 2c.

- English 6 is required.

Career opportunities

After graduation, there are many job opportunities. For example, roles such as project and innovation coordinator, production manager, compliance coordinator and material, trim, or product developer.

You can also pursue further studies. Our Master's programme in Technical Textile Innovation is a perfect match for further studies in the field.

Master's in Textile Engineering

Bachelor's degree of 180 ECTS credits in:

- Science in Engineering or applied science with enough science competence as described below
- 15 ECTS credits in mathematics
- 7.5 ECTS credits in chemistry (with at least half in organic chemistry)
- 7.5 ECTS credits in materials engineering (with at least 3 in polymeric materials)
- and a total of at least 15 ECTS credits in yarn, weaving, knitting, textile joining and/or non-woven technology.
- English 6 is required.

After graduation, several career paths open up. Students can work in various research and development-oriented industrial positions or in production and quality assurance roles, eventually advancing into specialist or managerial positions.

Perhaps further specialisation in textile technology through doctoral studies will be of interest.

Master's in Technical Textile Innovation

Bachelor's degree of 180 ECTS credits in:

- Textile technology
- English 6 is required.

After graduation, you'll have a wide range of career paths to explore. You can pursue leading positions such as product development manager, innovation and sustainability manager, or you can start your own innovation agency.

With your extensive knowledge and experience, you'll be well equipped to excel in these roles within various textile industries. Alternatively, you can choose to continue your academic journey by pursuing a doctorate, opening doors to cutting-edge research opportunities.

How to apply

Step 1:

Complete the formal application on the national website: www.universityadmissions.se

Read more about the application and admission process:





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Fashion Design

BACHELOR'S PROGRAMME

In this programme, you learn to master the entire design process: from idea to finished fashion product, both traditionally and more experimentally. After graduation, you could start working directly at a fashion company. As a student in this programme, you will become the designer of the future with a full grasp on sustainability and how to develop and improve the field.

Fashion Design

BACHELOR'S PROGRAMME

PROGRAMME STRUCTURE

At the beginning of this educational programme, students learn about the traditional design process. Where do ideas come from and how can you develop them? Then, the experimental phase begins. This is where you learn about new methods and approaches. What restrictions do you encounter? What does a traditional mannequin look like? Why? Which conditions and views of the body result? How do we look at fashion in relation to these conditions?

MATERIAL KNOWLEDGE

This is also a matter of material knowledge, about learning to get the best out of a material, to see how a material works on a moving body and knowing about which methods to use in order to succeed.

WELL-EQUIPPED LABORATORIES

The Swedish School of Textiles has well-equipped laboratories staffed by skilled and experienced technicians, which give you great opportunities to test and try to realise your ideas with the same types of machines as are used in the industry. There are also well-lit

and spacious studios for you to work in. Each student has their own desk during the entire programme, which is another advantage.

CRITICAL VIEW ON CLOTHING

But fashion is more than just about making clothes. For example, it is important to know about and relate to political and social codes. The works made by students in this programme are based on a critical view of clothing and design, which is reflected in the collections that they exhibit in fashion shows during their education.

EXHIBITIONS AND COMPETITIONS

All degree projects are shown at an exhibition at the Textile Museum of Sweden, at Stockholm Fashion Week, and Copenhagen Fashion Week. In addition to this, many students participate in international competitions such as Design Nest and HM Design Award. Getting the opportunity to show your work to a professional and international audience is a huge plus leading to recognition, contacts, and constructive feedback.



ALICE GRUVANDER

"The university offers the opportunity to create material on site, which gives me as a student a greater opportunity to explore my artistic expression."





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Textile Design

BACHELOR'S PROGRAMME

Design, textile materials, and challenging existing textile techniques are in focus in the Bachelor's programme in Textile Design. With knowledge in textile construction techniques and the latest research in materials and fibres, you can experiment with how these materials could be designed and used in a number of projects. Also, sustainability is a foundational aspect for students in every design project.

Textile Design

BACHELOR'S PROGRAMME

Currently, textile materials and methods are rapidly being developed. The Swedish School of Textiles offers textile educational programmes at the Bachelor's, Master's, and doctoral levels. Students have access to the latest findings about new materials as our doctoral students give lectures and hold workshops about their projects.

WELL-EQUIPPED LABORATORIES

Our well-equipped laboratories for knitting, dyeing, printing, and weaving at the Swedish School of Textiles are unique and provide fantastic opportunities to develop students' design skills.

HOME OF SMART TEXTILES

In addition to this, the Swedish School of Textiles is also home to Smart Textiles, where the second generation of sustainable Smart Textiles are being developed in a variety of research projects. What happens at Smart Textiles becomes integrated in our courses, allowing our students the opportunity to test and learn from these developments.

PROGRAMME STRUCTURE

During the first year, our students gain a solid foundation in design methodology and the

design of surface patterns for their further design work. During the second year, our students develop their design skills based on an experimental design approach and textile construction techniques. The third year is mainly devoted to a specialisation in one particular technique: printing, knitting, or weaving, together with internships and degree projects.

Throughout the entire programme, our students build up their own portfolios, and exhibition techniques are a recurring subject during all three years.

EXHIBIT YOUR WORK

Our students have several opportunities to exhibit their work, for example at the Furniture Fair in Stockholm and at the graduation exhibition show EXIT at the Textile Museum of Sweden in Borås. In addition to this, their degree projects are exhibited during Dutch Design Week in Eindhoven.



IDA LINDE

"What I have mainly taken with me are the tools to work creatively under time pressure, to advocate for and reflect on my decisions, as well as an ability to try out different types of projects within design."



Overview of Design Bachelor's Programmes

Bachelor's in Fashion Design

Course content

Courses, year 1:

- Basic Design 1: Body and structure, 15 ECTS credits
- Design Aestétique 1: History and contemporary movements, 4.5 ECTS credits
- Dyeing, textile printing and preparation techniques, 9 ECTS credits
- Design Project 1: Virtual construction and design development, 9 ECTS credits
- Basic Design 2: Design experiments and knitting, 7.5 ECTS credits
- Design project 2: Technique and expression, 7.5 ECTS credits

Courses, year 2:

- Design Methodology 2: Sensory Design, 7.5 ECTS credits
- Body, dress and graphics, 4.5 ECTS credits
- Experimental weaving, 4.5 ECTS credits
- Design Project 3: Specialisation, 13.5 ECTS credits
- Design Aesthetics 2: Principles and perspectives, 7.5 ECTS credits
- Basic Design 3: Body, dress, nature, 7.5 ECTS credits
- Portfolio and presentation technique, 7.5 ECTS credits
- Sustainable business development and product development, 7.5 ECTS credits

Courses, year 3:

- Design Project 4: Design commission, 18 ECTS credits
- Design project 4: Applied design, 18 ECTS credits
- Design methodology 3: Design research, 7.5 ECTS credits
- Design Project 5: Specialisation, 15 ECTS credits
- Degree project, 15.0 ECTS credits
- Fashion Communication: Fashion Photography, Styling and Presentation, 4.5 ECTS credits

Bachelor's in Textile Design

Courses, year 1:

- Form and materials 1: Expression and structure, 15.0 ECTS credits
- Techniques and expression 1: Dyeing, printing and preparation, 13.5 ECTS credits
- Design Methods 1: Design development, 9 ECTS credits
- Design aesthetics 1: History and contemporary movements, 4.5 ECTS credits
- Form and materials 2: Materials and expression, 6.0 ECTS credits
- Design project 1: Pattern, surface and design, 12 ECTS credits

Courses, year 2:

- Techniques and expression 2: Knitting and tricot, 7.5 ECTS credits
- Design project 2: Elasticity and structure, 7.5 ECTS credits
- Design aesthetics 2: Perspectives and principles, 4.5 ECTS credits
- Design methodology 2: Contemporary art and textiles, 7.5 ECTS credits
- Technique and design 3: Weaveconstruction and scale, 15 ECTS credits
- Design aesthetics 3: Criticism and assessment, 4.5 ECTS credits
- Sustainable business- and product development, 7.5 ECTS credits
- Textile communication and portfolio, 6.0 ECTS credits

Courses, year 3:

- Design Project 4: Design commission, 18 ECTS credits
- Design project 4: Applied design, 18.0 ECTS credits
- Exhibition design, 4.5 ECTS credits
- Design methodology 3: Design research, 7.5 ECTS credits
- Design project 5: Specialisation, 15.0 ECTS credits
- Bachelor Degree Project, 15 ECTS credits

Bachelor's in Fashion Design

Prerequisites

General admission requirements and specific admission requirements: The following specific admission requirements apply for education leading to a Bachelor of Arts: (i) artistic design ability to work, experiment, illustrate and realise fashion and textiles and other elements in an expressive manner, in order to convey intended ideas in a comprehensible manner, (ii) technical ability in textile techniques, e.g. weaving, printing, sewing, embroidery, knitting or other textile constructions, (iii) a certain degree of critical theoretical knowledge within the field of fashion and design.

Career opportunities

After graduation, many students continue studying for a Master's degree. Others start working for different fashion houses or start their own businesses. Internships during the third year of the programme often give students valuable contacts for future employment.

How to apply

Step 1:

Complete the formal application on the national website: www.universityadmissions.se

Step 2:

Upload your application portfolio and CV to the upload portal.

Step 3:

Upload supporting documents to universityadmissions.se

Read more about the application and admission process for the Bachelor's programmes in Fashion and Textile Design:

Bachelor's in Textile Design

General admission requirements and specific admission requirements: The following specific admission requirements apply for education leading to a Bachelor of Arts: (i) artistic design ability to work, experiment, illustrate and realise fashion and textiles and other elements in an expressive manner, in order to convey intended ideas in a comprehensible manner, (ii) technical ability in textile techniques, e.g. weaving, printing, sewing, embroidery, knitting or other textile constructions, (iii) a certain degree of critical theoretical knowledge within the field of fashion and design.

After graduation, there are many career paths to choose from, such as in the automotive industry, the clothing industry, interior design, starting your own business, or continuing studying for a Master's degree.





THE SWEDISH SCHOOL
OF TEXTILES
UNIVERSITY OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Campus in Borås

CREDITS:
120 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se
NOTE: portfolio application

MORE INFORMATION:
Follow the QR code to learn
more about prerequisites,
tuition fees, course content,
and more.



Textile and Fashion Design, Specialisation in Fashion Design

MASTER'S PROGRAMME

At the Swedish School of Textiles, fashion design is understood in its broadest sense as an activity that explores, expresses, and shapes individuals, communities, bodies, and human-cultural interactions. In the Master's programme specialising in Fashion Design, questions and issues related to expressions centred around the human body are explored and developed from a wide range of perspectives, including environmental, technical, economic, and political considerations, all within a cultural context.

Textile and Fashion Design, Specialisation in Fashion Design

MASTER'S PROGRAMME

PROGRAMME CONTENT

- Practice-based design research
- Design methods and processes
- Material exploration
- Critical thinking in design
- Innovation and creativity
- Reflection and documentation
- Portfolio development and presentation skills
- Working with the body in different contexts
- The importance of sustainable fashion practices

STUDIES

In our programme, you have the option to specialise in a particular area of Fashion Design, allowing you to delve deeper into your areas of interest. Throughout each course, you'll receive supervision and engage in seminars designed to facilitate reflection on your own practices.

Moreover, our programme provides internships, offering valuable real-world experience in the field of Fashion Design. Alongside this, we offer a diverse array of workshops, seminars, and guest lectures facilitated by researchers and industry professionals. These opportunities aid in your developing a comprehensive understanding of current topics, trends, and demands within academia and the industry.

Additionally, our programme provides opportunities to showcase your work on national and international platforms, enabling you to introduce your creations to the world and establish crucial networking connections.



LIANA PABERZA

"There is a lot of freedom in decision-making and choosing the path which best suits your interests. I enjoy working independently so for me flexibility was an important aspect. A wide range of equipment from the labs gives access to explore your wildest fantasies."





THE SWEDISH SCHOOL
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PACE:
100 % full-time studies

LOCATION:
Campus in Borås

CREDITS:
120 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se
NOTE: portfolio application

MORE INFORMATION:
Follow the QR code to learn more about prerequisites, tuition fees, course content, and more.



Textile and Fashion Design, Specialisation in Textile Design

MASTER'S PROGRAMME

Our programme in Textile Design can take you further than you imagined. The Swedish School of Textiles, specialising in textile design, provides a forward-looking environment for rethinking and creating textiles within its expanded field, including Textile Craft, New Materiality, Innovation, and Digital Specialisms. It delves deep into the most relevant subjects and skills required for a career in the textile industry and related industries.

Textile and Fashion Design, Specialisation in Textile Design

MASTER'S PROGRAMME

PROGRAMME CONTENT

- Practice-based design research
- Design methods and processes
- Material exploration
- Critical thinking in design
- Innovation and creativity
- Reflection and documentation
- Portfolio development and presentation skills
- Working with textiles different contexts
- The importance of sustainable textile design practices

STUDIES

In our programme, you have the option to specialise in a particular area of Textile Design, allowing you to delve deeper into your areas of interest. Throughout each course, you'll receive supervision and engage in seminars designed to facilitate reflection on your own practices.

Moreover, our programme provides internships, offering valuable real-world experience in the field of Textile Design. Alongside this, we offer a diverse array of workshops, seminars, and guest lectures facilitated by researchers and industry professionals. These opportunities aid in your developing a comprehensive understanding of current topics, trends, and demands within academia and the industry.

Additionally, our programme provides opportunities to showcase your work on national and international platforms, enabling you to introduce your creations to the world and establish crucial networking connections.



THE SWEDISH SCHOOL
OF TEXTILES
UNIVERSITY OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Campus in Borås

CREDITS:
120 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se
NOTE: portfolio application

MORE INFORMATION:
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Textile and Fashion Design, Specialisation in Textile Interaction Design

MASTER'S PROGRAMME

PROGRAMME CONTENT

- Practice-based design research
- Design methods and processes
- Material exploration
- Critical thinking in design
- Innovation and creativity
- Reflection and documentation
- Portfolio development and presentation skills
- Working with textiles and the body in different contexts
- The importance of sustainable textile interaction design practices

STUDIES

In our programme, you have the option to specialise in a particular area of Textile Interaction Design, allowing you to delve deeper into your areas of interest. Throughout each course, you'll receive supervision and engage in seminars designed to facilitate reflection on your own practices.

Moreover, our programme provides internships, offering valuable real-world experience in the field of Textile Interaction Design. Alongside this, we offer a diverse array of workshops, seminars, and guest lectures facilitated by researchers and industry professionals. These opportunities aid in your developing a comprehensive understanding of current topics, trends, and demands within academia and the industry.

Additionally, our programme provides opportunities to showcase your work on national and international platforms, enabling you to introduce your creations to the world and establish crucial networking connections.

Textile and Fashion Design, Specialisation in Textile Interaction Design

MASTER'S PROGRAMME

Specialising in Textile Interaction Design involves exploring and developing textiles that interact with and adapt to their surroundings as well as to bodies, actions, humans, and other species. This specialisation delves into questions and issues related to textile interaction from a wide range of perspectives, including environmental, ethical, technical, and cultural considerations.



THE SWEDISH SCHOOL
OF TEXTILES
UNIVERSITY OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Campus in Borås

CREDITS:
120 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se
NOTE: portfolio application

MORE INFORMATION:
Follow the QR code to learn more about prerequisites, tuition fees, course content, and more.



Textile and Fashion Design, Specialisation in Performance Wear

MASTER'S PROGRAMME

Clothes and body-related artefacts can be active, responsive, protective, or supportive in human actions and activities. In this way, clothes can play a central role in various types of body-based activities, human performances, and interactions with the environment. Specialising in Performance Wear at the Swedish School of Textiles involves exploring and developing apparel that can perform – act and interact – in relation to various human activities and performances in outdoor, sports, work, or artistic contexts, considering a wide range of perspectives, including environmental, ethical, technical, and cultural factors.

Textile and Fashion Design, Specialisation in Performance Wear

MASTER'S PROGRAMME

PROGRAMME CONTENT

- Practice-based design research
- Design methods and processes
- Material exploration
- Critical thinking in design
- Innovation and creativity
- Reflection and documentation
- Portfolio development and presentation skills
- Working with the body in different contexts
- The importance of sustainable performance wear practices

STUDIES

In our programme, you have the option to specialise in a particular area of Performance Wear, allowing you to delve deeper into your areas of interest. Throughout each course, you'll receive supervision and engage in seminars designed to facilitate reflection on your own practices.

Moreover, our programme provides internships, offering valuable real-world experience in the field of Performance Wear. Alongside this, we offer a diverse array of workshops, seminars, and guest lectures facilitated by researchers and industry professionals. These opportunities aid in your developing a comprehensive understanding of current topics, trends, and demands within academia and the industry.

Additionally, our programme provides opportunities to showcase your work on national and international platforms, enabling you to introduce your creations to the world and establish crucial networking connections.

Overview of Design Master's Programmes

Courses

Courses, year 1:

- Aesthetic Theory - Design Methods, 7.5 ECTS credits
- Aesthetic Theory - Design Seminars I, 7.5 ECTS credits
- Artistic Development - Advanced level, 7.5 ECTS credits
- Design Project - Specialisation project, 7.5 ECTS credits
- Design Project – Advancement project, 15 ECTS or Design Practise, 15 ECTS credits
- Elective technology courses, 15 ECTS credits

Courses, year 2:

- Aesthetic Theory - Design Seminars II, 7.5 ECTS credits
- Design Project - Research project, 15 ECTS credits
- Design Project – Master's degree project, 30 ECTS credits
- Elective courses, 7.5 ECTS credits

Career opportunities

Graduates from a Master's programme in Fashion and Textile Design have a wide range of career opportunities, both nationally and internationally.

Specialisation in Textile Design:

Potential career paths include becoming textile designers and we have former students working with prominent companies like Ikea, Volvo, TOYOTA, HAY, Ludvig Svensson, Indiska, and Norrøna, and many more where innovative textiles are created. Others may opt to pursue entrepreneurship, launching their own textile and fashion-related businesses or design studios, like Studio Juliette Berthonneau.

Specialisation in Textile Interaction Design:

Potential career paths for these graduates include becoming textile interaction designers and we have former students working with prominent companies like Ludvig Svensson, Volvo, IKEA, Dansens Hus, and GöteborgsOperan, and many more, where innovative interactive textile products are created. Others may opt to pursue entrepreneurship, launching their own textile and fashion-related businesses or design studios.

Some graduates focus on sustainable development, collaborating with organisations and projects dedicated to environmentally friendly and socially responsible practices in the textile industry. Additionally, those inclined toward academia and research can pursue doctoral studies, opening doors to teaching and advancing knowledge within the field.

Specialisation in Fashion Design:

Potential career paths for these graduates include becoming fashion designers and we have former students working with prominent companies like Filippa K, H&M, Vivienne Westwood, Lindex, Acne, and many more where innovative garments and accessories are created. Others may pursue entrepreneurship, launching their own textile and fashion-related businesses or design studios, like Stinarand Studio.

Specialisation in Performance Wear:

Potential career paths for these graduates include becoming performance wear designers and we have former students working with prominent companies like Peak Performance, Norrøna, Salomon, Adidas, Kjus, Dansens Hus, GöteborgsOperan, and Skånes Dansteater, and many more where innovative garments and accessories are created. Others may pursue entrepreneurship, launching their own textile and fashion-related businesses or design studios.

Master's programme in Fashion and Textile Design

Prerequisites

Prerequisites, application, and selection

Special eligibility to the programme requires an undergraduate degree consisting of 180 ECTS credits in design or the equivalent and the ability to conduct experimental investigative work and critical reflection. Furthermore, knowledge of English equivalent to English 6 is required.

Candidates register for a specialisation, i.e. Textile Design, Textile Interaction Design, Fashion Design, or Performance Wear. Application is conducted via www.universityadmissions.se and through the uploading of a portfolio with work samples, application projects, and a CV, see the below QR code. In the portfolio, the applicant's skills and abilities in the field of design should be clear and the application projects should provide a description of what the applicant wants to focus on during the Master's programme within the framework of the programme's project courses.

Assessment of eligibility and selection is made on artistic grounds and is based on the work samples in the portfolio, application projects, and interview. The first step is an assessment of the portfolio with respect to shown artistic creative ability, ability when it comes to experimental work, technical skill, and reflective ability. In the next step, some candidates are interviewed. Thereafter, a final assessment of eligibility and a ranking of applicants is conducted before acceptance.

Read more about how you should proceed with your application portfolio here:



How to apply

Step 1:

Complete the formal application on the national website: www.universityadmissions.se

Step 2:

Upload your application portfolio to the upload portal.

Step 3:

Upload supporting documents to www.universityadmissions.se





UNIVERSITY
OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Distance

CREDITS:
60 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se
NOTE: portfolio application

MORE INFORMATION:
Follow the QR code to learn
more about prerequisites,
tuition fees, course content,
and more.



Informatics – Data-Driven IT Management

MASTER'S PROGRAMME (ONE YEAR)

Do you want to shape the future of IT? Do you want an exciting and fulfilling career that influences, directs, and supports the global IT industry? If you want the solid educational background that makes this a reality, then our Master's Programme (One Year) in Informatics – Data-Driven IT Management is the programme for you. In this programme, you will develop knowledge to shape the future of IT.

Informatics – Data-Driven IT Management

MASTER'S PROGRAMME

In this Master's programme (One Year) in Informatics, you will develop knowledge to shape the future of IT.

This programme targets motivated students with a Bachelor's degree in computer science, information systems, information technology, software engineering, or a similar subject with at least 60 credits in Informatics.

OUR PROGRAMME IN SHORT

This programme is focused on Data-Driven IT Management, the driving force for the IT of the future. Data-Driven IT Management aims at harvesting the business value of the enormous amount of largely unused data available to companies.

To prepare you for this exciting opportunity, the programme provides courses in Data Mining, Business Intelligence, Business Process Management, Current Trends in Informatics, and Data-Driven Service Development.

FULL-TIME AT A DISTANCE

This programme is given full-time and at a distance. Teaching combines lectures, tutoring and seminars live in Zoom, and other teaching materials published on our virtual learning platforms. Pre-recorded lectures might also be offered in some cases.

Dates and times for lectures and seminars are fixed. Seminars are compulsory. Attendance at lectures is highly recommended but self-study of the supplied material and relevant literature is possible.

Date and times for tutoring, individual or in groups of two, can be adapted to students' needs within the usual business hours 9:00 to 17:00 CET and subject to the availability of the respective teacher.

You will also read course literature, the latest research papers, and work on individual written assignments and group projects.

IN ENGLISH

The programme is taught in English and you will study together with students from all over the world, though predominantly from Europe.



UNIVERSITY
OF BORÅS

PACE:
100 % full-time studies

LOCATION:
Distance

CREDITS:
120 ECTS credits

LANGUAGE:
English

APPLY AT:
universityadmissions.se
NOTE: portfolio application

MORE INFORMATION:
Follow the QR code to learn more about prerequisites, tuition fees, course content, and more.



Information Science: Digital Environments

MASTER'S PROGRAMME

The master's programme in information science: digital environments offers both a theoretical and a practical approach to information, providing a unique, holistic approach to information in digital environments.

Information Science: Digital Environments

MASTER'S PROGRAMME

RELEVANT BACKGROUNDS

This programme is suitable for students with a Bachelor's degree in library and information science, information studies, information architecture, archival science, digital humanities, media studies, informatics, systems science or related fields.

OUR PROGRAMME IN SHORT

As a student you get to reflect critically on how search engines, platforms and algorithms impact society and individuals, and consider aspects related to ethics, democracy, and sustainability relevant to information in digital environments.

You also learn how to handle different datatypes and media formats, design algorithms and work with the digitalisation of information.

The programme will include courses in for instance, datalogical thinking, research methods, multimodality, open data as an arena for information creation, data strategies for

organisations, information practices in digital environments and critical perspectives on a society steeped in data.

FULL-TIME AT A DISTANCE

This programme is given full-time during Swedish business hours, predominantly through distance teaching online. Teaching combines workshops and seminars live in Zoom, and recorded lectures and other teaching materials published on our virtual learning platform. You will also read course literature, including the newest research, and work on individual written assignments and group projects with your fellow students. A few sessions on campus in Borås will be offered throughout the programme, however these are not compulsory. The programme is taught entirely in English, and you will study together with students from all over the world, though predominantly from Europe.



MAGDALENA PAVLOVA

"Don't hesitate, just apply! If information science and digitalisation lie within your interests, this is the programme that can help you gain a better understanding of these topics."



Overview of Informatics

Informatics – Data-Driven IT Management

Courses

Courses, term 1:

- Research Methods in Informatics, 7.5 ECTS credits
- Trends in Informatics, 7.5 ECTS credits
- Business Intelligence, 7.5 ECTS credits
- Business Process Modelling, 7.5 ECTS credits

Courses, term 2:

- Data Mining, 7.5 ECTS credits
- Introduction to Data Driven Service Development, 7.5 ECTS credits
- Thesis for Master's (one year) Degree in Informatics, 15 ECTS credits

Overview of Information Science

Information Science: Digital Environments

Courses

Courses, term 1:

- Introduction to information science, 7.5 ECTS credits
- Datalogical thinking, 7.5 ECTS credits
- Research methods, 15 ECTS credits

Courses, term 2:

- Multimodality: Narrative and context in different media formats, 15 ECTS credits
- Open Data as an arena for information making – issues and opportunities, 15 ECTS credits

Courses, term 3:

- Critical perspectives on the datafied society, 7.5 ECTS credits
- Data strategies for organisations, 15 ECTS credits
- Users, information and digital environments, 7.5 ECTS credits

Courses, term 4:

- Master's thesis course, 30 ECTS credits

Informatics – Data-Driven IT Management

Prerequisites

A Bachelor's degree, 180 ECTS credits, with a major in one of the following subjects:

- Informatics
- Business Administration
- Computer Science
- Systems Science
- Computer Technology
- Industrial Engineering and Management
- A scientific Bachelor's thesis of at least 15 ECTS credits and a course on Research Methods of at least 7.5 ECTS credits
- English 6 is required.

Career opportunities

Experts in Data-Driven IT Management are in high demand and the number of available experts is still very low.

This programme therefore provides excellent opportunities to get access to top-level jobs such as IT consultant, Head of IT, IT Project Manager, Business Analyst, System Developer, Data Analyst, Data Scientist and so on.

Information Science: Digital Environments

Prerequisites

Bachelor's degree in information science 180 ECTS credits.

- English 6 is required.

Career opportunities

The degree prepares you for professional roles where you work with information in a changing time, for instance in jobs where you mediate and curate information feeds, as well as collect, manage, analyse, and make data accessible.

The skills gained from the programme also enable you to act as a translator between different actors and stakeholders at, for example, companies, governmental agencies, or cultural heritage institutions. In the role of mediator, you can bridge communication gaps between different professions and enable collaboration. You translate technical jargon and complex ideas into language accessible/understandable to everyone involved.

The programme also prepares you for a future career in academia, for instance if you wish to pursue a doctorate in library and information science or related fields or become a university lecturer.

How to apply

Step 1:

Complete the formal application on the national website: www.universityadmissions.se

Read more about the application and admission process:



Follow us
on Instagram

@universityofboras



UNIVERSITY
OF BORÅS

UNIVERSITY OF BORÅS • 501 90 BORÅS, SWEDEN

VISITING ADDRESS: ALLÈGATAN 1

+46 (0)33-435 40 00 • HB.SE/EN