

# JÖNKÖPING UNIVERSITY

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL  
SCHOOL OF ENGINEERING

STUDY IN SWEDEN

**A Safe and Modern Country**

BUSINESS AND ECONOMICS  
ENGINEERING AND TECHNOLOGY

**Programmes  
Taught in English**



BACHELOR AND MASTER



*Söndra Brand from Germany and  
Mohammad Ghorbani Doushantapeh  
from Iran are two programme students  
at Jönköping University.*

## JÖNKÖPING UNIVERSITY

- One of the most international universities in Sweden
- Extensive exchange study opportunities all over the world
- Practical, hands on education closely connected to the business world
- State-of-the-art Science Park for students with the drive to start up their own company
- World leading Information Centre for Entrepreneurship (ICE)

Welcome to Jönköping University! [www.ju.se](http://www.ju.se)



**SWEDEN – EXPERIENCE A WORLD OF INNOVATION** According to the European Innovation Scoreboard, Sweden is the most innovative and entrepreneurial nation in Europe.



**A FAST-GROWING CITY** Jönköping is located in a region characterized by its innovative and entrepreneurial spirit. In the city you will find most things around the corner.



**A TOP UNIVERSITY WHEN IT COMES TO INTERNATIONAL STUDENT EXCHANGE** Jönköping International Business School has a strong focus on internationalization and has the largest exchange programme of any business school in Sweden.



**THE HOST COMPANY PROGRAMME** gives you unique opportunities to try out what you've learned in the business world outside of the university.

## Content

- 4 A Word from the President
- 5 Truly International
- 6 Sweden – An Innovative and Entrepreneurial Nation
- 8 Jönköping – A Fast-growing City
- 10 Partner Universities All Over the World
- 12 Host Companies Help Get Careers Rolling
- 14 Jönköping University Alumni
- 16 Close to the Real World

## About Our Schools

- 17 Welcome to Jönköping International Business School
- 20 Welcome to the School of Engineering

## About the Education

- 22 JIBS Bachelor's Programmes
- 24 JIBS Master's Programmes
- 28 School of Engineering Master's Programmes
- 30 Doctoral Programmes



**IT IS THE SOUND OF THE WORLD.**

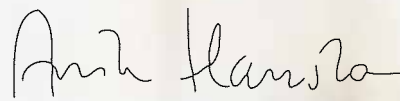
When I walk across campus on an ordinary day I can hear languages from all over the world spoken around me, although I only understand a few of them. Here, by the shores of Lake Vättern, we have created something unique: an international community with a personal touch.

But, Jönköping University is also very Swedish. Well-organized and responsible in its actions, just as many would expect it to be. At the same time we have made an innovative element, namely entrepreneurship, part of our culture. This is a modern university that thrives in a changing world, and combines academic tradition with curiosity and professionalism. Here you will meet innovative and creative minds from all over the world – also from Småland, the province where we reside. Sweden is one of the world's top nations regarding innovation, highest ranked in the European Union. And if that can be noticed anywhere, it is here.

**WE GIVE YOU REALITY.** When you choose to study at Jönköping University you will get an education with high academic standard and profound real-world relevance. Contacts with business, society and entrepreneurship come naturally and most of our students get jobs right after graduating. During your time here you will also have the possibility to start your own enterprise at our renowned business incubator, Science Park Jönköping.

Yet, to study here should also be about something else: new experiences and growing as a human being. When you arrive, you will not only get a first-rate education. You will be noticed. You have chosen to dedicate your time and effort in Jönköping University and we will give you our full attention.

Welcome to Jönköping University  
– we look forward to meeting you!



Anita Hansbo  
President





**FACTS ABOUT JÖNKÖPING UNIVERSITY** 12,000 students, of which 1,300 are international students from approximately 60 countries. 200 doctoral students, 800 faculty and staff, 15 Master's programmes taught in English, 3 Bachelor's programmes taught in English, 350 partner universities worldwide.

# Jönköping University Truly International

Jönköping University is one of the most international universities in Sweden – attracting students from all over the world and boasting one of the largest exchange programmes in Sweden.

The university has a genuinely international orientation and promotes a range of innovative initiatives to create an enriching environment for students and researchers from all over the world.

In many of our programmes, students get the opportunity to spend part of their education abroad at one of our many partner universities around the globe. At Jönköping University, there are some 1,300 international students in addition to a host

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**»Our students get the opportunity to spend a part of their education abroad.«**

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of foreign researchers. Our exchange programme is extensive with approximately 350 partner universities around the globe. International students are completely integrated with Swedish students, taking courses together delivered in English.

At Jönköping University we offer a focused and inspiring environment for higher education, research and innovative projects developed in collaboration with the wider society.

Our focus is both local and global and our students are attractive on the labour market, both in Sweden and internationally.

Education and research is carried out at four schools: Jönköping International Business School, School of Engineering, School of Education and Communication and School of Health Sciences.

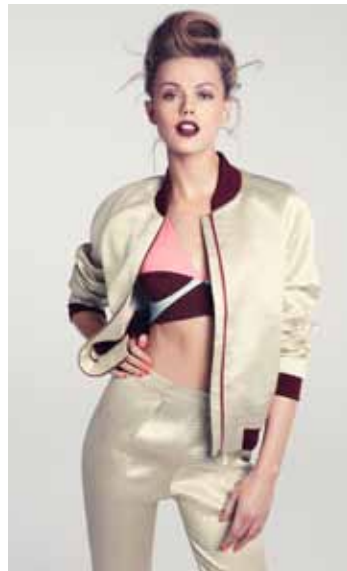
Jönköping University is one of three private Swedish, non-profit institutions of higher education with the right to award doctorates.

Jönköping University operates on the basis of an agreement with the Swedish Government and conforms to national degree regulations and quality requirements. □



#### THE INVISIBLE BICYCLE HELMET

*Hövding* is a collar for bicyclists, worn around the neck. The collar contains a folded up airbag that you'll only see if you've been in an accident.



**SWEDISH FASHION** attracts great success internationally. Recently Sweden's biggest fashion exporter, H&M, has gained cred even with the fashionistas after collaborations with some of the world's top fashion designers.



#### A NATIONAL KNACK FOR CREATIVE THINKING

Many Swedish companies have grown wealthy as a result of Swedish innovativeness, including Volvo, Ericsson, ABB, Tetra Pak, AstraZeneca and Ikea.

## Sweden – Experience a World of Innovation

Sweden is the most innovative and entrepreneurial nation in Europe, according to the European Innovation Scoreboard, while maintaining a very high quality of life. Measured by its size, Sweden is not a small country – it is as big as California or France – but populated by only 9,5 million inhabitants.

With this in mind, it is rather extraordinary that Sweden is the birthplace of so many international corporations and successful in-

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»Sweden is a safe and modern country. The crime rate is low and the air and water is clean.«

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ventions. Some examples are: Ikea, H&M, Volvo, Husqvarna, ABB and TetraPak, as well as the pacemaker, the computer mouse and the internet applications Skype and Spotify. Natural resources such as forests,

mineral ores and hydroelectric power, as well as a tradition of innovation and entrepreneurship, have made the famous Swedish welfare state possible. Sweden has traditionally been prominent in such fields as mechanical engineering, pharmaceuticals and electrical engineering. Since 1901, the Nobel Prize has been honoring men and women from all corners of the globe for outstanding achievements in physics, chemistry, medicine, literature, and for working towards peace.





### INVENTING TOMORROW'S WORLD

Skype and Spotify belong to the new generation of Swedish technological successes.

### REWARDING INNOVATORS

The Nobel Prizes, presented each year in Stockholm by the Swedish monarch, are regarded as the most prestigious awards in the world.

**SWEDEN** is one of the largest music-exporting countries in the world.

Sweden is also one of the largest music-exporting countries in the world with highly successful groups and artists such as ABBA, Robyn and Swedish House Mafia among others.

### ENGLISH IS SPOKEN BY ALL

Almost all Swedes speak English fluently and many Swedish companies use English as their official business language. As an international student, you'll find that this prevalence of English makes adapting to your

new surroundings easier. Jönköping University offers Swedish language courses to international students.

### SWEDEN AT THE HEART OF SCANDINAVIA

Sweden is in the centre of Scandinavia and travelling to Sweden from other places in Europe is quick and easy. Jönköping is one of Sweden's ten largest cities and it is beautifully situated at the juncture of three sprawling lakes.

### SAFE AND MODERN

Sweden is a safe and modern country and is ranked as one of the most livable in the world. The crime rate is low and the risk of any natural disasters is minimal. Environmental consciousness is high and as a result Sweden enjoys pure air as well as clean lakes and rivers. □



# Jönköping – A Fast-growing City

Jönköping is a fast-growing city with a population of 129,000 and is the centre of a region with some 380,000 inhabitants. It is located in a county characterized by its innovative and entrepreneurial spirit. The city is easily accessible and there are excellent links between Jönköping and the major cities in Sweden as well as a good connection to the continent.

## ENJOY JÖNKÖPING

In Jönköping you will find most things around the corner. In the city centre there are shops, cafés and restaurants and by bus or bicycle you

»Jönköping is located in a region characterized by its innovative and entrepreneurial spirit.«

can easily get to the area's largest shopping centre. Just a short walk from campus you will find the long sandy beaches of Lake Vättern. There is a wide range of leisure and sports facilities and the great outdoors is within easy reach, offering forests, mountains and lakes. Jönköping also has a wide variety of cultural venues:

theatres, museums, cinemas and concert halls.

## GLOBAL BUSINESS RIGHT HERE

Swedish companies have always been dependent on making international contacts and finding new ways to interact with the world. Many businesses in the Jönköping area work in a global context. They are very interested in building relationships with international students as the students can provide them with invaluable knowledge of – and connection with – the corporate world of their native countries.





**A TRULY INTERNATIONAL MIX OF STUDENTS** As a student in Jönköping you will meet and work with students from all over the globe with various backgrounds and perspectives, sharing the common ambition to develop deep knowledge and experience.

#### ALL SET FOR YOUR ARRIVAL

When you plan to move to a foreign country, there is a lot to think about. But don't worry. We are well prepared to take good care of you.

Once you have been accepted to Jönköping University, you will receive extensive information about everything you need to know. We provide affordable accommodation and arrange a pick-up service that takes you there when you arrive. A contact person who can give valuable insight into Swedish life and culture is assigned to every international student.

#### MAKE THE MOST OF YOUR STAY

One of the first things you will experience is Introduction Week – a joint Jönköping University event where all new students get to know each other through a variety of social activities. You will be offered an introduction

to Swedish language and culture, as well as trips. Introduction Week will also prepare you academically, as you will learn about important routines and procedures.

#### SOME OTHER HIGHLIGHTS DURING THE YEAR ARE:

- International Day, in autumn and spring, is when our international students present their own country and culture.
- Spring Inspiration is one of the largest fashion shows in Sweden. Organized entirely by students.
- Career days where you will meet potential employers from regional as well as international companies.

There is always something going on around campus that you can choose to take part in – seminars, sports events, parties and much more. □

## STUDENT SERVICES

The staff at Jönköping University are dedicated to providing the best possible service – before and during your studies. Visit the Student Services Office for information regarding: examination, results, re-exams, access cards, print-outs and more.

#### International Relations Office

The International Relations Office will help you with practical issues, such as studying on exchange, as well as helping with your questions about everyday life.

#### Study Counselling

The student counsellors offer study and career advice and follow up students' study performance.

#### Student Health Care Centre

Visits are free of charge and completely confidential. The staff at the Health Centre can help you navigate the Swedish healthcare system.

#### Career Centre

The Career Centre is a meeting place for students which bridges university life with professional life.

#### Student Union

Students play a central role at Jönköping University, both in and outside of the classroom. Jönköping Student Union is run by students, for students. It has approximately 10,000 members, all of whom are students at the university.

Jönköping Student Union cooperates with the schools' student associations, and are well represented in various decision-making bodies, providing students with a genuine opportunity to affect decisions regarding their education.

#### Alumni Association

The Alumni Association connects graduates with a network of over 10,000 alumni all over the world. Attend exciting events, establish valuable connections, advance your career and develop professionally.

[www.ju.se](http://www.ju.se)

# Partner Universities

Jönköping University is one of the top universities in Sweden when it comes to international student exchange and attracts students from all over the world. Jönköping International Business School is one of the most international business schools in the world and has the largest exchange programme of any business school in Sweden.



## Tsinghua University

### WEI XIAO, CHINA

*Exchange student from  
Tsinghua University in China*

I was pursuing a Master's degree at Tsinghua University when I decided to attend JIBS. I am glad that I had the opportunity to study at JIBS as it has rich resources and an excellent reputation. Jönköping is very well located and the scenery is beautiful

– in a word – it's an ideal city to live in. The learning environment at JIBS is unique. We live and study with many international students; my housemates come from France and Lithuania and I've also made friends from other countries such as Italy and of course Sweden. The students at JIBS are creative – I enjoy the activities that the Student Union organizes.

The courses at JIBS are focused on your future career – I have learnt many concepts which have helped me gain a wider understanding of the entire business process.

The advantage a JIBS student has is the chance to connect with companies. My goal is to start my own business using the experience of what I've learnt in Sweden and in China. □



## JÖNKÖPING UNIVERSITY

- 350 partner universities in close to 60 countries.
- 1,300 international students in Jönköping. A truly international environment on campus.

Read more about our partner universities. [www.ju.se](http://www.ju.se)

## SOME OF OUR PARTNER UNIVERSITIES

QUT, Queensland University of Technology, **Australia**

Toronto University, **Canada**

Indian Institute of Management, Ahmedamad, **India**

Universita' Commerciale "Luigi Bocconi", **Italy**

University of Stellenbosch, **South Africa**

Babson College, Boston, **USA**

Texas A&M University, **USA**

Deaking University, **Australia**

Graz University of Technology, **Austria**

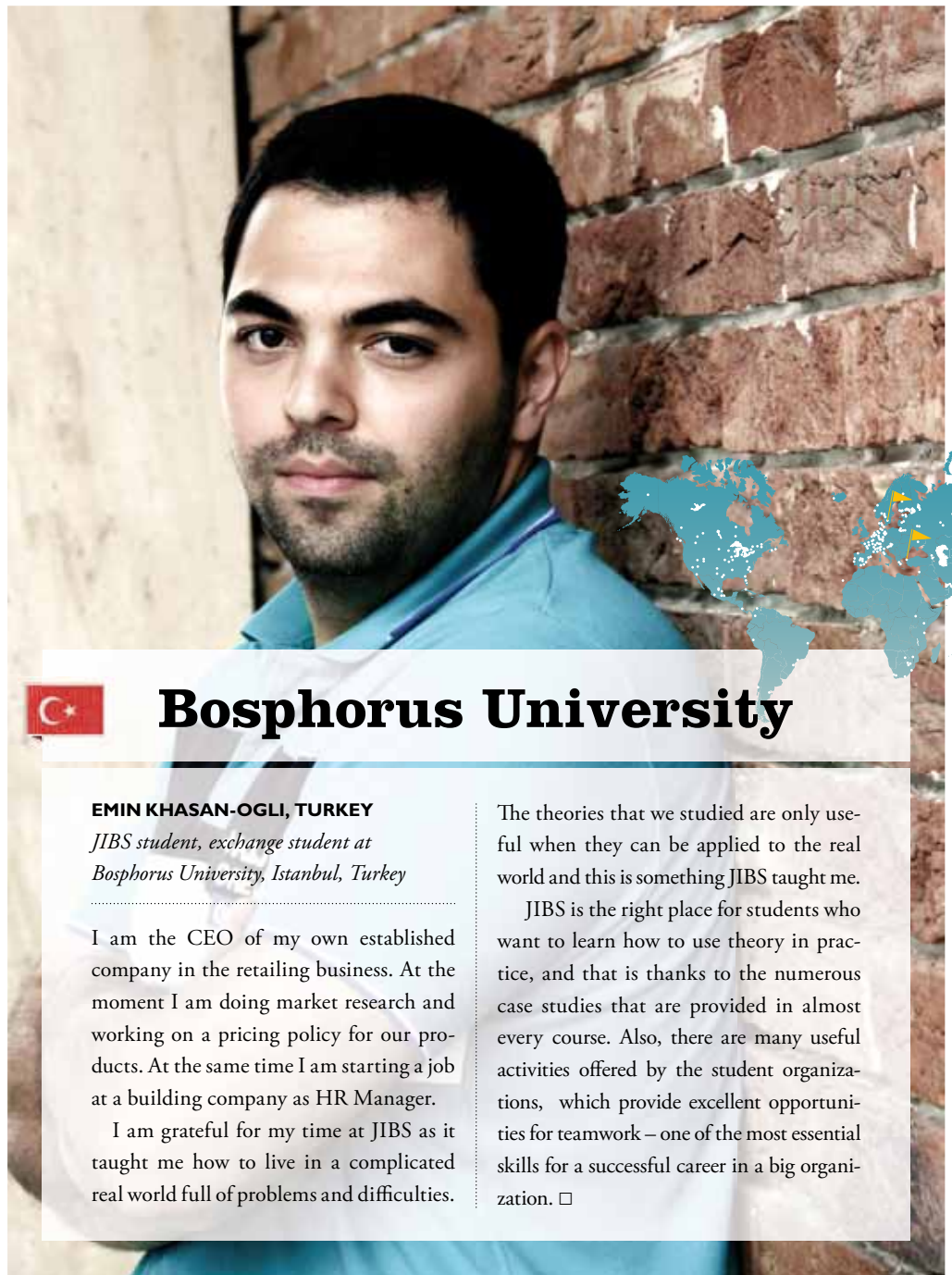
Tec de Monterrey, **Mexico**

Nanyang Technological University, **Singapore**

New Jersey Institute of Technology, **USA**

Moscow State University, **Russia**

Univeristät Mannheim, **Germany**



## Bosphorus University

**EMIN KHASAN-OGGLI, TURKEY**

*JIBS student, exchange student at Bosphorus University, Istanbul, Turkey*

I am the CEO of my own established company in the retailing business. At the moment I am doing market research and working on a pricing policy for our products. At the same time I am starting a job at a building company as HR Manager.

I am grateful for my time at JIBS as it taught me how to live in a complicated real world full of problems and difficulties.

The theories that we studied are only useful when they can be applied to the real world and this is something JIBS taught me.

JIBS is the right place for students who want to learn how to use theory in practice, and that is thanks to the numerous case studies that are provided in almost every course. Also, there are many useful activities offered by the student organizations, which provide excellent opportunities for teamwork – one of the most essential skills for a successful career in a big organization. □

## Curtin University

**MALIN EDIN, SWEDEN**

*JIBS student, exchange student at Curtin University, Perth, Australia*

I decided to go on an exchange as I saw it as a great opportunity to experience a new country and meet people from all over the world. I had always wanted to go to Australia and I thought that if I was going to go away I might as well travel to the other side of the globe. Studying in an English-speaking country was also one of my criteria.

The best thing about going on exchange was definitely getting to know new people, both international students and "aussies". During my exchange, I have learnt a lot about myself and about how I adapt to new and unusual situations.

I really think that my year on exchange will help me in my future career. I have learnt to cooperate with and understand people from different countries who will inevitably have different perspectives. □





# Host Companies Get Careers Rolling

As a student at Jönköping University you have lots of opportunities to try out what you've learned in the business world outside of the university. Jönköping University was the first university in Sweden to introduce a Host Company Programme which has served as a model for higher education in both Sweden and neighbouring countries. Working with host companies, students propose solutions to company specific problems, and many host companies have successfully implemented the suggestions made by our students.

## Volvo



**GLEN BARLOW**

*Works as Global Advanced Design Manager at Volvo Group Truck Technology, Sweden.*

I am globally responsible for developing advanced design for all business areas – Volvo Trucks, (including Volvo Construction Equipment, Volvo Penta and Volvo Bus), Mack Trucks, UD

Trucks and Renault Trucks. Volvo has a very close connection to Jönköping University, and I was recently the supervisor of a thesis project completed by two students in the Master's programme Industrial Design.

### COLLABORATION BETWEEN VOLVO AND JÖNKÖPING UNIVERSITY

This is a great example of a collaborative project between Volvo and students from the School of Engineering. The aim of the project was to explore the possible design future of Eicher Motors – a Volvo joint venture company – in order to make it a prime contender in its home market, India.

### A NEW DESIGN

The assignment was to take what Eicher has, instill the Volvo Group

value of safety and design a truck that best suits the market segment and user. This new design should take into consideration local production methods, labour availability and suppliers and also be designed to meet various needs related to specific markets.

### JOB POSSIBILITIES AFTER GRADUATION

Overall, the collaboration between Jönköping University and Volvo works very well, and Volvo Group Global has attracted many graduates who have started working for the company, both in Sweden and abroad.

Volvo Group Truck Technology operates globally, mainly in Sweden, France, India, Japan, China, Australia, North and South America with approximately 10,000 employees. □



#### SOME OF OUR HOST COMPANIES

- 3M
- ABB
- Electrolux
- DHL Express
- Husqvarna
- Ikea
- Procordia Food
- SCA Packaging
- Siemens
- Skanska
- Volvo

## Ikea



#### FOWAD IQBAL, PAKISTAN

*Master's student in Industrial Design*

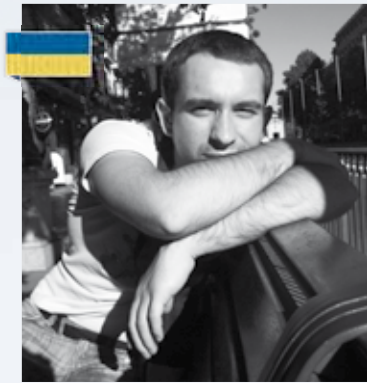
#### IKEA

Ikea is one of 800 host companies at Jönköping University. In this Master's thesis project, Fowad Iqbal, a student from Pakistan in the Master's programme Industrial Design at the School of Engineering, has developed a new design of the Ikea lamp Solvinden.

#### PROJECT

The project was to design a new form of Ikea lamp Solvinden which is more visibly appealing and functions more efficiently by generating light by harnessing the wind. Research has focused on the aerodynamics, wind turbine technologies and their forms before starting the design phase. After testing and optimization of prototypes, this final functional form was selected. □

# Jönköping University Alumni Engaged and Connected



**DMITRY HARAPKO**

*National Key Account and  
Marketing Manager, Rosa Impex Ltd  
Kiev, Ukraine Alumnus JIBS*

In my position I coordinate the process of distribution over the whole country within Key Accounts: vertically organized distribution compa-

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**»JIBS provides an up-to-date business education**

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nies, international and local retail chains, and large wholesalers of cosmetic and household products. My main responsibilities revolve around execution of sales and marketing programmes in conjunction with distributor activities, achieving the

predetermined brand, volume, profit, and distribution goals.

My JIBS experience has had a positive effect on my adaptability, language proficiency, mind agility, and character. During my study period at JIBS I was involved in several projects, mainly in the form of course team projects, resolving real time business issues or course related topics. JIBS provides an up-to-date business education with unparalleled emphasis on family business, strategy renewal and entrepreneurship. My advice to people entering my field is to be proactive, creative and direct! □



**BJÖRN ODENBRO**

*General Manager and Chief Rep.,  
Tricorona Carbon Asset Management,  
China Alumnus JIBS*

I am based in Beijing where I've been for more than nine years now. After having worked for a Chinese company, as well as having run my own business for a while, I got the job of setting up operations in China for Tricorona, a company that is in the business of trading carbon credits. I have since been responsible for developing Tricorona's operations in China, which now employ around 30 people who work with our China portfolio of about 200 clean energy and energy efficiency projects that generate emission reductions.

Already before I began studying at JIBS I had my sights set on working abroad. During the studies, I also

realized that I wanted to start my own business. It was when I ran my own company, helping Chinese companies to invest in Sweden, that I got in touch with Tricorona.

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**»During my studies,  
I also realised that  
I wanted to start my  
own business.«**

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A JIBS education results in entrepreneurially minded graduates who are comfortable operating in different cultural contexts and can prosper in international markets. □





**EMMA HALLMAN**

*Production Manager, JELD-WEN  
Door Solutions, Forserum, Sweden  
Alumna School of Engineering*

I started out, after having finished my degree at the School of Engineering in 2006, as a Project Engineer. For the last two years I've been Production Manager, managing and developing the production at the company.

My education has to a large degree contributed to the work I do today.

During my time at the School of Engineering I participated in several student activities and was President of HI TECH (the student association) during my final year. I keep in contact with many of my friends from my student years and I am a member of the alumni association.

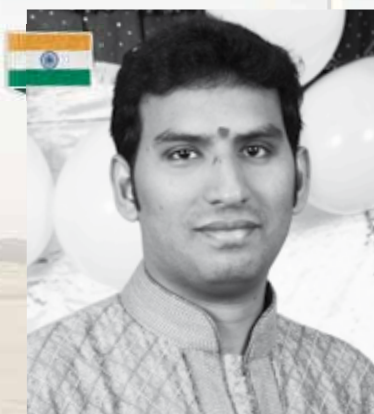
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**»The teachers at the School of Engineering are really engaged in their work.«**

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In 2009 I was chosen to be Alumni of the Year at the School of Engineering, a great honour!

The best thing about the School of Engineering is the very high quality of the education. The teachers are engaged in their work and the school collaborates closely with the business world. □



**SUNIL KOTNE**

*Information Technology Analyst,  
Tata Consultancy Services,  
Bangalore, India  
Alumnus School of Engineering*

As an IT Analyst, I am working on the SAP domain as Techno Functional consultant, Supporting Business Analysis issues and providing daily support for all the technical issues in the system. Before working in Bangalore I worked as an Embedded Test Engineer in London, England.

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**»My studies helped me in obtaining both a job in London and my present job in India.«**

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My experience from the School of Engineering, and the fact that I hold a Master's degree from Jönköping

University, helped me in obtaining both the job in London and then the job in India. In India, most companies consider a Swedish degree to be of high standard.

To be successful in my field one must have a positive attitude, plenty of energy, great organizational skills, be an effective communicator and work well in a team. The field is ever changing and very competitive so one must continually upgrade one's skills with new techniques. I recommend choosing a degree from the School of Engineering as it will lead to many job opportunities. □



**INTERNATIONAL FOCUS** All programmes have an international focus with courses delivered in English.



**JÖNKÖPING UNIVERSITY** is committed to advance entrepreneurship and encourages students and faculty to start enterprises.

## Close to the Real World

Jönköping University uses the business world as a platform for education. As a student you will have lots of opportunities to interact with business life in the region and your courses will be closely tied to the world of local companies.

You will be able to create a network of business contacts while at the same time making your CV more attractive by adding practical experience to your theoretical competence.

### **PRACTICAL WORK EXPERIENCE**

The Master's programmes at the School of Engineering contain a company-based project course. This course will engage you in practical work experience, performing engineering tasks specifically related to your programme major. You will spend a number of weeks at a company during the second year, which will sharpen your contacts within

the industry. Many students also get the opportunity to do their final thesis in cooperation with a company.

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**»As a student you have lots of opportunities to try out what you've learned in the business world outside of the university.«**

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### **START YOUR OWN BUSINESS**

Jönköping University encourages students and faculty to start enterprises and is strongly engaged in Science Park Jönköping which provides support for the start-up, development and growth of business ventures.

Science Park, which is partly owned by Jönköping University, is situated close to campus.

### **UNIQUE COURSES**

The course Advanced International Marketing, Trade and Export Management deals with the internationalization processes of companies and is a new joint project between JIBS and a number of trade and export organizations. The collaboration gives students the opportunity to engage in real cases with companies in the region within the framework of the course.

Students gain more practical experience in international business and the companies involved are extremely positive to the students' input.

The Entrepreneurship and Business Planning course gives students a taste of starting up their own company. At the beginning of the course, each team is given a small start-up loan. They then start up and run a company, and present their business ideas at a fair a few weeks later. □





INTERNATIONELLA HANDELSHÖGSKOLAN



# Welcome to Jönköping International Business School

## GLOBAL PERSPECTIVES

Jönköping International Business School (JIBS) is one of the most international business schools in Europe. It is a young, outward-looking and progressive school that prepares students and professionals for an international career.

Our international profile is one of our key strengths and the international spirit permeates everything we do. JIBS has approximately 200 partner universities all over the world and more than one third of faculty and students come from outside of Sweden. As a student at JIBS, you bring your own personality and perspective to a diverse population. In return,

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**»JIBS has approximately 200 partner universities all over the world and more than one third of faculty and students come from outside of Sweden.«**

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you receive a unique educational and personal experience with a global perspective.

## ENTREPRENEURIAL SPIRIT

JIBS has an entrepreneurial focus and close cooperation with the business world. Our environment is ideal for

people with the drive to explore new business ideas or find new directions within established businesses. We prepare our students for life's challenges and opportunities by encouraging an entrepreneurial mind-set. In fact, one in ten JIBS students start up their own business during their studies.

So if you are ready to work hard and seize opportunities, there is a world of possibilities waiting for you at Sweden's most international business school. □

The programmes are presented in this brochure on pages 22-27.





**JOHAN ROOS** Dean and Managing Director of Jönköping International Business School.



# International at Heart Entrepreneurial in Mind

If you are eager to embrace new ideas and want to address challenges in an international environment, then you're just the kind of student Johan Roos, Dean and Managing Director of JIBS, wants.

– We strive to help our students become great business people and great citizens alike. Our students are attracted to and see the possibilities of the changing world. They have an entrepreneurial mind-set, which is something we encourage here at JIBS. Students at JIBS get the chance to collect valuable knowledge and experiences for their future career.

## **INTERNATIONAL ACADEMIC ENVIRONMENT**

The special culture and atmosphere at JIBS arises when people from many different countries meet, mix and exchange thoughts, experiences and ideas. The school's high level of internationalisation is a major asset for the educational environment. English is not only spoken in the classrooms, but also in the corridors and study rooms. About one third of

the students and faculty come from an international background. This diversity makes JIBS one of the most international business schools in the world.

## **RESPONSIVE TO MARKET NEEDS**

JIBS is a business school that is changing with society. The programmes and courses are constantly evaluated in order to maintain a competitive edge. One important factor in the on-going development process is the level or pattern of student demand. It is also natural that JIBS is strong in those areas where successful research is conducted. In order to remain at the forefront, it is key to be responsive to the dynamic market needs for competence.

## **CLOSE COOPERATION BETWEEN ACADEMIA AND PRACTISE**

JIBS is an international business school with 'glocal' perspectives – we think globally but are also very active locally. Many programmes offer close cooperation between academia and industry. We create value in the

private and public sector as well as prepare students for the future in entrepreneurship. We know that the market appreciates our students. One survey shows that nearly all, 97 per cent of our graduates, have found relevant jobs within six months of graduation.

## **WELL PREPARED FOR AN INTERNATIONAL CAREER**

There is always a need for progressive international entrepreneurs and business creators. In some programmes 85 per cent of our students study abroad at one of our partner universities for at least one semester which prepares them for living and working in a different culture.

– At JIBS we are part of an exciting and dynamic extended family consisting of our partner-universities around the globe. The abundant inflow of international faculty and staff combined with the close collaboration with industry and Science Park, create the right context for students to grow. It is up to each student to grab those opportunities, says Dean Johan Roos. □



**RESEARCHERS AT JIBS** select up-to-date issues to focus on, always thinking about how entrepreneurs can use their findings.



#### FACTS AND FIGURES

- 9 research centres
- 34 professors, 11 associate professors, 18 assistant professors, 7 research fellows
- Research is conducted in economics, business administration, commercial and tax law, informatics and statistics.
- Over 70 PhD students
- EPAS accredited programmes: International Management (Bachelor) and Strategic Entrepreneurship (Master)

# Research at Jönköping International Business School

Located in the heart of one of Sweden's most dynamic enterprise regions, JIBS is ideally situated for research in a wide range of areas, focusing on entrepreneurship and business renewal with an international perspective.

Entrepreneurship research basically involves studying the processes behind starting new businesses, identifying the factors that can lead to success, as well as rejuvenating mature businesses. JIBS examines how SMEs (small and medium sized enterprises) should be managed and in particular how family-run businesses

should best manage the transition from one generation to the next.

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**»JIBS ranks first in Europe in family business research and fourth globally.«**

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Business renewal is about keeping an established company competitive. To survive in a global market, companies must be innovative and continually reinvent themselves.

An ability to communicate and do business across national boundaries is imperative for economic development. Developing such knowledge is central to all research at JIBS.

In entrepreneurship research, JIBS ranks ninth globally and third in Europe. In family business research, JIBS ranks fourth globally and first in Europe. The researchers select up-to-date issues to focus on, always thinking about how entrepreneurs can use their findings, because research is not just about getting something published but about giving something back to society. □





TEKNISKA HÖGSKOLAN

# Welcome to the School of Engineering

## EDUCATION IN COLLABORATION

Many students are discovering the benefits of studying in Jönköping. The School of Engineering is one of the most modern engineering schools in Sweden. Our vision is to be a leader in Europe in developing and spreading new technology and knowledge that reinforce the international competitiveness of enterprises.

There are approximately 2,500 students at the School of Engineering, ten per cent of whom are international (degree seeking students and exchange students).

## STUDYING AT THE SCHOOL OF ENGINEERING

The School of Engineering conducts its educational programmes and research in close collaboration with the

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## »Engineering Entrepreneurs for Tomorrow's Technology.«

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business community. You will get a broad technical knowledge base, combined with knowledge of leadership, communication, business and environmental awareness.

Courses are conducted using project-oriented methods and a process-based outlook where emphasis is also placed on the softer competencies required of an engineer. This is especially important if you want to take a position such as project manager or other leadership roles within companies. The teaching takes different forms: lectures, seminars, group-

work, company projects, laboratory work, independent study, etc.

## MAKE YOUR CHOICE!

Our international students may choose from Master's programmes taught in English, as well as individual courses at the Bachelor level, within the departments of Civil Engineering and Lighting Design, Computer Engineering, Industrial Engineering and Management, and Mechanical Engineering.

Bachelor courses are open to exchange students from our partner universities. They are presented on our website [www.jth.hj.se/eng](http://www.jth.hj.se/eng)

The Master's programmes are taught in English and are open to all students.

The programmes are presented in this brochure on pages 28-29. >



## FACTS AND FIGURES

- 2,500 students of which 250 are international
- 150 faculty and staff of which 17 per cent are international
- 4 educational departments
- 2 research centres
- 500 host companies
- 75 international partner universities

### > QUALITY ASSURED EDUCATION

The School of Engineering is a member of the prestigious collaboration between leading engineering schools worldwide – the CDIO Initiative™ (Conceive – Design – Implement – Operate). The CDIO Initiative is an innovative educational framework designed to conceive and develop a new vision of engineering education for training the next generation of engineering managers. The CDIO concept was originally conceived at the Massachusetts Institute of Technology (MIT).

Student influence, evaluation and quality control are top priorities. A number of industry advisory boards have been established so that degree programmes are able to keep up with industrial developments. Each technical area has its own industry advisory board, which consists of lecturers, company representatives and students. The advisory boards discuss how the degree programmes can be better adapted to the needs of companies. This also provides companies with continual input regarding the skills and benefits graduates will bring to them.

### EXPERIENCE REAL WORLD PROJECTS

Excellent opportunities are provided to cross-check theoretical knowledge with company experience through real-world projects. Through the Host Company Programme you will get the chance to gain an overall perspective that complements your technical knowledge with a feel for the financial and environmental constraints under which companies work. □



**MATS JÄGSTAM** Dean and Managing Director of the School of Engineering.



**HIGH QUALITY EDUCATION** Student influence, evaluations and quality control are top priorities.

# Research at the School of Engineering

### DESIGNING NEW PRODUCTS AND PUTTING THEM INTO PRACTICE

Research is developed within the research profile Industrial Product Realisation, especially focused on applications for small and medium-sized enterprises. The main focus of research in this profile is on the development and manufacturing of physical products with accessory services; it comprises the whole chain from concept to finished product.

Within the research profile Industrial Product Realisation research is carried out and developed in four research areas: industrial production, product development, materials and manufacturing, and information engineering. These research areas are directly linked to our Master's programmes in engineering. This research orientation is especially relevant in our region, since it has the largest number of employees working in small and medium-

sized manufacturing companies in the country. Research in Industrial Product Realisation is, to a large extent, made easier due to the close association with regional industry which the School of Engineering has developed through the extensive host company programme. Altogether there are around 500 host companies. Our research partners include among others Volvo, Scania and Husqvarna.

### A WORLD LEADING CENTRE OF RESEARCH

The School of Engineering is an important part of the Casting Innovation Centre (CIC) in Jönköping, a leading world centre for research, development and education for the European truck, car and manufacturing industry. The chief function of CIC is to strengthen the foundry branch, with a particular focus on materials technology, process technology and cast product development. □

# Bachelor of Science Degree Programmes

## Jönköping International Business School

**JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL (JIBS) OFFERS** four Bachelor of Science degree programmes. Three of these programmes are delivered completely in English. All JIBS' Bachelor of Science degree programmes require successful high school graduation and a Certificate of English language proficiency in order to

qualify for admittance and it should be noted that there is competition for places in all programmes.

All of the Bachelor's programmes include the possibility to study abroad for one semester at one of JIBS' partner universities, located on six continents, if certain academic criteria are met.

All Bachelors' programmes are three years in length (180 ECTS credits).

The current line of programmes and pre-requisites are subject to change. For an update on the current portfolio, and to read more about application and admission, make sure you regularly check our website [www.jibs.se](http://www.jibs.se) □

180 credits

### International Management



*Bachelor of Science in Business and Economics with a major in Business Administration*

Today all business life actors have to be prepared for complex and fast changes. In a world with an increasingly international competition there is a distinctive need for managers who can create, recognize and develop existing businesses and also realize business opportunities. This corresponds with the core of the International Management programme, which comprises basic general courses that focus on different aspects of economics and business studies. The programme then specializes on business management and renewal in an international context.

The programme gives you the opportunity to spend one semester abroad. During your studies you establish direct connections with the business life through our host company programme.

With a degree from the International Management programme at JIBS you have an excellent foundation for starting your own business or pursuing an international career as trainee, business developer, financial assistant, junior analyst, marketing coordinator, salesperson, product manager, brand manager, account manager/key account manager/service manager, marketing assistant, export manager, or project leader.

*Prerequisites:* General entry requirements are English B, Mathematics C and Civics A (Field-specific entry requirements 4) with required grade Passed or international equivalent.



*"The group project with a host company is really interesting! Being involved in this real life experience is great for my future career."*

Daria Antipova / Russia  
International Management



EPAS is an accreditation system that evaluates the quality of business and/or management programmes with an international perspective.



180 credits

## International Economics and Policy

*Bachelor of Science in Business and Economics with a major in Economics*

Within this programme you will learn how to use economic theory to understand and analyse economic problems and processes. It prepares you for assignments that require thorough understanding of different types of economic problems and their underlying mechanisms, at the micro and macro level. You will learn how different markets work and understand the dynamics in the global economy. The programme provides insights into which factors influence economic growth and why economic development differs between different parts of the world. You will also learn about the financial market, about different financial instruments and fundamentals in investment theory.

This programme is designed for those interested in financial markets and those interested in how to use advanced computational methods to analyse economic problems. You will have the opportunity to spend one semester abroad at one of JIBS' partner universities to improve your language skills and develop a personal international network that may boost your career.

The programme prepares you for positions at multinational corporations, banks, financial institutions, government agencies and international organizations. The degree also prepares you for further studies leading to a Master of Science in Economics.

*Prerequisites:* General entry requirements are English B, Mathematics C and Civics A (Field-specific entry requirements 4) with required grade Passed or international equivalent.

180 credits

## Marketing Management

*Bachelor of Science with a major in Business Administration*

The programme is designed to make you a person well equipped to support companies' development and growth by leading projects and functions within marketing and business renewal. Your studies are conducted by a highly international faculty in English together with students from many countries.

The combination of theory and practice, and recurring group work makes Marketing Management a programme that provides you with important experience for your future career.

The Marketing Management programme gives you opportunity to spend one semester abroad and to choose courses that will help to individualize your degree.

A degree from the Marketing Management programme implies that you are well prepared to tackle a range of positions related to marketing in local as well as international businesses. During your career you can, for example, be employed as: trainee, project leader, marketing assistant, communication planner, marketing coordinator, business developer, product manager, brand manager, sales person, account manager/key account manager/service manager, after-sales, or export manager.

*Prerequisites:* General entry requirements are English B, Mathematics C and Civics A (Field-specific entry requirements 4) with required grade Passed or international equivalent.



*"Studying in Sweden is wonderful!  
Much emphasis is placed on  
participation and group projects.  
The professors are very helpful and  
encourage open communication,  
feedback, and discussion."*

Söndra Brand / Germany  
*International Marketing*



# Master of Science Degree Programmes

## Jönköping International Business School

**JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL (JIBS) OFFERS** both 60-ECTS credit, one-year (Swedish *Magister*) and 120-ECTS credit, two-year (Swedish *Master*) Master of Science programmes. These programmes are open to both Swedish and international students who have completed a Bachelor degree programme in the related area. It should be noted that the prerequisites listed are minimum and, as the programme entry is competitive, additional specific coursework expectations may be required to gain admission.

### MASTER OF SCIENCE (ONE-YEAR) DEGREE PROGRAMMES

The one-year, 60-ECTS credit Master of Science programmes at JIBS are intense, discipline-focused programmes which can be completed in one academic year (August-May).

All of the programmes culminate with the completion of a 15-ECTS-credit thesis assignment supervised by professors at JIBS.

### MASTER OF SCIENCE (TWO-YEAR) DEGREE PROGRAMMES

The two-year, 120-ECTS credit Master of Science programmes at JIBS are discipline-based programmes but allow for more detailed studies in the second year focused on an international educational experience, internship or pre-doctoral research activities. All of the programmes culminate with the completion of a 30-ECTS credit thesis assignment supervised by professors at JIBS. These programmes prepare students for doctoral research education. □

## One-year Master of Science programmes

### 60 credits

#### International Financial Analysis

*Master of Science (60 credits) with a major in Business Administration*

This programme provides you with the theoretical background and the advanced mathematical and empirical tools required in advanced financial analysis. The education aims to give you the competencies and skills necessary for analysing financial data and a solid background in advanced financial theory that is needed to understand the mechanisms that influence financial markets. This education prepares students for positions demanding advanced analytical skills in financial economics and statistics.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 60 credits in business administration, economics, finance, or equivalent. Furthermore, a minimum of 15 credits in statistics/econometrics is required.

### 60 credits

#### International Logistics and Supply Chain Management

*Master of Science (60 credits) with a major in Business Administration*

The programme is unique in that it offers a cross-disciplinary education, combining the core topics of logistics and supply chain management with marketing, and economic geography. Students gain knowledge and understanding of the supply chain network and its development, as well as of the tools needed to analyze, develop and change such supply chains. The programme prepares students for international careers. There is a strong connection between theory and practice and students will enjoy continuous and constructive exposure to practice, exchange with practitioners, and insights from the faculty's internationally recognized research throughout the various modules.

The strong focus and cross-disciplinary nature of the programme prepare you for a career in the areas of supply chain management and logistics and equip you with career skills.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e., the equivalent of 180 ECTS credits at an accredited university) with at least 60 credits in business administration, economics, logistics, industrial engineering and management, or equivalent.



60 credits

## International Marketing

*Master of Science (60 credits) with a major in Business Administration*

International Marketing is a programme that increases your ability to understand and meet the challenges many companies currently face as a result of increasing globalization and a changing competitive climate. It includes courses that shed light on contemporary marketing issues, but also courses that help you comprehend the nature of the global economy. During the year you study courses that focus on consumer behaviour, market research, retail, marketing communications, international marketing and export, and globalization of economic activity. The course content is adjusted to mirror contemporary research and the situation companies experience right now.

Some examples of job positions that you might apply for after graduation include marketing manager, export manager, export consultant and international account manager.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 60 credits in business administration, economics, industrial engineering and management, or equivalent.

60 credits

## Managing in a Global Context

*Master of Science (60 credits) with a major in Business Administration*

Managing in a Global Context is a programme especially designed to equip you with the skills and tools required to become an effective leader in diverse business contexts and varied intercultural settings.

The programme acknowledges that contemporary markets are increasingly complex and dynamic in terms of culture and demand, that information and communication are salient for success, and that the discourse on corporate responsibility for sustainability is crucial.

Through group and project-oriented work you develop your planning and collaboration skills, and experience intercultural relations.

This programme provides the special skills needed to successfully meet and manage the challenges of globalised, dynamic markets and competitive environments, while at the same time anchoring business activities in the local context.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 60 credits in business administration, economics, industrial engineering and management, or equivalent.

60 credits

## Strategic Entrepreneurship



*Master of Science (60 credits) with a major in Business Administration*

Strategic Entrepreneurship is a programme that helps you improve your entrepreneurial effectiveness, both in creating and launching new start-ups, and in identifying and developing opportunities within existing organisations. Entrepreneurial activities play a crucial role in our society and the programme prepares students with the skills that are needed in existing companies as well as developing skills to enable new businesses to emerge and succeed. The education offers practical projects and start-up experiences.

You have the opportunity to get acquainted with the Swedish business landscape, thereby experiencing the interplay of the local business dimension with the global one through guest lectures by participants in the Swedish business world, projects with Swedish organisations, and opportunities provided to develop your own venture ideas.

The programme will provide you with specialised master level competencies in business administration with a focus on venture creation and venture management as well as business renewal. There is a wide range of career opportunities awaiting you after graduation.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 credits at an accredited university) with at least 60 credits in business administration, economics, industrial engineering and management, or equivalent.



*"The guest lecturers at JIBS have given valuable insights on what obstacles can be expected when starting up a new business venture. This knowledge will be greatly beneficial for me in my career."*

Elina Vetersand / Sweden  
Strategic Entrepreneurship



EPAS is an accreditation system that evaluates the quality of business and/or management programmes with an international perspective.

## Two-year Master of Science programmes

### 120 credits

#### Economics, Trade and Policy

##### *Master of Science (120 credits) with a major in Economics*

This programme provides a deepening education in the field of international and regional economics. The programme aims to give students quantitative and theoretical competencies to work with economic analyses from various geographical perspectives international, inter-regional, and local.

The comprehensive focus on location and trade provides a deep understanding of economic interaction and dynamics in both the local and global economy. This focus is highly relevant to both developed and developing countries. Students also have an opportunity to study abroad at one of JIBS's partner universities.

This education prepares students for positions demanding analytical skills in economics, especially those related to trade and the dynamics of production and consumption in the global economy.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 60 credits in either economics or finance, or equivalent. Furthermore, a minimum of 15 credits in statistics/econometrics is required.



### 120 credits

#### IT, Management and Innovation

##### *Master of Science (120 credits) with a major in Informatics*

This programme addresses students with a business background who want to increase their competence in exploiting IT for business, organisational or industrial innovation, or students with a technology background who want to increase their competence in entrepreneurship and innovation. The programme features three key areas: entrepreneurial IT; the use of IT in business, organisational and industrial innovation; and the evaluation of IT investments.

The overall purpose is to contribute to educating a new generation of researchers and practitioners who want to understand the value of IT, how to effectively implement and manage innovative IT-based products and services in the global virtual economy, and how to capture the effects of IT.

*Prerequisites:* The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 60 credits in business administration, economics, industrial engineering and management, or equivalent.

### 120 credits

#### International Logistics and Supply Chain Management

##### *Master of Science (120 credits) with a major in Business Administration*

The first year of the two-year MSc programme will be taken primarily together with the one-year programme described above. Students in the International Logistics and Supply Chain Management programme have the opportunity to spend a semester abroad at one of our extensive network of partner universities. Students have also enjoyed spending their internship periods in manufacturing, logistics, retailing, and service industries.



*"Studying in Sweden has given me the ability to, not only learn about Swedish culture, but of many around the world, providing a truly international perspective, broadening my horizons and enriching my learning of others."*

Matthew Hailey / United Kingdom  
*International Logistics and Supply Chain Management*



## Swedish language programmes

*JIBS Programmes for Swedish-speaking students. Details of these programmes are available in the Swedish language at [www.jibs.hj.se](http://www.jibs.hj.se)*

### 120 credits

## Managing in a Global Context

*Master of Science (120 credits) with a major in Business Administration*

The first year of the two-year MSc programme will be taken primarily together with the one-year programme described above. In the second year of the programme you can study your third semester abroad – further adding to the international dimension of your education and knowledge.

### 120 credits

## Strategic Entrepreneurship



*Master of Science (120 credits) with a major in Business Administration*

The first year of the two-year MSc programme will be taken primarily together with the one-year programme described above. You can choose to spend your third semester studying abroad at one of JIBS's partner universities – further adding to the international dimension of your education and knowledge.

### 120 credits

## International Business Development – Double Degree with Moscow State University

*Master of Science (120 credits) with a major in Business Administration*

Students in this programme complete their first year at Moscow State University in Russia and their second year at JIBS. Entry to this programme is extremely selective. Details can be found at <http://hj.se/jibs/en/education/double-degree.html>

## Affärsjuristprogrammet – Kandidat (180 credits)

*Bachelor in Commercial and Tax Law.* This programme is targeted for Swedish students looking to work in Sweden in the area of commercial or tax law. While an emphasis is placed on international tax issues, the program is grounded in Swedish Tax Law.

## Affärsjuristexamen – Master (120 credits)

*Master of Laws (LLM) with a major in Commercial and Tax Law.* This programme is targeted for students with a previous Swedish degree in commercial or tax law. While an emphasis is placed on international tax issues, the programme is grounded in Swedish Tax Law.

## Civilekonomprogrammet (240 credits)

*Civilekonom Master of Science Programme.* The civilekonom programme is a unique Swedish programme that leads to the Swedish Civilekonomexamen degree. This programme is targeted for Swedish students looking to work in Sweden in the areas of business or economics.

# Summer programme

**THE PROGRAMME CONSISTS** of intensive courses at Bachelor's and Master's levels. The main goal is to provide the students with academic and applied knowledge, to experience an international environment and to provide knowledge of the Swedish culture through a rich programme of

cultural and social activities. The following courses are offered:

- International Entrepreneurship and Venturing – Bachelor's level
- International Logistics and Supply Chain Management – Bachelor's level
- Developing Dynamic Family Enterprises – Master's level

Please visit [www.jibs.se/summerprogramme](http://www.jibs.se/summerprogramme) for more information and updates about the courses and the programme. □



EPAS is an accreditation system that evaluates the quality of business and/or management programmes with an international perspective.

# Master of Science Degree Programmes

## School of Engineering

**THE MASTER'S PROGRAMMES AT THE SCHOOL OF ENGINEERING** have a duration of two years and are worth 120 credits. The programmes are all taught in English and are open for both Swedish and international applicants.

The Department of *Computer Engineering* offers a Master's programme in Informatics

with a specialisation in Information Engineering and Management.

At the Department of *Industrial Engineering and Management* you can study the Master's programme in Production Systems with a specialisation in Production Development and Management.

The Department of *Mechanical Engineering* gives you the option to study one of two programmes in the major Product Development: Product Development and Materials Engineering or Industrial Design.

Detailed information about the programmes, course contents, prerequisites, and how to apply, see [www.jth.hj.se/eng](http://www.jth.hj.se/eng) □

### 120 credits

#### Information Engineering and Management

*Master of Science (120 credits) with a major in Informatics, specialisation in Information Engineering and Management.*

This Master's programme aims to build specialist competence in the software area. Development of software solutions for business purposes has been a major objective of information technology during recent decades.

Information systems and business applications are an essential part of everyday operations in nearly all industrial areas and service sectors. These software systems support administration and production processes, optimize work flow and material flows, enable electronic business solutions, support collaboration in distributed work groups and many more tasks.

Addressing these tasks not only requires a deep understanding of technical requirements and business needs in the organization, but also a solid background in methods, technologies and systems for software development and information modeling.

This Master's programme will prepare you for work in research and development departments in large enterprises as well as in small and medium-sized companies. You will be able to work in various positions, e.g. project manager for system development, systems analyst, system developer, service and maintenance or customer service.

If you are interested in a career in research contexts, this programme will provide a solid basis for future research work.

*Prerequisites:* A Bachelor's degree in Computer Engineering or Electrical Engineering (with relevant courses in Computer Engineering), or equivalent. At least 90 credits in your major subject. A minimum of 22,5 credits in Mathematics. Proof of a TOEFL/IELTS/Cambridge score if non-native English speaker.

### 120 credits

#### Production Development and Management

*Master of Science (120 credits) with a major in Production Systems, specialisation in Production Development and Management.*

The manufacturing industry now faces globalisation challenges and this is the starting point of this Master's programme. The aim is to provide knowledge and competence that prepare students for leading positions within the manufacturing industry.

Today, manufacturing is an international industry. Product development and production may be carried out at different geographical locations, which requires communications and coordination of activities. The competitiveness of manufacturing companies relies to a high degree on their ability to benefit from increased globalisation.

This Master's programme focuses on the role that production plays within manufacturing companies. Central themes include how production systems are developed, how the design of products and the supply chain interrelate with production system design, and how production systems are operated and managed.

Graduates of the programme will be ready to take up various positions in industry, including areas such as production development, production management, production planning, or logistics. You will also be prepared for doctoral studies.

*Prerequisites:* A Bachelor's degree in Mechanical Engineering or Industrial Engineering and Management, or equivalent. At least 90 credits in your major subject. A minimum of 22,5 credits in Mathematics. Proof of a TOEFL/IELTS/Cambridge score if non-native English speaker.



120 credits

## Product Development and Materials Engineering

*Master of Science (120 credits) with a major in Product Development, specialisation in Product Development and Materials Engineering.*

As competition between companies gets tougher and the number of products on the market increases, many come to realise the importance of product development and materials knowledge as competitive means. This programme covers the entire product development process.

Vehicles, household appliances, medical equipment and certain sporting goods are all examples of products made up of complex components. With the help of advanced computer tools in design and construction, real and virtual prototypes can be produced much faster, and the time needed for development can be shortened. In addition, a product can be studied and tested at an early stage of product development regarding its design, usability, durability, safety and producibility.

Important aspects of work with the development of components and products include the analysis of function and performance, the choice of materials and the methods of production. The programme qualifies you for positions with manufacturers and suppliers that develop and produce components, or as consultants. You will also be prepared for doctoral studies.

*Prerequisites:* A Bachelor's degree in Mechanical Engineering, or equivalent. A minimum of 22,5 credits in Mathematics. Proof of a TOEFL/IELTS/Cambridge score if non-native English speaker.

*"In the courses we have group projects to work with solving problems that are real industry problems. The students here are active and eager!"*



Mohammad Ghorbani  
Doushantapch / Iran  
Product Development  
and Materials Engineering



120 credits

## Industrial Design

*Master of Science (120 credits) with a major in Product Development, specialisation in Industrial Design.*

This Master's programme provides the opportunity to broaden your knowledge and creativity within the area of industrial design. You will learn more about the whole design process from a human point of view, with a focus on usability, ergonomics, aesthetics, materials and production, as well as drafting techniques and visualization.



*"My programme is based around 'project based learning' where we act as a design consultancy for a company and we get an insight in to the industry."*

Michael Pye / Australia  
Industrial Design



The courses have an interdisciplinary approach and are guided by the relationship between humans and products. The programme provides you the opportunity to use a variety of tools to quickly visualize ideas and concepts in order to develop your creativity in the design studio and through model workshops. You will also learn to formulate and present ideas and solutions and identify new products and opportunities. A considerable part of this Master's programme is run in project form, implementing sharp projects in collaboration with a company.

On completion of the degree, you will be well prepared for work on industrial design projects, or as a consultant. If you are interested in a career in research contexts, the programme also provides a firm foundation for future research work.

*Prerequisites:* A Bachelor's degree in Mechanical Engineering, Civil Engineering or Architecture (with relevant courses in Construction and Design), or equivalent. A minimum of 15 credits in Mathematics. Proof of a TOEFL/IELTS/Cambridge score if non-native English speaker.



# Doctoral Programmes

Jönköping University offers many doctoral programmes taught in English, available for international students with the required qualifications. Doctoral education is conducted at all of our schools and the university has some 200 doctoral students.

## DOCTORAL STUDIES AT JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

There are doctoral students from all over the world at Jönköping International Business School: from North and South America, Asia, Africa, Australia and of course from all over Europe. The school grants doctoral degrees in Business Administration, Economics, Commercial Law, Statistics and Informatics. The doctoral programmes are taught in English and

open to international students. Since 1997, more than 80 dissertations have been successfully defended. Doctoral students, researchers and teachers give seminars throughout the school year. Jönköping International Business School is also frequently visited by international researchers and top scholars who give seminars and participate in doctoral courses.

## DOCTORAL STUDIES AT THE SCHOOL OF ENGINEERING

The School of Engineering grants doctoral degrees in Industrial Product Realisation, with three subject areas: Machine Design, Material and Manufacturing, and Production Systems.

Research education at the School of Engineering is also carried out in close collaboration with other univer-

sities, such as Chalmers University of Technology in Gothenburg, the Royal Institute of Technology (KTH) in Stockholm, and the Institute of Technology at Linköping University.

## OPPORTUNITIES FOR THE FUTURE

The aim of the doctoral programmes is to provide students with advanced knowledge within his or her field of research, the skills to pursue independent research and the competence to contribute to the development of the scientific field. The doctoral programmes at Jönköping University offer a host of opportunities for the future, from academic positions within international work environments, to positions where research skills are demanded. □





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#### JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

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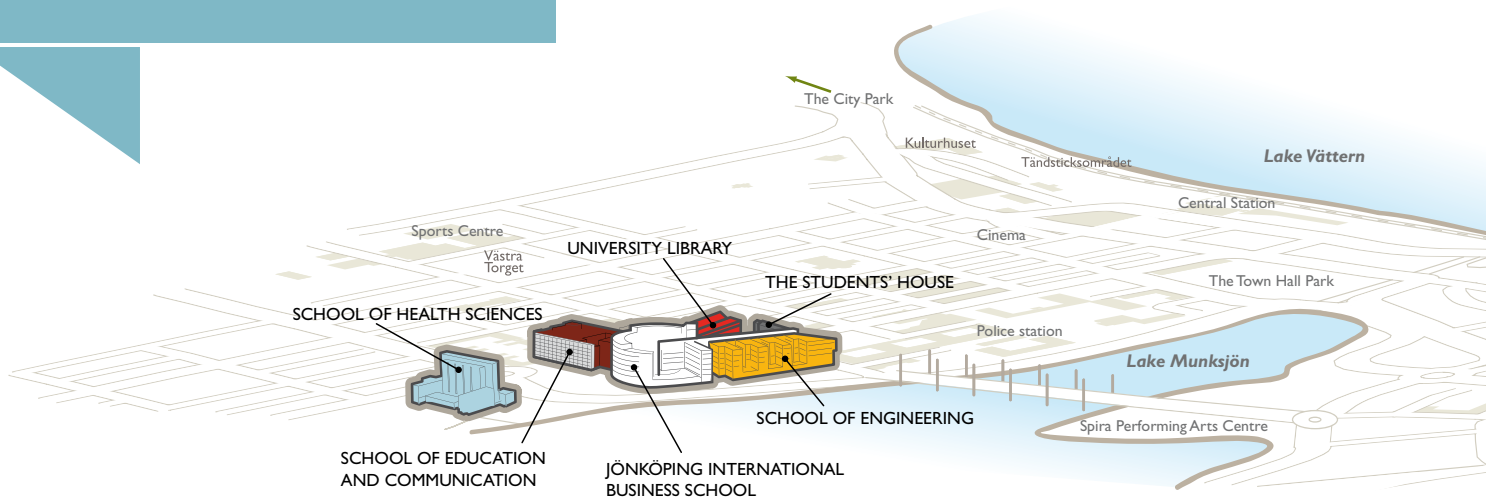
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#### SCHOOL OF ENGINEERING

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