

SWEDEN -

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

SCHOOL OF ENGINEERING

SCHOOL OF EDUCATION AND COMMUNICATION

SCHOOL OF HEALTH AND WELFARE

JÖNKÖPING UNIVERSITY

# CAREER

**UNDERGRADUATE AND GRADUATE PROGRAMMES 2016** 



JÖNKÖPING UNIVERSITY

High academic standard and real-world relevance
An inspiring international study environment
Extensive exchange opportunities all over the world

#### PROGRAMMES TAUGHT IN ENGLISH

#### **UNDERGRADUATE PROGRAMMES**

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• Digital Visualization p20

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# WELCOME TO JONKOPING! UNIVERSITY!

Sweden

Helsinki

St Petersburg

**▶ JU.SE** 

# Copenhagen London Berlin Paris Stockholm Jönköping Warsaw

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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 to Jönköping University and we will give you our full attention.

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

Anita Hansbo
President

#### **OUR VISION**

We build an international university in Jönköping which attracts highly qualified, inventive and enterprising people from all around the world. We contribute to sustainable economic, social and cultural prosperity in the region where we reside, making way for knowledgebased innovation and enterprise.



Jönköping University is one of the most international universities in Sweden. We attract students from all over the world with committed teachers and study programmes that connect research to industry- with many opportunities to practice what you learn. We offer an international study environment that is fun and inspiring, and an entrepreneurial way of looking at the world.

Great ideas are meant to come to life, and we do everything we can to help our students make their career dreams come true.

We have about 300 partner universities all around the globe, and we offer our students great opportunities to study abroad. At Jönköping University, Swedish and international students take their classes together, and get to know people from other parts of the world. We consider this cultural exchange an important part of the education we offer. It's a shrinking world out there, and you need to be open-minded and used to cooperating with people from different backgrounds in order to succeed.

Jönköping University has close ties in the region, and we like to involve business and industry in research and innovative projects. This gives our students the chance to test their knowledge, and lets the industry see what our students can do. It's a mutually beneficial exchange.



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# GET DOWN TO GLOBAL BUSINESS



JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

Jönköping International Business School (JIBS) is EQUIS accredited, placing us amongst the highest quality international business schools in the world. In terms of diversity among our students, faculty, and professional staff, the range of our worldwide partnerships and exchange programme, as well as our research, we are the most international business school in the Nordic region. We welcome individuals with an international orientation, who want to make a difference in business, public or voluntary sector organisations.

#### **FACTS AND FIGURES:**

1,600 students of which 45% are international 120 faculty and staff 7 research centres 300 host companies 180 international partner universities.

#### **ENTREPRENEURSHIP RESEARCH:**

Ranks 9th globally and 3rd in Europe.

#### **FAMILY BUSINESS RESEARCH:**

Ranks 3rd globally and 1st in Europe.

# BECOME THE NEXT GENERATION ENGINEER

SCHOOL OF ENGINEERING

The School of Engineering is one of Sweden's leading educators in the field of engineering. Here, you will not only gain knowledge in engineering, but also skills in leadership, communication, management and sustainability – all of which are increasingly crucial in a high-tech, globalised world. The School of Engineering is a member of the CDIO initiative, a prestigious collaborative between leading engineering schools worldwide. Thanks to a close collaboration with regional industry and an extensive host company programme, which includes partners such as Volvo, Scania and Husqvarna, the school offers excellent research opportunities.

#### FACTS AND FIGURES:

2,500 students 150 faculty and staff 4 research areas 400 host companies 80 international partner universities.

# LEARN FOR TOMORROW'S CHALLENGES

SCHOOL OF EDUCATION AND COMMUNICATION

Whether your passion is teaching, communications, HR or global studies, the School of Education and Communication is the school for you. We've educated teachers for more than 60 years, and our programmes have become very popular among students across the world. All programmes are based on both practice and science, and advanced research is part of the education from early on. The research profiles are of high quality and are continually developing as we build new platforms for knowledge, interaction and communication. Doctoral studies are focused on a number of various disciplines.

#### **FACTS AND FIGURES:**

4,000 students141 faculty and staff4 research areas100 international partner universities.

# TAKE CARE OF YOUR FUTURE

SCHOOL OF HEALTH AND WELFARE

As one of Sweden's prime educators in the field of health sciences, health care and social work, the School of Health and Welfare offers high academic quality and distinct profile areas. Our experience with education and research is long and substantial, and since many of our teachers are also researchers, the learning environment for students is up-to-date and relevant. The school's top-quality research bridges the gap between academia and the professional world with the aim to improve health and welfare in society. Researchers and professors disseminate knowledge and research results at both national and international scientific conferences.

#### FACTS AND FIGURES:

2,200 students
130 faculty and staff
4 research areas
80 international partner universities.

# FOUR SCHOOLS OF INTERNATIONAL OPPORTUNITY

Jönköping University is a higher education institution that offers a truly international environment.

At our four schools, students from across the world boost their competence in a wide range of academic and professional areas, in a setting that inspires higher learning, advanced research and multicultural social networking. If you are willing to work hard and interact with your fellow students and teachers, this university will reward you with the skills you need to launch a successful global career – both as a professional and as a person.

# Sweden

# **EXPERIENCE A COUNTRY OF INNOVATION**

Sweden is known for being a clean, beautiful country, covered with lakes and forests and inhabited by 9.5 million people who are friendly but a bit on the guiet side. This is all true.



What you've heard about high living standards and low crime rates is true too. There is also beautiful nature, great design, and good music. Sweden is, per capita, one of the largest music export countries in the world with acts such as Avicii, Robyn and Icona Pop. Lots of great innovations originated in Sweden as well, for example TetraPak, the pacemaker, Skype and Spotify. And let's not forget about IKEA. IKEA, today known all over the world, was founded in the south of Sweden, not far from Jönköping. It's a region that is known for nurturing creative minds.



#### 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.



#### REWARDING INNOVATORS

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



#### **GOOD AT HEART**

The lifesaving pacemaker was developed in 1958 by Swedish inventor Rune Elmqvist.



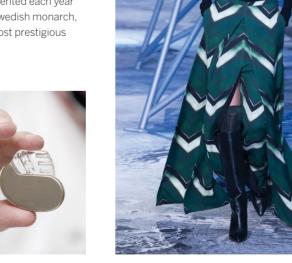
#### JOYRIDE MUSIC

DJ Avicii and carmaker Volvo are two of Sweden's biggest exporters within their respective industry.



#### INVENTING TOMORROW'S WORLD

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



#### **SWEDISH FASHION**

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

#### JÖNKÖPING - A STUDENT CITY

YOU WILL FIND JÖNKÖPING
ON THE SOUTHERN SHORES
OF LAKE VÄTTERN.
THE CITY HAS A POPULATION
OF 130,000 AND A BEAUTIFUL
CITY CENTRE WITH CAFÉS,
RESTAURANTS, SHOPPING,
CONCERT VENUES
AND GORGEOUS
WATERFRONT VIEWS.



The university campus is located right in the heart of the city, within comfortable walking distance to all conveniences. No matter if yoga, cross-country skiing, computer gaming or cooking is your thing, Jönköping and its many opportunities for spare time activities will offer

what you need. And if, in spite of this, you feel the urge to go somewhere else, an hour and a half on a train will take you to Gothenburg, Sweden's second largest city. Add another hour and you'll be in Stockholm. In Jönköping, you are never far away from anything.













#### A RESTAURANT DENSE CITY.

Jönköping has many delicious restaurants like N.E.O. – a cool lakeside bistro/bar serving mediterranean inspired cuisine, and Sjön- a restaurant opened by famous Swedish chef and Jönköping resident, Tommy Myllymäki, to name a few.

#### SHOPPING

From A6, the largest mall in the region, to Jönköping City- an ever-evolving shopping district with more than 200 shops in the middle of the city – Jönköping offers shopping galore.

#### **NIGHTLIFE**

From bars to student-run clubs, Jönköping has no shortage of entertainment options.

#### STADSPARKEN - THE CITY PARK

Within walking distance from the centre, Stadsparken offers relaxing nature, stunning views of lake Vättern, walking paths, animals, and more.

#### **VÄTTERSTRANDEN**

A 2 km beach located in the middle of the city. Enjoy a picnic, stroll, or even a refreshing swim.

#### ROSENLUNDSBADET

Jönköping's largest indoor swimming center, and located close to the city centre. Swim, relax in the jacuzzi or sauna, enjoy the wave pool, or ride the waterslides- if you dare.

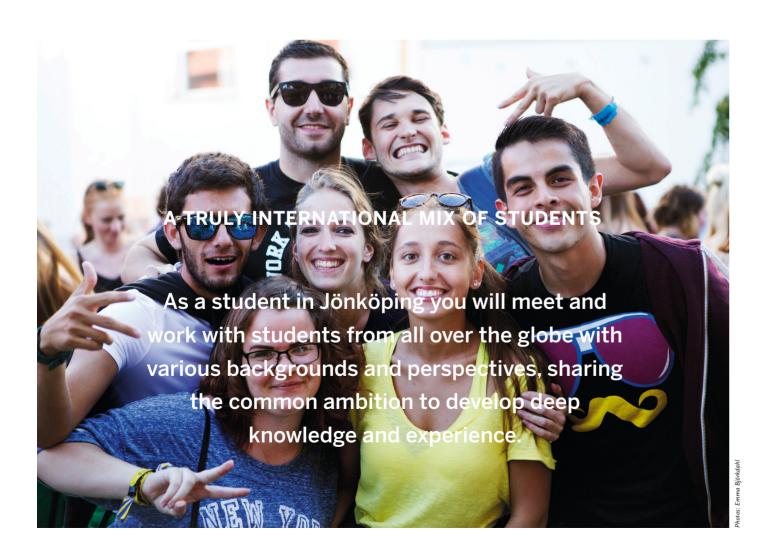
#### GRÄNNA AND VISINGSÖ

The quaint village of Gränna and island of Visingsö are just a half an hour away. Walk the cobbled streets, tour a candy factory, or take the ferry over to the island to rent a bike and explore medieval ruins.

The staff at Jönköping University are dedicated to providing the best possible service – before and during your studies.

# **AT YOUR SERVICE!**

Life as a student isn't all about lectures and exams. It's also about networking, exploring different cultures, and making new friends. There is always something going on around campus that you can choose to take part in – seminars, sports events or parties. And then there is Akademien, the Student Union's nightclub. Akademien is one of Jönköping's biggest nightclubs with three different dance floors.



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#### BY STUDENTS - FOR STUDENTS

The Student Union is run by students, for students. 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.

#### **SOME HIGHLIGHTS**

International Week: Once every semester our international students present their own country and culture. Spring Inspiration: A great big fashion show, organized by JIBS students. Career days: Where you will meet potential employers from regional as well as international companies. Spring Prom: Annual event focusing on and preserving student traditions. And a great party!

Trips:
Throughout the year, the
Student Union arranges
trips to various exciting
destinations, in Sweden
and to our neighbouring
countries.



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

The event has been rated one of the best in Europe. Introduction Week will also prepare you academically, as you will learn about your programme, important routines and procedures.

#### INTERNATIONAL RELATIONS OFFICE

The IRO develops cooperation with universities all over the world to offer students the possibility to study abroad. Service prior, during and after studies abroad is provided to outgoing and incoming exchange students. In addition, IRO administrates scholarships that students can obtain when studying abroad.

#### ACCOMMODATION OFFICE

The Accommodation Office will help you find a place to live. You will receive information about this once you've been accepted to Jönköping University.

#### UNIVERSITY LIBRARY

The University Library is an old foundry from the beginning of the 20th century that has been transformed into a modern research library. Group rooms and reading rooms are available 24 hours a day.

#### THE SPORTS CENTRE

The brand new sports centre on campus is waiting to accommodate your exercise needs. The centre includes a well equipped gym as well as a gymnasium for indoor team sports and offers special discounts to students at Jönköping University.

SEE FULL LIST OF SERVICES ON JU.SE







#### LIVE AND STUDY IN BEAUTIFUL GRÄNNA

Students in the pathway programmes at JU have the privilege of living and studying in Gränna, one of the most beautiful towns in Sweden.

Improve your English in order to meet the entry requirements for university studies in Sweden

### **PATHWAY PROGRAMMES**

Our pathways are the best way to improve your English proficiency in order to meet the entry requirements for university studies in Sweden. If you meet the academic requirements for a programme at JU, but lack the level of required English proficiency, you may apply to one of our pathway programmes.

When you have successfully completed one of the programmes you may enter into a pre-selected and eligibility-assessed degree programme without any further testing. Choose one of our three pathways to prepare you for a career and future employability.

#### **EXPLORE SWEDEN**

Language skills and social competence are the two key factors (in addition to formal qualifications) for a successful career. In order to become familiar with Swedish culture, you will study and explore different aspects of Sweden such as politics, governmental structure, religion and history.

The programmes includes excursions to explore parts of Jönköping as

well as other parts of Sweden, giving you the opportunity to become familiar with your new environment, both socially and culturally. You will also be introduced to the Swedish language through weekly classes.

#### TAKE THE PATHWAY TO YOUR FUTURE

The programmes provides you with the English reading, writing, listening and speaking skills necessary for enrollment in degree programmes at JU. Upon completion you will receive a certificate demonstrating skills equivalent to the Swedish high school course English 6, which is the most common English language level required for entering higher education in Sweden.

Our pathways will also help you acclimatise to the Swedish culture and adjust to the demands, challenges and expectations of Swedish higher education

Perhaps most importantly, the pathway gives you direct entry to a degree programme at Jönköping University.







Jönköping University offers three pathway programmes depending on your level of English. For more information about our requirements please visit **www.ju.se** 

#### UNDERGRADUATE PROGRAMMES

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

## International Economics



3 years 180 credits

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

This programme with a major in Economics, a minor in business administration, and courses in statistics- provides students with the theoretical competencies to work with international economics. Of high value to future employers, the programme provides students with the quantitative knowledge and skills to analyse and process data. In the labour market today, it is becoming increasingly important, not only to be able to provide statistical measures to describe firms, organisations, municipalities and countries, but also to analyse the statistics and make accurate conclusions and suggestions based on the data. During the programme, you will develop a thorough understanding of economics and their underlying mechanisms, at both the micro and macro level. You will learn how different markets work and understand the dynamics in the global economy. You will also learn about the financial market, different financial instruments and fundaments in investment theory.

You will have the opportunity to spend one semester abroad and to develop a personal, international network that can boost your career.

The programme prepares you for positions at multinational corporations, banks, financial institutions, government agencies and international organisations.

#### COURSES (NB Preliminary list of courses)

Year 1	
Entrepreneurship and Business Planning	7.5 credits
Macroeconomic Principles	7.5 credits
Microeconomic Principles and Mathematics for Economics .	7.5 credits
Basic Financial Accounting	7.5 credits
International Trade Theory	7.5 credits
Industrial Organisation	7.5 credits
Issues in Development Economics	7.5 credits
International Macroeconomics and Finance	7.5 credits
Year 2	
Intermediate Microeconomics and	
Mathematical Economics	7.5 credits
Rusiness Statistics 1	75 credits

International Macroeconomics and Finance	/.5	credits
Year 2		
Intermediate Microeconomics and		
Mathematical Economics	7.5	credits
Business Statistics 1	7.5	credits
Business Statistics 2	7.5	credits
Intermediate Macroeconomic Theory	7.5	credits
Law and Economics	7.5	credits
Corporate Finance 1	7.5	credits
Econometrics 1	7.5	credits
Organisation and Leadership	7.5	credits
Year 3		
Studying abroad/Elective courses	30	credits
Bachelor Thesis in Economics		
Econometrics 2	7.5	credits
Corporate Finance 2	7.5	credits

PREREQUISITES: General entry requirements include high school diploma; with specific demand on mathematics, civil/social studies. Proof of English proficiency is required.

For more detailed entry requirements, please visit  $\, www.ju.se \,$ 

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### Sustainable Enterprise Development



3 years 180 credits

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

The programme in Sustainable Enterprise Development has been created to fill the increasing need among both for-profit and not-for-profit organisations, for leaders who can initiate and manage change processes. The programme recruits students who are interested in the management of change and innovation, with a particular emphasis on environmental and social sustainability. It is designed to foster creativity and an entrepreneurial mind-set, so that as a graduate you are able to launch and manage new initiatives – or renew existing practices.

During your studies you will interact with students from other cultures and be taught by an engaged and international team of faculty. You are expected to spend one semester abroad and to develop a personal portfolio that documents and highlights your personal development during the programme.

After completing your studies you will be well-prepared for work in the private, non-profit and public sector – and for post-graduate study. The programme provides a solid foundation for a position in general management, but particularly equips you for work as a project leader, business developer or sustainability manager.

#### COURSES (NB Preliminary list of courses)

Year 1

1001 1	
Foundations of Organisational & Entrepreneurial Behaviour	7.5 credi
Foundations of Marketing & Communication	7.5 credi
Microeconomic Principles & Mathematics for Economics	7.5 credi
Basic Financial Accounting	7.5 credi
Sustainable Development - Social perspectives	7.5 credi
Macroeconomic Principles	
Sustainable Development - Environmental perspectives	7.5 credi
Finance & Accounting for Sustainability	7.5 credi
Year 2	
Business Statistics 1	75 credi
Strategy and Technology	
Foundations in Design & Management of Innovation	
Business Statistics 2	
Study abroad / Elective courses	
Year 3	7.5
Internship in business administration	
Applied Management of Change and Innovation	
Research Methods: Design, Implementation and Analysis	
Bachelor Thesis in Business Administration	
Management Accounting	
Sustainability and Succession in Family Enterprise	7.5 credi
Years 1 - 3	
Professional Practice & Personal Development Portfolio	7.5 credi

PREREQUISITES: General entry requirements include high school diploma; with specific demand on mathematics, civil/social studies. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

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#### Meet Adrijana Angjelova from Macedonia

STUDENT IN INTERNATIONAL MANAGEMENT

I have always been passionate about international companies and business on a multinational level, and this programme has provided me with the knowledge and skills to better understand global business. After graduating, I hope to continue with a Master's here at JIBS and later find work within an international company.

Many real-world examples are introduced and discussed throughout the programme, which makes it all relevant! In the Marketing Management course, for example, we had the possibility to do market research for a company called Nexus. The process of meeting managers at the company and gaining insight into their business was essential to understanding how a global company has adapted to the local Swedish market.

I would never have imagined that in just a few years, I would have partic-

ipated in so many practical projects, including the work I've done during my current internship over the last year. Nor would I have guessed that I would sit as a board member and represent 1,300 students in the student union, or become fluent in Swedish thanks to the additional courses offered to international students.

JU's campus is modern and impressive. It's amazing how the library has been reconstructed to be a non-traditional, student-friendly zone. The environment here is warm and welcoming, and the equality of international and Swedish students is excellent.

I'm also impressed by the many student events organized by the Student Union, and I think it's fantastic that we have our own student club with no entrance fee and reasonable prices. JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

# International Management



3 years 180 credits

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

In a world with increasing international competition there is a great need for managers who can develop existing businesses by seizing new business opportunities. The International Management programme comprises basic courses in economics and business studies and specialises in business management and business 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 world through the 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 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.

#### COURSES (NB Preliminary list of courses)

#### Year 1

icai i	
Business and Academic Communication 1	7.5 credits
Entrepreneurship and Business Planning	7.5 credits
Microeconomic Principles and Mathematics for Economics	7.5 credits
Basic Financial Accounting	7.5 credits
Macroeconomic Principles	7.5 credits
Management Accounting	7.5 credits
Marketing Management	7.5 credits
Organisation and Leadership	7.5 credits
Year 2	
Strategy and Technology	7.5 credits
Business Statistics 1	7.5 credits
Business Statistics 2	7.5 credits
Research Methods: Design, Implementation and Analysis	7.5 credits
Corporate Finance 1	7.5 credits
International Trade Theory	7.5 credits
International Macroeconomics and Finance	7.5 credits
International Management	7.5 credits
Year 3	
Studying abroad/Elective courses	30 credits
Business Ethics	7.5 credits
Elective course	7.5 credits
Bachelor Thesis in Business Administration	15 credits

PREREQUISITES: General entry requirements include high school diploma; with specific demand on mathematics, civil/social studies. Proof of English proficiency is required.

For more detailed entry requirements, please visit  $\, www.ju.se \,$ 

#### MORE INFORMATION

Prerequisites and courses are subject to change Please visit **www.ju.se** for the most up to date information on programmes and courses.

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

# Marketing Management



3 years 180 credits

Bachelor of Science with a major in Business Administration

This programme equips you with knowledge and skills that enable you to support companies' development and growth by leading projects and functions within the various areas of marketing and business renewal. The combination of theory, practice and recurring group work makes Marketing Management a programme that provides you with important experience for your future career. You study together with students from many countries taught by a highly international faculty.

You will have the opportunity to spend one semester abroad and to develop a personal international network that can boost your career.

After completion, you will be well prepared to tackle a range of positions related to marketing. The programme will prepare you for positions such as 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.

#### COURSES (NB Preliminary list of courses)

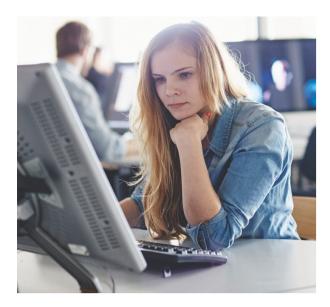
#### Year 1

1001 1	
Entrepreneurship and Business Planning	7.5 credit
Principles of Project Management	7.5 credit
Basic Financial Accounting	7.5 credit
Business and Academic Communication 1	7.5 credit
Purchasing and Sales	7.5 credit
Supply Chain Management	7.5 credit
Marketing Management	
Organisation and Leadership	7.5 credit
Year 2	
Business Statistics 1	7.5 credit
Electronic Commerce	7.5 credit
Marketing Communication	7.5 credit
Microeconomic Principles and Mathematics for Economics	7.5 credit
Corporate Finance 1	
International Marketing	7.5 credit
Business Ethics	7.5 credit
Research Methods: Design, Implementation and Analysis	7.5 credit
Year 3	
Studying abroad/Elective courses	30 credit
Bachelor Thesis in Business Administration	
Brand Management	
International Marketing Law and Consumer Protection	

PREREQUISITES: General entry requirements include high school diploma; with specific demand on mathematics, civil/social studies. Proof of English proficiency is required.

For more detailed entry requirements, please visit  $\, www.ju.se \,$ 

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# Meet Zsófia Pauliczky from Hungary

STUDENT IN DIGITAL VISUALIZATION

After I had completed my studies in film production and film art and editing in Hungary, I wanted to learn more about the technical side of post-production. This programme seemed to be the perfect choice as it provides broad knowledge in Visual Effects (VFX).

Our education here is like an exciting roller coaster ride. We are always encouraged to come up with and develop our own projects, and I love every minute of it!

The visual effects courses take place in Eksjö, a small town 60 km east of Jönköping. It's a bit isolated but there are no distractions, which is a good thing when you really want to focus on becoming a skilled VFX artist. Students spend a lot of time together and we often organise our own little gatherings – such as movie nights, hiking, picnics and occasionally we go swimming.

My plan is to learn as much as possible and graduate with an awesome showreel. There are so many possibilities and paths in VFX; only the future will tell where I end up. But I'm really glad to say that my education has opened several doors for me. After only one year I've already got an internship at a VFX company!

SCHOOL OF ENGINEERING, CAMPUS 112 IN EKSJÖ

## Digital Visualization

2 years 120 credits

Higher Education Diploma

Do you want to work as a visual effects-artist in the film and advertisement industry? Are you technologically and/or artistically inclined? This programme will guide you through the post-production processes in order to produce production quality material.

#### One programme - Two tracks.

Digital compositing. Gain insight in all parts of post-production and learn to handle the tools you need to, for example, retouch lines that keep an actor hanging in the air, produce set extensions and integrate rendered 3D in live action material.

*3d visualization*. Learn to make high quality 3D productions within a set time frame for commercial and film productions. This can, for example, include modeling, texturing, shading, lighting and animating objects and scenes.

- Undergraduate Programme leading to a Higher Education Diploma
- Taught at Campus i12 in the city of Eksjö (about 60 km from Jönköping) one of Sweden's premier educators in post-production.
- Lectures often held by guest lecturers, ensuring a great network throughout your education.
- Global perspective with international lecturers and close contact with international film industry companies.

COURSES (NB Preliminary list of courses)

Year 1	
CDI Introduction	6 credits
Digital Image Management	6 credits
Pre Production	6 credits
Research Methods and Communication	9 credits
Profile: Digital Compositing	
Rotoscoping and Plate Preparation	6 credits
Compositing I	9 credits
Compositing II	9 credits
On Set Supervision DC	9 credits
Profile: 3D Visualization	
3D I	9 credits
3D II	9 credits
3D Animation	6 credits
On Set Supervision 3D	9 credits
Year 2	
Final Project Work	9 credits
Off-Campus Integrating Theory and Practice I	12 credits
Off-Campus Integrating Theory and Practice II	15 credits
Post Production I, Flows and Processes	6 credits
Post Production II, Flows and Processes	9 credits
Profile: Digital Compositing	
Compositing III	9 credits
Profile: 3D Visualization	
3D III - Technical Direction	9 credits
3D III - Look Development	Oaradita

PREREQUISITES: General entry requirements include high school diploma. Proof of English proficiency is required.

For more detailed entry requirements, please visit  ${\bf www.ju.se}$ 

SCHOOL OF ENGINEERING

#### New Media Design

3 years 180 credits

Degree of Bachelor with a major in Informatics

The digital world of today and tomorrow provides vast and exciting opportunities for creatives, strategists and developers with cross-disciplinary skills within design, communication and technology. The New Media Design programme comprises courses in graphic design, visual communication, web development, information architecture and interaction design with an aim at the new interactive and digital media landscape. You'll learn to develop user friendly and communicative experiences and services to create value for enterprises, society and individual users. You will also gain a good foundation in marketing, entrepreneurship, leadership and communication with a focus on internationalization and a global working environment.

With a degree in New Media Design from Jönköping University you develop a good base for various roles such as graphic designer, front-end web developer, interaction designer and web strategist. Future workplaces could range from technologically advanced production companies to more traditional advertising agencies.

The programme also makes you eligible for further studies in the "User Experience Design and IT Architecture" master's programme at Jönköping University.

COURSES (NB Preliminary list of courses)

Year 1	
Graphic Design and Visual Communication I	15 credits
User Research	6 credits
Web and Interface Design	9 credits
Client-side Programming	15 credits
Economics and Entrepreneurship	6 credits
Marketing and Advertising	9 credits
Year 2	
Graphic Design and Visual Communication II	12 credits
Information Architecture	
Web Architecture and System Integration	12 credits
Motion Graphics	6 credits
Leadership and Group Dynamics	12 credits
Interaction Design	6 credits
Development Processes for Digital Channels	6 credits
Year 3	
Server-side Programming	9 credits
Leadership, Organization and Communication	
Portfolio and Visual Presentation	
Scientific Methods and Theories	6 credits
Final Project Work	15 credits
Internship	15 credits

PREREQUISITES: General entry requirements include high school diploma and specific demand on mathematics. Proof of English proficiency is required.

For more detailed entry requirements, please visit  $\, www.ju.se \,$ 

SCHOOL OF ENGINEERING

# Sustainable Supply Chain Management

3 years 180 credits

Bachelor of Science with a major in Industrial Engineering and Management

This programme equips you with knowledge and skills to tackle the complex issues that today's supply chains face. Specifically, the programme focuses on sustainability – one of the most significant concerns of supply chains in terms of business, society, and environment.

The programme is designed in a fashion that incorporates real-life issues regarding sustainability in several supply chain management related courses. Besides core courses in mathematics, the programme includes topics that cover various stages of supply chains from purchasing and production, to distribution and retailing. Our professional faculty ensure that you will gain a unique experience in the courses that strongly connect theory and practice. During the programme, you will also have the opportunity to spend at least a semester abroad, which will further broaden your international proficiency.

The programme educates future industrial engineers and executives with multi-disciplinary expertise who will be experts in managing sustainable supply chains.

COURSES (NB Preliminary list of courses)

Year 1

Introduction to Logistics and Materials Management		
Mathematical Analysis Linear Algebra and Optimization		
Scientific Methods		
Entrepreneurship, Business Planning, and Marketing  Operations & Quality Management	6	credi
Year 2		Ji Gui
Work, Human, Technology	9	credi
Corporate Social Responsibility	6	credi
Distribution Logistics	9	credi
Industrial Placement Course	12 c	credi
Mathematical Statistics	6	credi
Lean and Green Logistics	9	credi
Purchasing Logistics		
Year 3		
Sustainable Business Relationships	6	credi
Research Methodology	9	credi
Elective Courses		
Final Project Work	15 c	credi

PREREQUISITES: General entry requirements include high school diploma and specific demand on mathematics. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

#### **GRADUATE PROGRAMMES**

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### International Financial Analysis **EQUIS**





Master of Science with a major in Business Administration

The operation of financial markets is one of the most complex topics of study due to what underlies them: interactions among human beings. with all of their conceptions and misconceptions about the reactions of other human beings. This programme provides you with the theoretical background and the mathematical and empirical tools required for advanced financial analysis.

The education aims to provide students with advanced analytical skills suitable to support the financial operations of firms and financial institutions in general. The curriculum is especially designed to match the requirements faced by subjects operating in international markets, taking into account the need for continuous renewal and the constant development of the business environment.

This education prepares students for positions demanding advanced analytical skills in financial economics and statistics. Such positions are mainly found in the financial sectors but are also found in other parts of private and public sectors around the world.

COURSES (NB Preliminary list of courses)

Year 1	L
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Year 1	
International Portfolio Management and	
Investment Analysis	7.5 credits
Microeconomic Foundations of Economic and	
Financial Analysis	7.5 credits
Advanced Security Markets and Financial Contracts	7.5 credits
Advanced Topics in Finance	7.5 credits
Analytical Methods for Economic and Financial Analysis	7.5 credits
Derivative Securities	7.5 credits
Master Thesis in Business Administration	15 credits

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 90 ECTS credits in business administration, economics, industrial engineering and management, or equivalent. At least 60 FCTS credits must be in business administration and 15 ECTS credits in statistics or econometrics. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

# International Marketing EQUIS



1 vear 60 credits

Master of Science with a major in Business Administration

International Marketing is a programme that increases your ability to meet the marketing challenges companies face as a result of a changing competitive climate. Issues such as digitalization, globalisation and the rapid rate of change highlight the importance of an international setting and make renewal a central theme.

The programme has an emphasis on practice through course activities with corporate interaction combined with theoretical depth. During the year you will study topics ranging from the behaviour of consumers to the nature of the global economy. For example, you will be engaged in discussions about how consumers relate to and affect each other, how digital media influence planned communications, and how export is

The programme prepares you for an executive career in marketing taking on positions such as marketing manager, export manager/consultant, or international account manager.

COURSES (NB Preliminary list of courses)

#### Year 1

Tour 1	
Contemporary Issues in International Marketing	7.5 credits
Consumer Behaviour	7.5 credits
Marketing Research	7.5 credits
Market Communication in a Digital World	7.5 credits
Advanced International Marketing, Trade,	
and Export Management	7.5 credits
Master Thesis in Business Administration	15 credits
Globalisation of Economic Activity	7.5 credits

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 90 ECTS credits in business administration, economics, industrial engineering and management, or equivalent. At least 60 ECTS credits must be in business administration. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se



BART BERENDE/THE NETHERLANDS

#### KNOW YOUR NUMBERS AND SHOW YOUR CREATIVITY

PRODUCT MANAGER AT GARNIER, L'ORÉAL GROUP, THE NETHERLANDS

INTERNATIONAL MARKETING, JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

I live in Amsterdam and work as a product manager at Garnier. On a typical day I discuss new product launches with our marketing director, decide on future media strategies, and meet with the account manager of one our retailers to talk about the upcoming promotions of my brand. When my schedule allows for it, I like to grab a meeting room for myself to brainstorm creative ideas for upcoming campaigns.

My Master's in International Marketing at JIBS really helped me boost my marketing skills on an international level. Approaching marketing from an academic point of view without losing focus on the business perspective was a very valuable combination for me. I believe JIBS is a great place if you want a university that is on top of its game and follows the latest trends, which is key if you want to go into marketing.

Everybody is going digital, so as a marketeer it's important to know everything about the digital world. My advice to you who consider entering this field is to be enthusiastic and passionate about your brand. Know your numbers and show your creativity. It takes analytical skills, creativity, dedication and an entrepreneurial spirit to be successful. So be ready to work hard.

But don't forget to relax sometimes and enjoy the fun and beautiful city of Jönköping. It might not be the capital of the world, but it still has all the things in place for you to have a great time during your studies.

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### **International Logistics** and Supply Chain / 120 credits Management

2 years

Master of Science 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 informatics and economic geography. Students gain deep theoretical knowledge and understanding of the supply chain network, as well as the tools needed to analyse, develop and change such supply chains.

There is a strong connection between theory and the real world and students will enjoy continuous exposure to practice, exchange with practitioners, and gain insight from the faculty's internationally recognised research. Students are also introduced to live cases and participate in company visits. After graduating, you will be prepared for an international career in the areas of supply chain management and logistics.

#### COURSES (NB Preliminary list of courses)

Year 1	
International Distribution and Retailing	7.5 credits
Basics in Supply Chain Management	7.5 credits
Advanced Supply Chain Management -	
Supply Chain Integration and Alliances	7.5 credits
Advanced Research Methods in Business Administration	7.5 credits
IT-Enabled Changes in Supply Chain Management	7.5 credits
Logistics Firms and Logistics Services	7.5 credits
Globalisation of Economic Activity	7.5 credits
Humanitarian Logistics	7.5 credits
Year 2	
Studying abroad/Elective courses	30 credits
Master Thesis in Business Administration	

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 90 ECTS credits in business administration, economics, industrial engineering and management, or equivalent. At least 60 ECTS credits must be in business administration. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### IT, Management and Innovation



2 years 120 credits

Master of Science with a major in Informatics

This programme provides knowledge and skills in three key areas: project management, the use of IT in business, organisational and technological innovation, and the evaluation of IT in organisations.

The programme targets students with a bachelor degree in informatics/ information systems, business administration or computer science.

During the first semester, courses focus on project management and how to manage and evaluate information technology innovations. During this semester, students work on real-live projects in groups. The second semester provides deep theoretical knowledge and tools required for managing and analysing information technology and information

After successfully completing the programme, students will have acquired good analytical skills and the ability to think strategically in terms of both business and technology and be qualified to work in local or international companies as IT managers, chief information officers or as a researchers.

#### COURSES (NB Preliminary list of courses)

Year 1	
Information Technology and Innovation Management	7.5 credits
IT-Project Management in International Settings	7.5 credits
Project in Informatics	7.5 credits
Methods to Evaluate Information Technology Ventures	7.5 credits
Enterprise Modelling	7.5 credits
Entrepreneurial Governance of IT	7.5 credits
Entrepreneurial Performance Management and	
Information Technology	7.5 credits
Research Methods in Informatics	7.5 credits
Year 2	
Studying abroad/Elective courses	30 credits
Master Thesis in Informatics	
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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 informatics, business administration, computer science, computer engineering, information engineering, or equivalent. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se



#### Meet Mantautas Neniskis from Lithuania

STUDENT IN IT MANAGEMENT AND INNOVATION

I'm interested in creating something from scratch and have always wanted a job where I can develop websites and mobile applications. My education at Jönköping University has, in many ways, helped me get closer to this dream. I have learned how to manage projects, how to work in international groups, how to approach problems, and I can easily say that I've gained the knowledge I came for.

Studying here is quite different from what I'm used to. All my courses include group work and since the groups are very international I have really improved my skills in adapting to other students.

Rather than studying abroad at one of the school's partner universities, I chose to do an internship here in Sweden for a company called Höglands Logistik. My project partner and I were given the

assignment to renew the company's website, which was a great experience for me, to see how people work in the real world.

The environment and culture at IU is warm and friendly. There are many activities for students, such as debates, sports and a language café. As for lectures, the teachers help you to think differently and tackle the problem with a different approach. And you always

have the possibility to discuss problems directly with teachers, who are usually easy to reach via email or phone.

It's really fun to be a student here and you can easily spend all day on campus. You have places to eat, places to train, places to study, and you also have a student pub. You basically have almost everything within arm's reach.

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### Managing in a Global Context **EQUIS**



2 years 120 credits

Master of Science with a major in Business Administration

Managing in a Global Context is a programme specially designed to equip you with the knowledge and skills 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 crucial for success, and that social responsibility for sustainability and corporate entrepreneurship are crucial.

You develop the skills that are required to become a business leader, but also skills for other organisational roles, for example when leading projects and product development.

Through group and project oriented work you develop your planning and collaboration skills, and experience intercultural relations. Faculty with substantial experience in management research support the education. There are a wide range of careers you may pursue after graduation, such as: project leader, change manager, international business developer, or head of operations.

#### COURSES (NB Preliminary list of courses)

Year 1	
Advanced Leadership	7.5 credits
Contemporary Issues in a Globalising World	7.5 credits
Organising and Leading Change	7.5 credits
Advanced Research Methods in Business Administration	7.5 credits
Corporate Entrepreneurship and Strategic Renewal	7.5 credits
Information Management	7.5 credits
Family Business Development	7.5 credits
Corporate Social Responsibility	7.5 credits
Year 2	
Studying abroad/Elective courses	30 credits
Master Thesis in Business Administration	

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 90 ECTS credits in business administration, economics, industrial engineering and management, or equivalent. At least 60 ECTS credits must be in business administration. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### Urban, Regional and International **Economics**



2 years 120 credits

Master of Science with a major in Economics

This Master's programme in Economics provides a comprehensive education in the field of economics and provides a deepening education in the field of regional and international economics. Hence, the programme aims to build students' economic competencies with a special focus on regional and international issues. This focus is highly relevant to both developed and developing countries.

The education prepares students for positions demanding specialised analytical and methodological skills in economics. The students will thus be well prepared for positions requiring practical and scientific knowledge and the use of this knowledge in new models and methods.

#### COURSES (NB Preliminary list of courses)

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Year 1	
Mathematical Methods for Economics and	
Financial Analysis	7.5 credits
Microeconomic Foundations of Economic and	
Financial Analysis	7.5 credits
Advanced Macroeconomics and Growth	7.5 credits
Analytical Methods for Economic and Financial Analysis	7.5 credits
Economics of Cities and Spatial Methods	7.5 credits
Advanced Economic Geography	7.5 credits
Globalisation of Economic Activity	7.5 credits
Critical analysis and Academic Writing	7.5 credits
Year 2	
Advanced Econometric Analysis	7.5 credits
Entrepreneurship, Innovation, and Growth	7.5 credits
Applied Econometrics	7.5 credits
International Trade Analysis	7.5 credits
Studying abroad/Elective courses	30 credits
(elective requirement: 15 credits in economics at	
A1N and 7.5 credits in statistics/econometrics)	
Master Thesis in Economics	30 credits

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 economics, or equivalent. Furthermore, a minimum of 15 credits in statistics/econometrics is required. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se



#### Meet Shangqian Mao from China

STUDENT IN URBAN, REGIONAL AND INTERNATIONAL ECONOMICS

Studying here is totally different from what I thought it would be. The education is demanding and high-paced, which makes the studies challenging. The relationship between teachers and students is excellent, and when necessary, you can get advice and help from student counselors and faculty. It's easy to make an appointment to discuss a certain course or issue.

I have gained a lot of knowledge studying at JU and the university's practical approach has given me the opportunity to try out my newfound skills. Here I learn not only from the book but also from my teachers and my classmates. Apart from the education itself, the experience of working together with international individuals will help me tremendously when it comes to job hunting.

At the moment I have no clear picture of my future career, which I think is a quite common experience among us business school students. I guess, however, I will eventually focus on a specific area based on my course or project study, and then build from there until I find my place in the world of international business. I think the word that best describes Jönköping would be "cozy". There's a

huge difference compared to my home city of Wuhan, China, where it's crowded and high-paced. Here, there's no overcrowded subway, no industrial-smelling air, and no fast-moving bread-in-mouth morning commuters. Every step in this city can be calm and happy. It's an impressive experience and a feeling that I enjoy very much.



#### **Meet Steffen Kohler from Germany**

STUDENT IN STRATEGIC ENTREPRENEURSHIP

I chose to do my Master's at IIBS because of the university's international environment, its focus on entrepreneurship and its close collaboration with the industry. When you study here you immediately recognize that the students, as well as the teachers, come from all around the world. The school has a truly international character.

The university's hands-on approach means you often work on extensive group projects collaborating with regional and international companies, which is a great way to prepare yourself for your future career. In Corporate Entrepreneurship, which I think is one of the most interesting courses at JIBS, I developed entrepreneurial measures together with a local company in order to strengthen the company's competitive edge.

IIBS also offers excellent research on family business development. Once per year, a group of students attend the Family Enterprise Case Competition in Vermont, USA. Luckily I was given the chance to join this team and ended up spending lots of time together with my team members preparing our case.

I love to travel and JU's worldwide network of partner universities has given me the opportunity to study one semester at the University of Cape Town - Graduate School of Business. After my graduation I plan to travel for a couple of months before I enter the corporate world. Once I'm back home in Germany, I have been asked to join a start-up company in Berlin.

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### **Strategic** Entrepreneurship **EQUIS**



2 years 120 credits

Master of Science with a major in Business Administration

Strategic Entrepreneurship is a programme that helps you improve your entrepreneurial effectiveness, both in creating and launching new startups, and in identifying and developing opportunities within existing

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.

The education is designed using state-of-the-art research and offers practical experiences. You will have the opportunity to get acquainted with the Swedish business landscape and develop your own venture ideas in close collaboration with our Science Park.

A wide range of career opportunities await you after graduation, including: business owner/manager, entrepreneur, business developer, project leader or change manager.

#### COURSES (NB Preliminary list of courses)

Year I	
Entrepreneurial Growth	7.5 credits
Entrepreneuring; Person and Process	7.5 credits
Advanced Research Methods in Business Administration	7.5 credits
Creating a New Venture	7.5 credits
Advanced International Marketing, Trade, and	
Export Management	7.5 credits
Corporate Entrepreneurship and Strategic Renewal	7.5 credits
Entrepreneurial Finance	7.5 credits
Family Business Development	7.5 credits
Year 2	
Studying abroad/Elective courses	30 credits
Master Thesis in Business Administration	30 credits

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 90 ECTS credits in business administration, economics, industrial engineering and management, or equivalent. At least 60 ECTS credits must be in business administration. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### **Digital Business**



2 years 120 credits

Master of Science with a major in Business Administration

This Master's programme takes a broad business approach to the digitalization that shapes society. It addresses the new challenges that digitalization poses for companies and their employees with regard to business renewal and innovation, marketing and digital services.

Students gain knowledge to analyse how digitalization offers opportunities for strategic change as well as business and organizational development for both new and existing companies. In addition, the programme stimulates creative thinking around digitalization, business innovation and renewal.

The programme combines theoretical and real-world practical work, and has a multidisciplinary approach including competences in business administration, informatics and business law.

After graduating, students may be interested in working as managers for established companies, but also as entrepreneurs wanting to leverage the opportunities of the digital economy.

#### COURSES (NB Preliminary list of courses)

leal 1	
Understanding Digital Business	7,5 credi
Business Models and New Business Development	7,5 credi
Market Communications in a Digital World	7,5 credi
Organizing and Leading Change	7,5 credi
IT-based Tools for Market Analysis	7,5 credi
Information Technology and Innovation Management	7,5 credi
Law	7,5 credi
Research Methods	7,5 credi

Elective courses/further specialization, internships	
or study abroad30 cre	edi
Master Thesis 30 cre	edi

PREREOUISITES: 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 90 ECTS credits in business administration, economics, industrial engineering and management, or equivalent. At least 60 ECTS credits must be in business administration. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

# **Engineering Management**



1 year 60 credits

Master of Science with a major in Business Administration

This programme provides a specialised education in management for those holding a bachelor's degree in engineering. The programme prepares students for work in business positions that require a broad base of management understanding combined with technical knowledge. Therefore the programme addresses a wide range of management topics deemed necessary for an engineer to excel as a responsible business leader in various managerial roles.

Engineering Management is taught in collaboration between Jönköping International Business School and the School of Engineering and includes frequent corporate interaction to secure practical relevance as well as academic depth.

After graduation you will belong to an attractive group of graduates holding both engineering and management degrees. This will qualify you for a variety of jobs, especially managerial roles that require you to understand the technical processes of a company and lead projects, departments, plants, or whole firms. It will also increase your chances of realising your own business idea or being innovative within existing organisations.

#### COURSES (NB Preliminary list of courses)

Year 1	
Accounting & Finance for Managers	7.5 credits
Industrial Marketing and Supply Chain Management	7.5 credits
Leading people	7.5 credits
Master Thesis in General Management	15 credits
Research Methods in Management	7.5 credits
Strategic Entrepreneurship and Innovation	15 credits

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 90 credits in engineering or equivalent. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

SCHOOL OF ENGINEERING

# Production Development 2 years and Management 120 credits

Master of Science with a major in Production Systems

The manufacturing industry 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.

The 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 on various positions in the industry, within areas such as industrial engineering, production management, production planning, or logistics. You will also be prepared for doctoral studies.

#### COURSES (NB Preliminary list of courses)

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Year 1	
Industrial Product Realisation:	
Process - Methods - Leadership	9 credits
Human Factors Engineering	6 credits
Production Development:	
Strategy - System - Technology	15 credits
Integrated Product And Production Development	9 credits
Production Management	6 credits
Supply Chain Design	9 credits
Elective Course: Sustainable Production	6 credits
Flective Course: Mathematical Statistics	6 credit

The course Mathematical Statistics is compulsory to students entering the programme with less than 21 ECTS credits in Mathematics in order to obtain a master's degree.

#### Year 2

Change Management	9 credits
Industrial Placement Course	9 credits
Leadership	6 credits
Research And Inquiry Methodology	6 credits
Final project Work, Master	.30 credits

PREREQUISITES: The applicant must hold a bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 90 ECTS credits in mechanical engineering, industrial engineering and management, civil engineering, or equivalent. The bachelor's degree should comprise a minimum of 15 ECTS credits in mathematics. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

SCHOOL OF ENGINEERING

# Industrial Design

2 years 120 credits

Master of Science with a major in Product Development

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 visualisation. The courses have an interdisciplinary approach and are guided by the relationship between humans and products.

The programme provides you with the opportunity to use a variety of tools to quickly visualise ideas and concepts in order to develop your creativity in the design studio and through model workshops. Upon completion of the degree, you will be well prepared for work on industrial design projects, or as a consultant.

#### COURSES (NB Preliminary list of courses)

Year 1	
Design Communication 1	9 credit
Design Philosophy And Practice (Human Factors 1)	6 credit
Industrial Product Realisation:	
Process - Methods - Leadership	9 credit
Materials And Design	6 credit
Design Communication 2	9 credit
Ergonomics (Human Factors 2)	. 15 credit
Elective Course: Business And Economy	6 credit
Flective Course: Mathematical Statistics	6 credit

The course Mathematical Statistics is compulsory to students entering the programme with less than 21 ECTS credits in Mathematics in order to obtain a master's degree.

#### Year 2

Industrial Design Project	9 credits
Design Communication 3	6 credits
Industrial Placement Course	9 credits
Design And Emotion (Human Factors 3)	6 credits
Final Project Work, Master	30 credits

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 90 ECTS credits in mechanical engineering, civil engineering, architecture (with relevant courses in construction and design), or equivalent. The bachelor's degree should comprise a minimum of 15 ECTS credits in mathematics. A portfolio must be submitted, showing artistic skills and interest for design activities. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se



# Meet Jose Joshy Kallupurackal from India

STUDENT IN INDUSTRIAL DESIGN

I have always had the desire to craft something new and unique. I chose Jönköping University for my Master's because of the campus's unique flair. It's not every day that you meet and work closely with people from all over the world, but this is quite common at JU.

Studying here has taken my confidence to a whole new level. The teachers treat you as an equal and inspire you to study hard. Another advantage is that we mostly work on projects in close collaboration with companies. These partnerships allow us to work in a real-world office environment and provide us with great tools for our future careers. Through the unveristy's collaboration with Science Park we also get a unique chance to develop our ideas for real-world application.

In order to develop new ideas we often play outside the rules. For example, in the course Design Philosophy and Practice we were able to put the technical design perspective aside and focus on the artistic aspects of design. We had to present an art sculpture in a museum to the public and explain the meaning behind it, acting more like an artist than a designer. This exercise definitely helped us nurture our creativity.

The location of the university is perfect for a great student experience. It's a small city with many international students and a fantastic landscape with an exceptional view of Lake Vättern. People here are always ready to lend a hand and there is nothing more beautiful than a sunny day in Jönköping.



ALAN GONZALEZ/MEXICO

# I IMPLEMENT CASTING PROCESSES IN GM PLANTS ACROSS THE WORLD

#### WORK.

LEAD MANUFACTURING PROCESS ENGINEER AT GENERAL MOTORS IN BEDFORD, INDIANA, USA

#### FDUCATION:

PRODUCT DEVELOPMENT AND MATERIALS ENGINEERING

After graduating from JU in 2010, I entered General Motors' Engineering Center as a Design Engineer on the Heat Ventilation and Air Conditioning team. Now I work as a Lead Manufacturing Process Engineer.

From the conceptual design to the start of regular production, I help develop and implement casting processes in different GM plants across the world. I am in charge of setting up the process, debugging the equipment, and launching the new products while meeting quality metrics.

JU gave me the knowledge I needed to become technically sound in the foundry industry. Entering an industry that has been doing the same things the same way opens up possibilities to make a positive impact. The two JU courses that really helped me in my career were Advanced Materials Technology, which made me understand the uniqueness of each material and determine what material fits best in each situation, and Modeling and Simulation of Castings, which helped me grasp the design concepts in the science of castings, from software simulation to complex math calculations.

There are no shortcuts to success, just hard work. And remember that the people you encounter throughout your life and your education could become your bosses, your subordinates, your customers, or your suppliers, so always treat them the way you would like to be remembered.

SCHOOL OF ENGINEERING

# Product Development and Materials 120 credits Engineering

Master of Science with a major in Product Development

As competition between companies gets tougher and the number of products on the market increase, many come to realise the importance of product development and materials knowledge as competitive means.

This programme covers the entire product development process. 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.

#### COURSES

#### Year 1

#### Industrial Product Realisation:

Process - Methods - Leadership	9 credits
Materials And Design	6 credits
Non-Linear Finite Element Analysis	9 credits
Elective Course: Advanced CAD	6 credits
Elective Course: Multivariable Calculus	6 credits
Computer Programming For Design Automation	6 credits
Functional Materials And Surfaces	6 credits
Integrated Product Development	12 credits
Ontimisation Driven Design	6 credits

Students must choose Advanced CAD or Multivariable Calculus directly upon arrival. The course Multivariable Calculus is compulsory to students who have not studied multivariable calculus during their bachelor studies.

#### Year 2

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Advanced Materials Technology	6 credits
Computer Supported Engineering Design	9 credits
Industrial Placement Course	9 credits
Modelling And Simulation Of Casting	6 credits
Final Project Work Master	30 credits

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 90 ECTS credits in mechanical engineering, or equivalent. The bachelor's degree should comprise a minimum of 21 ECTS credits in mathematics. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

SCHOOL OF ENGINEERING

# Software Product Engineering

2 years 120 credits

Master of Science with a major in Product Development

This Master's programme gives students the knowledge and experience to lead software product teams and to act as senior developer, software architect, project manager, requirements engineer, test manager or system engineer. Students will be equipped to work in different software development situations - from major organisations to micro-businesses; from large enterprise software systems to small, specialised embedded software components; from Web-facing applications to back-end data processing. A practical track (e.g. Large-scale Information Systems, The Internet of Things, or Social Networking Technologies) is followed throughout the programme so that students can turn theory into handson engineering.

#### COURSES (NB Preliminary list of courses)

#### Year 1

#### Industrial Product Realisation:

Process - Methods - Leadership	9 credits
Software Engineering - a Product Perspective	6 credits
Software Product Architectures	7,5 credits
Entrepreneurial Performance Management and IT	7,5 credits
Engineering Socio-technical Systems 6	credits
Mathematics for Software Engineers	6 credits
Software Product Quality Assurance	6 credits
Product Development in Cross-Discipline Teams 1 & 2	6 credits
Safe and Secure Software Products	6 credits
Year 2	
Industrial Placement Course	9 credits
Product Development in Cross-Discipline Teams 3	9 credits
Product Specification and Requirements Management	6 credits
Final Thesis, Master	30 credits
Elective courses:	
User Experience Design	6 credits
Cloud Computing and Data Analytics	6 credits

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 90 ECTS credits in computer engineering, electrical engineering (with relevant courses in computer engineering), or equivalent. The bachelor's degree should comprise a minimum of 15 ECTS credits in mathematics. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

SCHOOL OF ENGINEERING

# User Experience Design 2 years and IT Architecture 120 credits

Master of Science with a major in Informatics

Personal devices such as tablets, smartphones, and wearables are replacing desktop computers at the workplace and in the home. Work is often done on the go, in a mobile and ever changing environment – switching from one device to another and moving first from the office to the bus stop, and then home.

The underlying information systems supporting this shift are changing too, introducing new constraints and goals. This requires a new mindset, a rethinking of the way IT solutions are designed and architected to transform enterprise objectives into a creative user experience and to deliver a supportive IT architecture.

This masters will equip you with knowledge and skills to tackle these challenges. You will learn user experience design, IT architecture and enterprise architecture. You will be able to design and develop mobile and server-side solutions, as well as learn to master the fundamentals of service design and cloud computing. With a degree in User Experience Design and IT Architecture you will be prepared to work in various roles such as user experience designer, interaction designer, information architect, IT architect or IT strategist, cloud solution architect, or enterprise architect. You will also be prepared for doctoral studies.

#### COURSES (NB Preliminary list of courses)

#### Year 1

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User Experience Design	6 credi
Industrial Product Realisation:	
Process - Methods - Leadership	9 credit
Development for Mobile, Wearable and Smart Devices	6 credit
Information Architecture and Semantic Technologies	6 credi
Development of Server-side Solutions	6 credit
Enterprise Architecture and IT Architecture,	7.5 credit
Cross-Channel User Experience and Service Design	6 credit
Entrepreneurial Performance Management and IT	7.5 credit
Product Development in Cross-discipline Teams 1	3 credit
Product Development in Cross-discipline Teams 2	3 credit
Year 2	
Industry Placement Course	9 credit
Product Specification and Requirements Management	6 credit
Product Development in Cross-discipline Teams 3	9 credi
Elective course:	
Cloud Computing and Data Analytics	6 credit
Software Engineering - a Product Perspective	6 credi
Final Thesis Work Master	20

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 90 ECTS credits in informatics, computer science, computer engineering, interaction design (with relevant courses in web programming), or equivalent. Proof of English proficiency is required.

For more detailed entry requirements, please visit  $\,\textbf{www.ju.se}\,$ 

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# Meet Atieno Dorothy Ansgar from Kenya

STUDENT IN INTERNATIONAL COMMUNICATION

I always dreamed of doing my Master's degree at a globally recognized university that attracts qualified and inventive people from all over the world. Being internationally oriented, I needed a university that could offer high academic standards and real-world relevance, an inspiring environment as well as excellent career competence. Jönköping University met all of my requirements.

I want to work within internationally recognised organisations and companies, or as a global cultures communication expert at an embassy or for the government. The programme's focus on media, global cultures, research and the changing international society has really prepared me for my future career.

Collaborations with universities across the globe have provided me with a global perspective and deeper understanding of Europe and the world, and have also given me the knowledge and the network I need to turn my ideas into concepts. I think it's great that JU uses the business world as a platform for education and integration, which provides students with an opportunity to get practical experience.

Student life at JU is wonderful! Emphasis is placed on teamwork and participation, which is very helpful for unity, sharing ideas and learning from others. The best thing about my education is the international experience I've gained from it, which is something nobody will ever be able to take away from me. JU will always be with me wherever I go.

SCHOOL OF EDUCATION AND COMMUNICATION

# International 1/2 year Communication 60/120 credits

Master of Social Science with a major in Media and Communication Science

This Master's programme is designed for students who want to deepen their knowledge within the field of Media and Communication and who wish to work in an international media and communications environment. The programme focuses on global, intercultural and sustainable communication in different settings, from journalism to organisational communication.

Combining theoretical and practical work, this international programme provides students with significant theoretical and methodological knowledge. After graduating, students may be interested in working for companies with a global and/or intercultural focus or strategy, for example as communication experts.

International Communication is offered as a 1-year (60 credits) and a 2-year (120 credits) programme. The 2-year programme gives students the opportunity to either study abroad at one of our partner universities or take eligible international courses offered at JU.

COURSES (NB Preliminary list of courses)

#### Year 1

Global Media Cultures	. 15 credits
Sustainable Communication	. 15 credits
Research Methods	. 15 credits
Master Thesis in Media and Communication Science	. 15 credits

Year 2

Please visit www.ju.se for information about courses during year two.

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 media and/or communication studies, journalism, or equivalent. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

SCHOOL OF FDUCATION AND COMMUNICATION

## EDUCARE The Swedish Preschool Model

Master of Science with a major in Education

As its name indicates, the Swedish approach to preschool (EDUCARE), integrates educational and care-giving practice to support the learning and development of children between the ages of one and six. The international master's programme in EDUCARE combines class-room-based instruction with field work in Swedish preschools, family centers and other early childhood education venues. The programme welcomes Swedish and international students. Programme instruction is in English.

Students who complete the programme will have expertise in the pedagogy and policies of EDUCARE. Given Sweden's standing as a world leader in early childhood education, graduates of the programme will be well positioned for employment as preschool educators, researchers, and leaders, whether they choose to purse their careers internationally or in Sweden. At the same time, students will leave the programme ready to pursue doctoral studies in early childhood education or related fields, as the programme provides a combination of rigorous research and field work, taught by PhD faculty from the Preschool Education and Research Group at Jönköping University's School of Education and Communication, as well as through guest lectures by national and international experts in the field.

COURSES (NB Preliminary list of courses)

#### Year :

The growth and development of the Swedish preschool.	
from social policy to educational policy	10 credits
Preschool educational/didactical perspectives focusing	
on play, exploration and learning	10 credits
Systematic documentation, analysis, and evaluation,	
and leadership in preschool	10 credits
Theory of Science and Scientific methods	15 credits
Thesis project (Empirical study)	15 credits

For entry requirements, please visit www.ju.se

SCHOOL OF EDUCATION AND COMMUNICATION
SCHOOL OF HEALTH AND WELFARE

# Interventions in Childhood

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60 credits

1/2 year 60/120 credits

Master of Science with a major in Child Studies. With specialization in one of the following areas: Disability Sciences, Health and Caring Sciences, Special Education, or Welfare and Social Sciences.

The Master's programme Interventions in Childhood offers an interdisciplinary education to provide effective interventions for children in need of support for their development, learning and functioning in everyday lifebeyond what is provided to all children.

The programme is based on an ecological perspective on child development, learning, and functioning. A critical perspective focusing on the individual, the environment, and their interrelationship, is emphasized. The programme addresses everyday life situations of children in various settings, including family, preschool/school, hospital, and community, and the connection between research and practical everyday work is stressed.

The programme is open for international and domestic students. It is closely connected to the CHILD (Children-Health-Intervention-Learning-Development) research programme at the Schools of Education and Communication and Health and Welfare at Jönköping University and associated with the Swedish Institute for Disability Research (SIDR).

The programme is designed to provide students with a good background for doctoral education, and for leadership roles in early childhood education and care, school-systems, early intervention/habilitation, special education, child healthcare, social services or other child related organizations.

Interventions in Childhood is offered as a 1-year (60 credits) and a 2-year (120 credits) programme.

COURSES (NB Preliminary list of courses)

#### Year 1

Introduction to Interventions in Childhood	15 cre	dits
Theory of Science and Scientific Methods	15 cre	dits
Developmental Sciences and Intervention Processes	15 cre	dits
Thesis (Systematic Literature Review)	15 cre	dits

#### Voor 2

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Research Strategies and Design Problems	7.5 credits
Children and Research Methods	7.5 credits
Team Collaboration and Child Participation	7.5 credits
Reading Course - Thesis Plan	7.5 credits
Elective Courses	15 credits
Thesis Work (Empirical Study)	15 credits

PREREQUISITES: The applicant must hold the minimum of a bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) within health and caring sciences, behavioural science, social work, or educational sciences, including independent, theoretical based work- i.e. a thesis or equivalent. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se

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SCHOOL OF HEALTH AND WELFARE

# Occupational Therapy

1 year 60 credits

Master of Science with a Major in Occupational Therapy

The Master's programme in Occupational Therapy is a part-time, web-based programme. Occupational therapy is a client- centered health profession concerned with promoting health and well-being through everyday activities. The programme will help students expand their knowledge in the field and develop professionally. Since it's a part-time programme you will be able to work while you study and keep close contact with your clinical practice. This is an important aspect and students are expected to keep close contact to clinical practice during the programme. The programme is quite flexible and the courses can be individually tailored to each student. You may choose to focus broadly on occupational therapy at large, or to narrow down your focus to a particular area of interest. Careers in occupational therapy range from positions within home care, private practices, health boards and hospitals to research centers, corporations, rehabilitation companies and within government sectors.

#### COURSES (NB Preliminary list of courses)

#### Year

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Theory of Science and Scientific Method	15 credits
Occupational Therapy, Theory I	7.5 credits
Occupational Therapy, Community-based Practice	7.5 credits
Occupational Therapy, Evidence-based Practice I	7.5 credits
An Occupational Perspective of Health I	7.5 credits
Occupational Therapy, Thesis	15 credits

PREREQUISITES: The applicant must hold the minimum of a Bachelor of Science (i.e. the equivalent of 180 ECTS credits at an accredited university) in occupational therapy. Proof of English proficiency is required.

For more detailed entry requirements, please visit www.ju.se



#### JIBS' Summer School

JIBS offers intensive summer courses at Bachelor's and Master's levels. The main goal is to provide students with academic and applied knowledge, to experience an international environment and to provide knowledge of Swedish culture through a rich programme of cultural and social activities.

The following courses are offered

•	international Entrepreneursing and	
	Venturing / Bachelor's level	.10 credits
	International Logistics and Supply Chain	
	Management / Bachelor's level	.10 credits
	Developing Dynamic Family	
	Enterprises / Master's level	5 credits

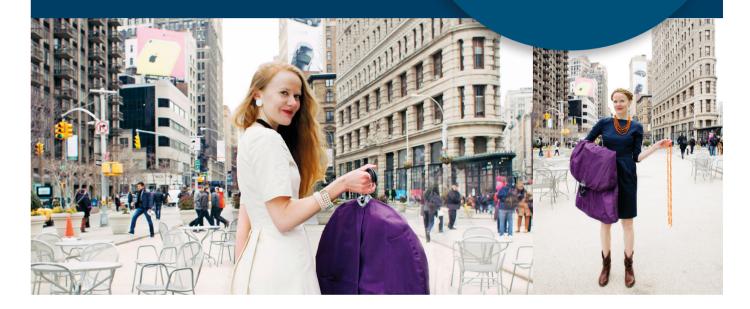
Please visit **www.jibs.se/summerschool** for more information and updates about the courses and the programme.

# CONNECTS YOU TO THE REAL WORLD!

#### **SCIENCE PARK**

Science Park will support you with anything from finding the right business model and the right team for your business, to finding the funds you need to make it grow.

Science Park offers free guidance and working space for startups.



MAJA SVENSSON/SWEDEN/STUDIED AT JÖNKÖPING INTERNATIONAL BUSINESS SCHOOL

#### FROM JÖNKÖPING TO NYC

Today I live in New York and run my own business; a clothing brand named Elsa and me. I named it after my grandmother Elsa, inspired by her very elegant and timeless style. Elsa and me offers custom ladylike dresses for work and party, and its dresses aim to empower women to feel feminine and fulfilled in their everyday life.

If it hadn't been for JIBS I wouldn't have been where I am today. I chose JIBS because of the international profile. I had become increasingly interested in both studying and working abroad, and JIBS was the only school in Sweden that offered such opportunities – both an international environment at "home" in Jönköping, as well as a vast, and interesting exchange programme. Even though I majored in economics during my time at JIBS, this was also

the time when my entrepreneurial spirit came to life.

Outside of my studies at JIBS the school encouraged extra curricular activities, and together with fellow students I founded an organisation that aimed to enhance entrepreneurship amongst young women. JIBS was part of me realising I really enjoyed entrepreneurship, and that I wanted to run my own business one day. Why New York? New York is one of the most entrepreneurial cities in the world,

and I was lucky enough to get an internship here at the Consulate General of Sweden after my studies at JIBS. Shortly thereafter, I got my first job at Invest Sweden in New York. On the side, the dream of starting my own business had begun to take shape, through a combination of meetings with entrepreneurs and simply living in a city with incredible energy. In January 2012 I left my corporate job to run my business full time. And the rest is history.







For more information and online application visit www.ju.se or contact study@ju.se

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