JÖNKÖPING UNIVERSITY
School of Engineering

Sweden
Sverige

START YOUR EXCHANGE JOURNEY HERE

SCHOOL OF ENGINEERING
2019/2020

JÖNKÖPING/

In Jönköping, there's something for everyone. Here, you can enjoy a whole range of activities - from sport or culture, to Dreamhack - the world's largest digital festival. We hope that you will come to our city and discover your own favorite places and things to do.

3 REASONS TO CHOOSE JÖNKÖPING UNIVERSITY

1
INTERNATIONAL ENVIRONMENT
Jönköping University is one of Sweden's leading universities in the area of internationalisation and has an extensive exchange programme with approximately 350 partner universities worldwide.

2
GLOBAL CAREER
Did you know that Sweden is the birthplace of many world-shaping companies? Why not kick-start a global career by studying at Jönköping University?

SWEDEN

140,000 inhabitants
11,000 of them are
students at JU
▼

3 PRACTICAL WORK EXPERIENCE

The university uses the business world as a platform for education- and many courses incorporate internships, company visits, guest lectures, case studies, etc. for students to gain real world experience and create a network.

JU Solar Team consisting of twenty-five ▶ students with different backgrounds, education and experience competed with their own-built solar car in Bridgestone World Solar Challenge 2017. They finished in eighth place!

Sweden is known for being a clean, beautiful country, covered with lakes and forests. It's inhabited by 10 million people who are friendly, open-minded and welcoming. This is all true. What you have heard about high living standards and low crime rates is true as well. Furthermore, Sweden is an international powerhouse in the fields of design and music, boasting acts such as Avicii, Robyn and Icona Pop. Lots of great innovations originated in Sweden, for example TetraPak, the pacemaker, Skype and Spotify. And let's not forget IKEA.

Sweden · Helsinki · Oslo · St Petersburg · Stockholm · Gothenburg · Jönköping University · Copenhagen · London · Berlin · Warsaw · Paris

A UNIVERSITY OF GLOBAL OPPORTUNITY

Jönköping University is one of Sweden's leading universities in the area of internationalisation and has an extensive exchange programme with approximately 350 partner universities world-wide. The campus has a truly international and academic environment with students and staff from all parts of the world.

SCHOOL OF ENGINEERING

The School of Engineering is one of Sweden's leading educators in the field of engineering and a member of the CDIO initiative, which is a prestigious collaboration between leading engineering schools worldwide. 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, globalized world. Thanks to a close collaboration with regional industry and an extensive host company programme, which includes a vast number of partners of different size and from different industries, the school offers excellent internship, summer job, Final Project Work and research opportunities.

JU SUMMER SCHOOL

The main goal of the summer school is to provide 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. Read more and apply at **ju.se/summerschool**

PROGRAMMES AT SCHOOL OF ENGINERING

PROGRAMMES CONDUCTED IN SWEDISH

A number of courses within the programmes are offered in English for exchange students.

Higher Education Diplomas - 120 credits
• 3D Technology
• Product Development with Furniture Design

Bachelor programmes - 180 credits
• IT Infrastructure and Network Design
• Lighting Design

Bachelor of Science/Engineering programmes - 180 credits
• Architectural Engineering
• Building Projects/Construction Engineering
• Embedded Systems
• Industrial and Production Management
• Logistics and Management
• Product Development and Industrial Design
• Software Engineering and Mobile Platforms

Master programme - 300 credits
• Industrial Product Realisation

PROGRAMMES CONDUCTED IN ENGLISH

Bachelor programme - 180 credits
• New Media Design

Bachelor of Science/Engineering programme - 180 credits
• Sustainable Supply Chain Management

Master programmes - 60 credits
• Materials and Manufacturing

Master programmes - 120 credits
• AI Engineering
• Industrial Design
• Product Development and Materials Engineering
• Production Development and Management
• Sustainable Building Information Management
• User Experience Design

STUDIES AT JÖNKÖPING UNIVERSITY

CREDITS AND WORKLOAD

In Swedish higher education, the workload of a course is based on the amount of credits that a course is worth. 1.5 credits is equivalent to approximately 40 hours (1 week) of work, which includes lecture hours, group work, seminars, homework etc. Students participating in exchange will receive full credit for all academic work successfully carried out during their exchange semester. Full time study is 30 credits per semester which is equivalent to 30 ECTS credits.

ACADEMIC CALENDAR

The academic year consists of 40 weeks, divided into two semesters: August – January (autumn semester) and January – June (spring semester). There are no holidays during the semesters.

EXAMINATIONS AND RE-EXAMINATIONS

There are different forms of examinations in the courses. Examinations can be scheduled on weekdays, evenings as well as Saturdays or Sundays. Jönköping University allows students to take re-examinations in failed courses. However, re-examinations can only be taken at Jönköping University.

ACADEMIC CALENDAR

AUTUMN SEMESTER 2019	SPRING SEMESTER 2020
Arrival and pick-up service: 15 - 18 August	Arrival and pick-up service: 4 - 5 January
Introduction week (compulsory): 19 - 25 August	Introduction week (compulsory): 7 - 10 January
Welcome meeting (compulsory): 19 August	Welcome meeting (compulsory): 7 January
Course period including regular examinations: 26 August - 17 December	Re-examination period: 8 - 16 February
Re-examination period: 4 - 12 January 2020	Course period including regular examinations: 13 January - 31 May
	Re-examination period: 1 - 7 June

APPLICATION AND PREREQUISITES

HOW TO APPLY

Once you have been nominated by your home university, you will receive information about how to apply in our online application.

COURSES

Course syllabuses, including the prerequisites, can be found on our website. You need to have the majority of your courses at the school to which you have been nominated to. School of Engineering reserves the right to limit exchange student enrollment in courses. Please be aware that courses may be cancelled if the minimum number of participants is not reached.

LANGUAGE REQUIREMENTS

Although language test scores are not formally required, all students are expected to meet the minimum English requirements of School of Engineering, see the website for details. The home institution is responsible for ensuring the students' fluency in English. Students without the adequate level of English run the risk of failing the courses.

PREREQUISITES

The general prerequisite for bachelor exchange students is at least one year of completed university studies at the home institution before the exchange semester. For applicants interested in master level courses, we require qualifications equivalent of a bachelor degree of at least three years.

Read more about exchange studies at:
JU.SE/EXCHANGESTUDIES
or contact International Relations Office at:
incoming.student@ju.se

PLEASE NOTE

Lectures and examinations can be scheduled until the 17 of December at School of Engineering. Re-exams can be scheduled in January. Please take this into consideration when planning your departure.

CAMPUS

HERE, YOU'LL MEET THE WORLD.

Our campus is located in the heart of the city, with everything you need at your fingertips. On campus, there are plenty of opportunities to hang-out, party, meet and study. If you're in Jönköping, you're close to JU!

BY STUDENTS – FOR STUDENTS

The Student Union is run by students, for students. Jönköping Student Union collaborates with the schools' student associations, and is well represented in various decision-making bodies, providing students with a genuine opportunity to affect decisions regarding their education. For more information, visit **jonkopingsstudentkar.se**

INTRODUCTION WEEK

One of the first things you will experience is Introduction Week – an event for all new students to feel welcome, get to know each other through a variety of social activities, and of course, get prepared for their future studies. The event has been rated one of the best in Europe.

ACCOMMODATION OFFICE

The Accommodation Office will help you find a place to live. Jönköping University guarantees accommodation to all new arriving international students that have been admitted, provided that you have applied for accommodation and registered your arrival within the set deadlines. The accommodation guarantee only applies to the registered student. Family members are not included in the guarantee. You will receive information about this once you've been accepted to Jönköping University.
For more information: **ju.se/accommodation**

ARRIVAL AND PICK-UP SERVICE

At Jönköping University, we offer a pick-up service for all new international students if you arrive in Jönköping on the pick-up dates. This means that we will meet you, for example, at the local airport or train/bus station, bring you to the university and get you settled into your accommodation. You can read more at **ju.se/pickup**.

AT YOUR SERVICE!

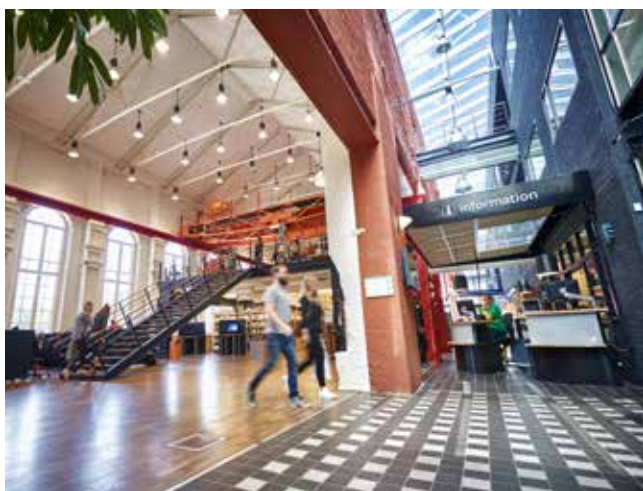## SPECIAL EDUCATIONAL SUPPORT

Jönköping University facilitate special educational support for students with disabilities.

INTERNATIONAL RELATIONS OFFICE (IRO)

The IRO cooperates with universities all over the world to offer you the possibility to study abroad. IRO guides you before, during and after your exchange period.

SERVICE CENTER

The Service Center will help you with general study related questions, course certificates or if you just need to find the way to your lecture-room. If they cannot answer your question directly, they'll make sure to guide you to the right place.

ACADEMIC RESOURCE CENTER

The Academic Resource Center is open to all students at Jönköping University who want to develop their skills in all types of written and oral assignments, in all subjects, and at all levels. We support you in the process and give you the tools to further develop your text independently.

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.

▶ **SEE FULL LIST OF SERVICES ON** JU.SE

GOOD THINGS TO KNOW:

HEALTH INSURANCE

Exchange students admitted to JU receive a supplementary health insurance, which covers emergency medical and dental care (conditions apply).

For more information please visit **JU.SE/STUDENTHEALTHCARE**

COST OF LIVING

Living costs in Sweden depend largely on your individual life-style. As a student in Jönköping, it is recommended that you have around 8500 SEK per month, covering the following (the prices below are approximate):

- Accommodation: 3,000-6,500 SEK depending on location
- Food: 2,000 SEK
- Phone: 300 SEK
- Monthly bus tickets: 480 SEK
- Laundry and hygiene: 250 SEK
- Clothing, hobbies, leisure: 750 SEK.

All students, including exchange students, are required to pay the obligatory student union membership fee, which is approximately 300 SEK per semester.

Compare your city's cost of living with the costs in Jönköping at **numbeo.com**

VISA/RESIDENCE PERMIT

Students from countries whose citizens are required to have a visa/residence permit are advised to contact the Swedish embassy or consulate in their home country to start their application for a student visa, which is a procedure that can take two months or more. Students are recommended to apply online. In order to apply for a VISA, you need to have a full-time study load, 30 ECTS for one semester.

For more information visit: **migrationsverket.se**

Patricia Alonso Muela

former exchange student at JU from Escuela Técnica Superior de Ingeneiros Industriales (ETSII), Universidad Politécnica de Madrid (UPM) Spain.

WHY DID YOU CHOOSE TO GO ON EXCHANGE?

I wanted a unique experience that improved my language skills, made me more independent and opened my mind to a new culture and a new way of working.

WHAT IS THE BEST THING ABOUT JÖNKÖPING UNIVERSITY?

It has to be the international environment and the student life – there are lots of student associations and activities to do, which makes it easy to meet new people. Also, the facilities here are amazing: the library, the student restaurants, the computer labs. Everything is open 24/7. JU has done a great job with their computer system here, you can log on and work anywhere on campus.

WHAT IS YOUR FAVOURITE MEMORY?

Meeting new people through all the student activities I did, for example the elk safari and the fun student nights in RIO (the Student Union's bar).

WOULD YOU RECOMMEND EXCHANGE STUDIES TO OTHER STUDENTS?

Yes, I would, and I would especially recommend JU as I felt more comfortable with the learning system there and their grading system was also more practical than the one in Spain. Furthermore, JU has a career centre that can help with your CV and prepare you for job interviews. It's a good idea to come here for your final year of studies, so that you can get ready for setting out on your future career!

"Academically, it was fun doing so many group works and discussions because people had different beliefs."

– Satisfied exchange student

EXPLANATION OF COURSE LEVELS

BACHELOR LEVEL

G1N - First cycle, has only upper-secondary level entry requirements

G1F - First cycle, has less than 60 credits in first cycle courses as entry requirements

G1E - First cycle, contains specially designed degree project of Higher Education Diploma

G2F - First cycle, has at least 60 credits in first cycle courses as entry requirements

G2E - First cycle, has at least 60 credits in first cycle courses as entry requirements, contains degree project for Bachelor of Arts/Bachelor of Science

MASTER LEVEL

A1N - Second cycle, has only first cycle course(s) as entry requirements

A1F - Second cycle, has second cycle course(s) as entry requirements

A1E - Second cycle, contains degree project for Master of Arts/Master of Science (60 credits)

A2E - Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)

APPLY NOW!
OR AT THE LATEST:

NOMINATION DEADLINE (for Partner Universities)	**APPLICATION DEADLINE** (for students)
Autumn 2019 **25 APRIL**	Autumn 2019 **1 MAY**
Spring 2020 **10 OCTOBER**	Spring 2020 **15 OCTOBER**

Jönköping University is recognised as an Elite Athlete Friendly University by the Swedish Sports Confederation. In collaboration with them and The Special Sports Federations, we offer an elite athlete support scheme. You can join JU's own rowing team, play cricket or why not hockey?

In September 2019, Jönköping University will host the European University Rowing championships. Around 500 athletes representing over 80 universities, from 21 European countries will compete in Jönköping in multiple rowing events.

COURSES – AUTUMN 2019

BACHELOR LEVEL	COURSE CODE	CREDITS	LEVEL	PERIOD
COMPUTER SCIENCE AND INFORMATICS				
Client-Server Communication	TSPK18	7,5	G1F	Aug 19 - Oct 20
Client-side Programming 1	T1KK18	7,5	G1N	Oct 21 - Jan 13
Custom Project Management	TPNK18	7,5	G1F	Oct 21 - Jan 12
Digital Marketing and Social Media	TDMK19	7,5	G1F	Aug 19 - Oct 20
Engineering of Socio-technical Systems	TUSG15	6	G1N	Nov 04 - Jan 12
Fundamentals of Graphic Dessign	TGGG18	7,5	G1N	Aug 19 - Jan 12
Information Architecture	TAUK17	7,5	G1F	Oct 21 - Jan 12
Information Security	TIAN19	7,5	G2F	Oct 21 - Jan 12
Introduction to Script Programming	TSPG17	7,5	G1N	Oct 21 - Jan 12
iOS Development	TISK18	7,5	G1F	Oct 21 - Jan 12
Motion Graphics	TMGN17	7,5	G2F	Oct 21 - Jan 12
Network Programming	TNPK18	7,5	G1F	Oct 21 - Jan 12
Object-oriented Software Development with Design Patterns	TOUK18	7,5	G1F	Aug 19 - Oct 20
Operating Systems	TOSK18	7,5	G1F	Oct 21 - Jan 12
Research Methods in Computer Science and Informatics	TFIN18	7,5	G2F	Oct 21 - Jan 12
User Research	TABG17	7,5	G1N	Aug 19 - Oct 20
Web and User Interface Design	TWUG17	7,5	G1N	Aug 19 - Jan 12
Web Development Fundamentals	TGWK18	7,5	G1F	Aug 19 - Oct 20
Wireless Networks	TTNK19	7,5	G1F	Aug 19 - Oct 20
CONSTRUCTION ENGINEERING				
Architectural Engineering	TATN19	6	G2F	Aug 19 - Jan 12
BIM 1 Modelling and Presentation	T1BG17	6	G1N	Aug 19 - Jan 12
Energy and Building Services Engineering	TEIN19	6	G2F	Aug 19 - Oct 20
Housing Design	TBUK18	6	G1F	Aug 19 - Oct 20
INDUSTRIAL ENGINEERING AND MANAGEMENT				
Corporate Social Responsibility	TCSK19	7,5	G1F	Oct 21 - Jan 12
Innovative Production Systems Development	TUIN18	7,5	G2F	Oct 21 - Jan 12
IT Service Management	TSMN19	7,5	G2F	Aug 19 - Oct 20
Leadership and Project Management	TLPG18	7,5	G1N	Oct 21 - Jan 12
Lean and Green Engineering	TLGK19	7,5	G1F	Aug 19 - Oct 20
Logistics Engineering	TTOG18	7,5	G1N	Aug 19 - Oct 20
Principles of Sustainable Supply Chain Management	TSSG18	7,5	G1N	Oct 21 - Jan 12
Research Methods and Communication	TFKG18	7,5	G1N	Aug 19 - Oct 20
Transportation and Warehousing	TTLN18	7,5	G2F	Aug 19 - Oct 20
Work-Human-Technology*	TAMK19	7,5	G1F	Aug 19 - Oct 20
LIGHTING DESIGN				
Daylighting	TDPN19	15	G2F	Oct 21 - Jan 12
Lighting for Expo and Events	TLEN18	15	G2F	Oct 21 - Jan 12
Lighting Masterplan	TPSN19	9	G2F	Aug 19 - Oct 20
Luminaire Design	TLDN18	9	G2F	Aug 19 - Oct 20
MECHANICAL ENGINEERING				
Component Casting	TKGK19	7,5	G1F	Oct 21 - Jan 12
Manufacturing Technology	TTVK18	6	G1F	Aug 19 - Jan 12
GENERAL COURSES				
Computer Simulation in Physics and Engineering	TDSK16	6	G1F	Oct 21 - Jan 12
Intercultural and International Communication	TIKG18	7,5	G1N	Oct 21 - Jan 13
Linear Algebra and Optimization	TAOG19	7,5	G1N	Oct 21 - Jan 12
Multivariable Calculus	TFVK17	7,5	G1F	Aug 19 - Oct 20
Swedish Language, Culture and Society 1	TS1G15	7,5	G1N	Aug 26 - Oct 27
Swedish Language, Culture and Society 2	TS2K15	7,5	G1F	Oct 28 - Dec 29

MASTER LEVEL	COURSE CODE	CREDITS	LEVEL	PERIOD
COMPUTER SCIENCE AND INFORMATICS				
Artificial Intelligence	TARI29	7,5	A1N	Aug 19 - Oct 20
Cloud Computing and Data Analytics	TCCR26	6	A1N	Sep 30 - Nov 03
Data Science	TDSR29	7,5	A1N	Oct 21 - Jan 12
Development for Mobile, Wearable and Smart Devices	TDWR29	7,5	A1N	Oct 21 - Jan 12
Mathematics for Intelligent Systems		6	A1N	Oct 21 - Jan 12
Product Development in Cross-discipline Teams – 1	TP1S29	3	A1F	Oct 21 - Jan 12
Product Specification and Requirements Management	TPKS26	6	A1F	Nov 04 - Jan 12
User Experience Design	TUER29	7,5	A1N	Oct 21 - Jan 12
INDUSTRIAL DESIGN YEAR 1 - SEMESTER 1***				
Design Communication 1	TD1R29	9	A1N	Aug 19 - Jan 12
Materials and Design	TMDR26	6	A1N	Oct 21 - Jan 12
INDUSTRIAL DESIGN YEAR 2 - SEMESTER 3***				
Design and Emotion (Human Factors 3)	TDUS28	6	A1F	Aug 19 - Jan 12
Design Communication 3	TD3S29	6	A1F	Oct 07 - Jan 12
Industrial Design Project	TIDS27	9	A1F	Oct 07 - Jan 12
MATERIALS AND MANUFACTURING (ONLINE DISTANCE LEARNING)				
Analysis of Casting Defects	TGAS27	3	A1F	Sep 30 - Nov 03
Component Casting	TGJK17	6	G1F	Aug 19 - Oct 13
Environmental Impact Assessment of Castings	TMGS27	3	A1F	Dec 02 - Jan 12
Melting and Casting of Ferrous Alloys	TSGR26	3	A1N	Oct 07 - Nov 03
Moulding Materials in Foundry Technology	TGFS26	3	A1F	Nov 04 - Dec 01
PRODUCT DEVELOPMENT AND MATERIALS ENGINEERING				
Advanced CAD	TACR26	6	A1N	Aug 19 - Oct 20
Computer Programming for Design Automation	TPAR27	6	A1N	Aug 19 - Jan 12
Computer Supported Engineering Design	TDKS27	9	A1F	Oct 21 - Jan 12
Materials and Design	TMDR26	6	A1N	Oct 21 - Jan 12
Microstructural Engineering	TMER27	6	A1N	Aug 19 - Oct 20
Modelling and Simulation of Casting	TMSS27	6	A1F	Oct 21 - Jan 12
Non-linear Finite Element Analysis	TOLR28	6	A1N	Oct 21 - Jan 12
PRODUCTION DEVELOPMENT AND MANAGEMENT				
Human Factors Engineering*	TMTR28	7,5	A1N	Oct 21 - Jan 12
Production Development I, Strategy and System	TP1R28	9	A1N	Aug 19 - Oct 20
Production Development II, Methods and Tools	T2PS28	7,5	A1F	Oct 21 - Jan 12
SUSTAINABLE BUILDING INFORMATION MANAGEMENT				
BIM - Requirements and Specifications	TBRS28	7,5	A1F	Oct 21 - Jan 12
Sustainability, Analyses and Simulations	THAR28	9	A1N	Aug 19 - Oct 20
GENERAL COURSES				
Industrial Product Realization in Collaboration	TIPR28	6	A1N	Aug 19 - Oct 20

COURSES – SPRING 2020

BACHELOR LEVEL	COURSE CODE	CREDITS	LEVEL	PERIOD
COMPUTER SCIENCE AND INFORMATICS				
Android Development	TAGK19	7,5	G1F	Jan 13 - Mar 22
Client-side Programming 2	T2KK19	7,5	G1N	Jan 13 - May 31
Graphic Design Project	TPJK19	7,5	G1N	Jan 13 - May 31
Interaction Design	TINK18	7,5	G1F	Jan 13 - May 31
Marketing Communication	TMCK18	7,5	G1F	Mar 23 - May 31
Research Methods in Computer Science and Informatics	TFIN18	7,5	G2F	Jan 13 - Mar 22
Scientific Literature Search	TVEK18	3	G1F	Mar 23 - May 31
Web Development - Advanced Concepts	TFWN19	7,5	G2F	Jan 13 - Mar 22
CONSTRUCTION ENGINEERING				
Geographical Information Systems	TGIK18	6	G1F	Jan 13 - Mar 22
History of Architecture	TAHK18	3	G1F	Mar 23 - May 31
Urban Space	TSDN18	6	G2F	Jan 13 - Mar 22
INDUSTRIAL ENGINEERING AND MANAGEMENT				
Business Planning and Entrepreneurship	TBPG19	7,5	G1N	Jan 13 - Mar 22
Purchasing and Supply Chain Management	TIFN18	9	G2F	Jan 13 - Apr 05
Quality Management and Engineering	TKYK19	7,5	G1F	Mar 23 - May 31
Research Methodology	TUMN19	7,5	G2F	Jan 13 - Mar 22
Retailing	TDHN18	9	G2F	Jan 13 - Apr 05
Sustainable Business Relationships	THAN19	7,5	G2F	Mar 23 - May 31
MECHANICAL ENGINEERING				
Basic FEM Analysis	TFMK19	7,5	G1F	Jan 13 - Mar 22
Basic Thermodynamics and Transport Phenomena	TGTK19	3	G1F	Jan 13 - Mar 22
Engineering Materials	TKSK18	7,5	G1F	Jan 13 - Mar 22
Mechanics 2	T2MK10	7,5	G1F	Jan 13 - Mar 22
Sustainability in Product Development	THUK19	7,5	G1F	Jan 13 - Mar 22
GENERAL COURSES				
Basic Calculus	TGAG19	7,5	G1N	Jan 13 - Mar 22
CAD-Solid Modelling, Basic Level Modelling	TCSG19	7,5	G1N	Jan 13 - May 31
Intercultural and International Communication	LIIG19	7,5	G1N	Jan 20 - Mar 29
Mathematical Statistics	TMAK17	6	G1F	Jan 13 - Mar 22
Swedish Language, Culture and Society 1	TS1G15	7,5	G1N	Jan 20 - Mar 29
Swedish Language, Culture and Society 2	TS2K15	7,5	G1F	Mar 30 - Jun 07

MASTER LEVEL	COURSE CODE	CREDITS	LEVEL	PERIOD
COMPUTER SCIENCE AND INFORMATICS				
Design of Smart Enterprises	TSF428	7,5	A1N	Jan 13 - Mar 22
Digital Transformation and Renewal	TDTR29	7,5	A1N	Mar 23 - May 31
Embedded and Distributed AI	TEDS20	7,5	A1F	Mar 23 - May 31
Machine Learning	TMLS20	7,5	A1F	Jan 13 - Mar 22
Product Development in Cross-discipline teams 2	TP2S20	6	A1F	Jan 13 - May 31
Software Product Quality Assurance	TSPR20	9	A1N	Jan 13 - May 31
INDUSTRIAL DESIGN YEAR 1 - SEMESTER2*				
Business and Economy	TFEK17	6	G1F	Jan 13 - Mar 22
Design Communication 2	TD2S20	9	A1F	Jan 13 - May 31
Ergonomics (Human Factors 2)	TERS27	15	A1F	Jan 13 - May 31
INDUSTRIAL DESIGN YEAR 2 - SEMESTER4*				
Final Project Work in Product Development**	TEUV24	30	A2E	Jan 13 - May 31
MATERIALS AND MANUFACTURING (ONLINE DISTANCE LEARNING)				
Cast Design and Calculation	TGKS26	3	A1F	May 04 - May 31
Failure Analysis	THAS26	6	A1F	Mar 09 - May 03
Material Testing and Characterisation	TMRR28	6	A1N	Jan 13 - Mar 08
PRODUCT DEVELOPMENT AND MATERIALS ENGINEERING				
Functional Materials and Surfaces	TFYS29	7,5	A1F	Jan 13 - Mar 22
Integrated Product Development 2	TI2S29	7,5	A1F	Mar 23 - May 31
Integrated Product Development I	TI1S29	7,5	A1F	Jan 13 - Mar 22
Optimization Driven Design	TODS29	7,5	A1F	Mar 23 - May 31
PRODUCTION DEVELOPMENT AND MANAGEMENT				
Integrated Product and Production Development	TPPS29	9	A1F	Jan 13 - Mar 22
Production Management	TPLS29	7,5	A1F	Mar 23 - May 31
Supply Chain Design	TUFS29	7,5	A1F	Mar 23 - May 31
Sustainable Production	THPS29	6	A1F	Jan 13 - Mar 22
SUSTAINABLE BUILDING INFORMATION MANAGEMENT				
Advanced Building Information Modeling	TABS29	6	A1F	Jan 13 - Mar 22
Parametric Design and GIS	TPDR28	7,5	A1N	Jan 13 - Mar 22

EXPERIENCE SWEDEN IN THE SUMMER

JU SUMMER SCHOOL 2019

Purchasing Logistics with a Global Perspective   CREDITS: 10   DATE: 3 – 28 June

For more details, visit **ju.se/summerschool**

* The courses Work-Human-Technology and Human Factors Engineering have overlapping content so therefore students cannot register for both courses.

** Students interested in doing a Final Project Work must submit their application, specifying project level (Bachelor or Master) and research area. School of Engineering cannot guarantee to find a supervisor and/or a project. Only the Department of Industrial Product Development, Production and Design as well as Department of Materials and Manufacturing and their research areas can offer Final Project work. For further important information, please see **ju.se/student/en/studies/thesis-examination-paper**

*** Courses within Industrial design is only available for students admitted to a program in Industrial Design within Mechanical Engineering at the home university. Applicants must attach their portfolio to the exchange application. Limited number of places. The courses are studied in 'semester blocks' and can not be taken separately.

**** It is strongly recommended that the applicant has basic knowledge in BIM, for example BIM-based software such as Revit, ArchiCad or equivalent.

Classes and exams for courses with end date January 12 will finish before Christmas but there can be assignments with deadline January 12.

This is an overview of the courses expected to be offered in the academic year 2019-2020. If there are additions or cancellations, these will be updated on our website. **JU.SE**

JU.SE

For more information and online application
visit **ju.se/exchangestudies** or contact
incoming.student@ju.se