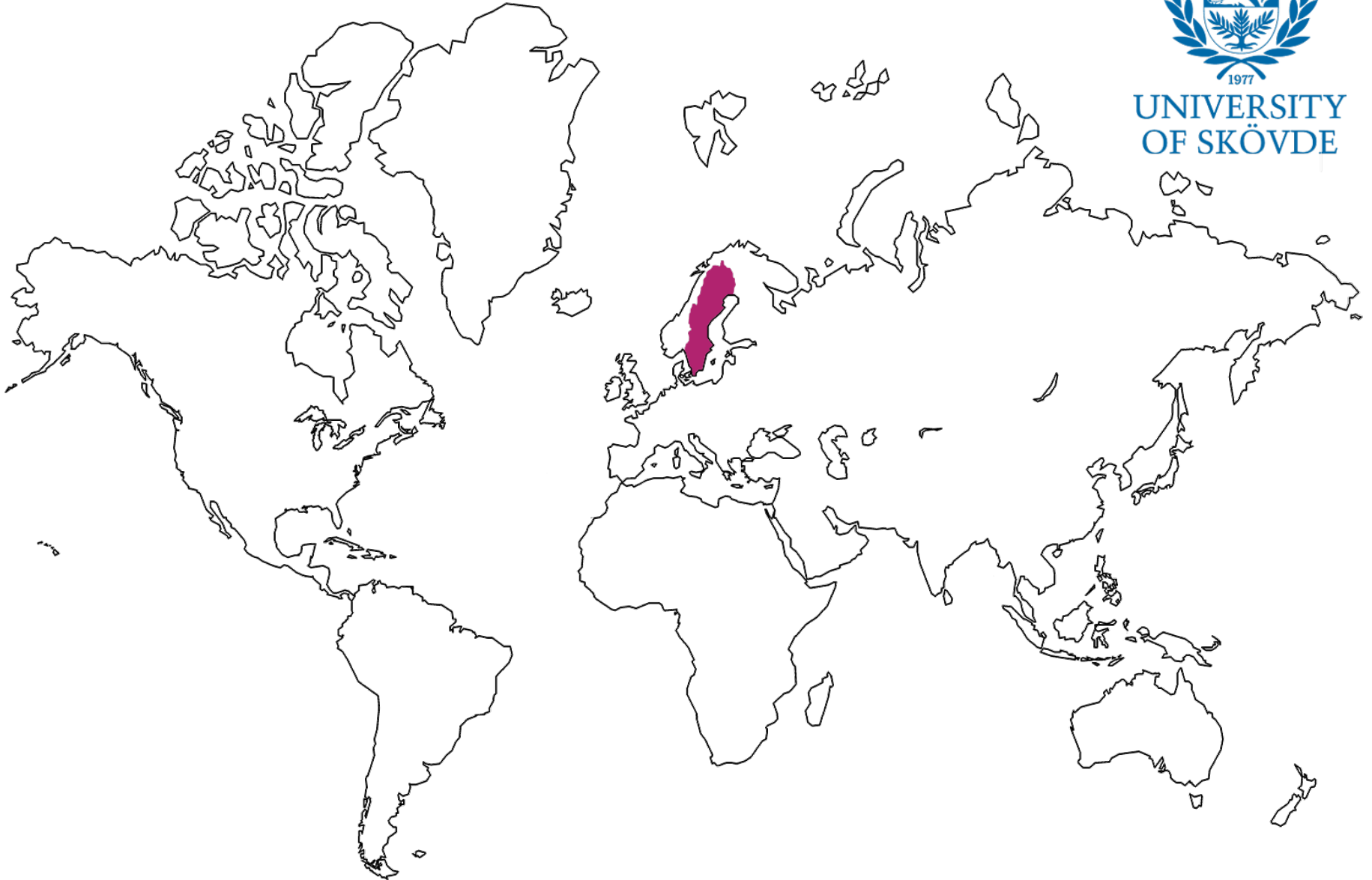


YOU CREATE REALITY





UNIVERSITY
OF SKÖVDE





UNIVERSITY
OF SKÖVDE

SKÖVDE





UNIVERSITY
OF SKÖVDE

SWEDEN – A SMALL COUNTRY THAT MAKES A DIFFERENCE



SWEDEN, AN INNOVATIVE COUNTRY



SKANSKA

Nordea



SAAB



SSAB



ASSA ABLOY



Thinking of you
Electrolux

Husqvarna



Autoliv





UNIVERSITY
OF SKÖVDE

SKÖVDE – A SMALL TOWN THAT MAKES A DIFFERENCE





UNIVERSITY
OF SKÖVDE

UNIVERSITY OF SKÖVDE



Established in 1977

UNIVERSITY OF SKÖVDE



UNIVERSITY
OF SKÖVDE



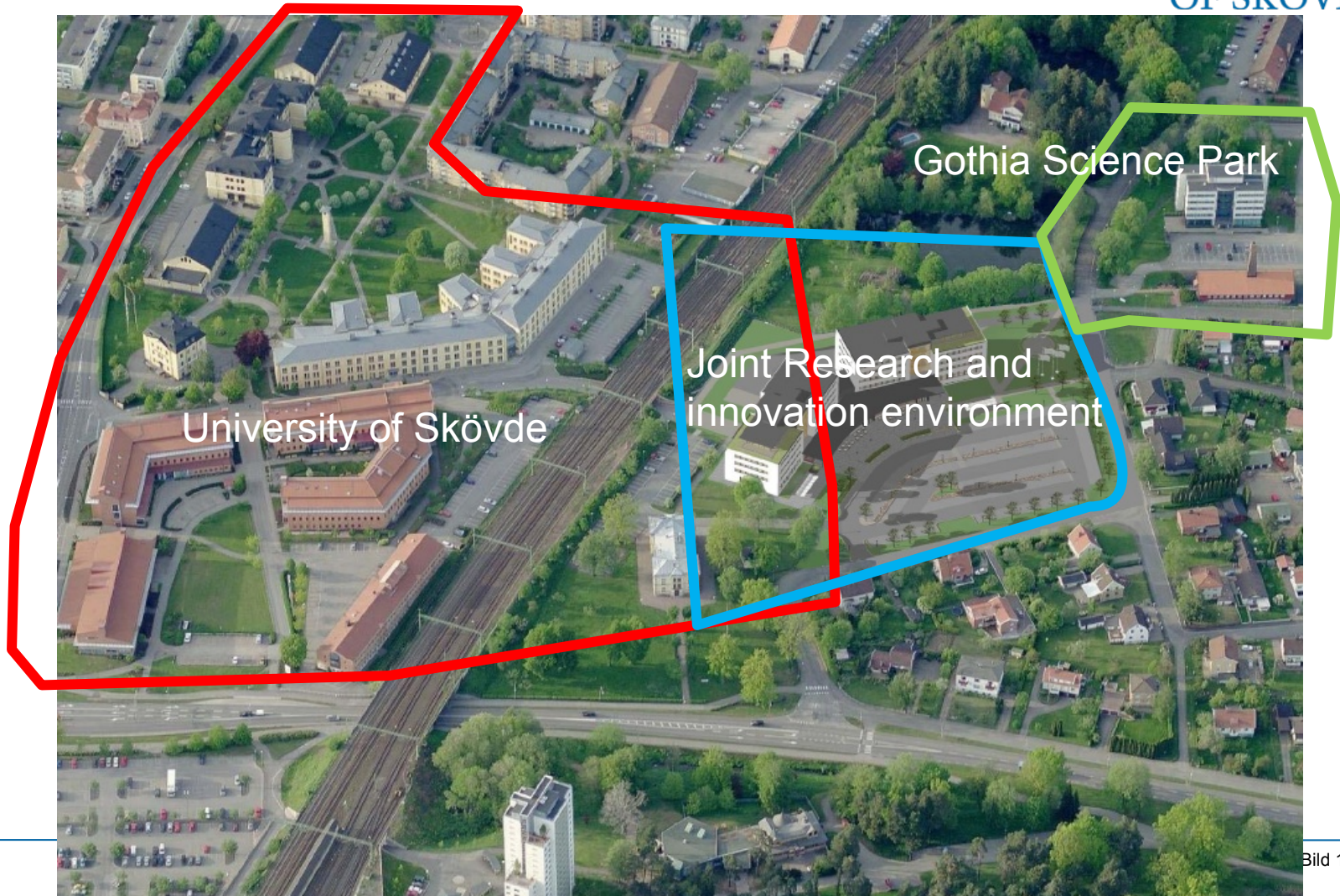
MODERN UNIVERSITY WITH AN OPEN AND WELCOMING APPROACH





UNIVERSITY
OF SKÖVDE

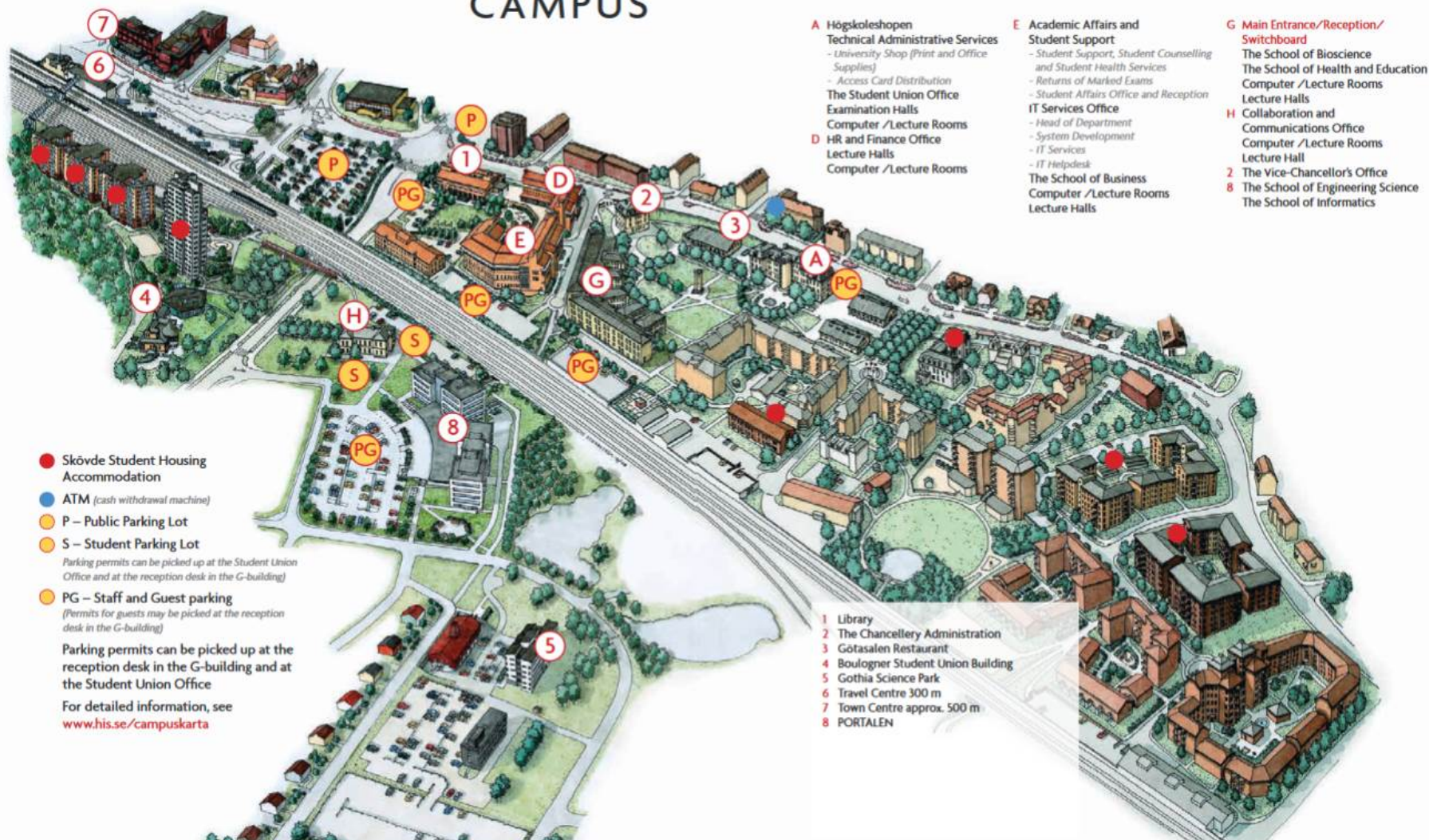
The Campus





UNIVERSITY
OF SKÖVDE

CAMPUS



A Högskolehusen
Technical Administrative Services
- University Shop (Print and Office Supplies)
- Access Card Distribution
The Student Union Office
Examination Halls
Computer /Lecture Rooms
D HR and Finance Office
Lecture Halls
Computer /Lecture Rooms

E Academic Affairs and Student Support
- Student Support, Student Counselling and Student Health Services
- Returns of Marked Exams
- Student Affairs Office and Reception
IT Services Office
- Head of Department
- System Development
- IT Services
- IT Helpdesk
The School of Business
Computer /Lecture Rooms
Lecture Halls

G Main Entrance/Reception/
Switchboard
The School of Bioscience
The School of Health and Education
Computer /Lecture Rooms
Lecture Halls
H Collaboration and Communications Office
Computer /Lecture Rooms
Lecture Hall
2 The Vice-Chancellor's Office
8 The School of Engineering Science
The School of Informatics

● Skövde Student Housing
Accommodation

● ATM (cash withdrawal machine)

● P – Public Parking Lot

● S – Student Parking Lot

Parking permits can be picked up at the Student Union
Office and at the reception desk in the G-building

● PG – Staff and Guest parking

(Permits for guests may be picked at the reception
desk in the G-building)

Parking permits can be picked up at the
reception desk in the G-building and at
the Student Union Office

For detailed information, see
www.his.se/campuskarta

1 Library
2 The Chancellery Administration
3 Götasalen Restaurant
4 Boulogner Student Union Building
5 Gothia Science Park
6 Travel Centre 300 m
7 Town Centre approx. 500 m
8 PORTALEN

FACTS

- Students: around 7 400 (3 350 ft equivalents)
- Staff: around 540
- 60 study programmes –
 - Bachelor, Master, PhD
 - Innovative and cross disciplinary!
- 200 single subject courses
- About 100 courses given in English
- 120 exchange agreements
with more than 40 countries
- 200 incoming international students
- 50 outgoing exchange students



Lars Niklasson
Vice-Chancellor



BIOSCIENCE
Systems Biology

INFORMATICS
Informatics

ENGINEERING SCIENCE
Virtuell Systems

HÖGSKOLAN
I SKÖVDE

BUSINESS
Enterprises for the Future

HEALTH AND EDUCATION
Health and Learning

YOU CREATE REALITY

School of Informatics

Degree subjects:

- Informatics
- Media Arts, Aesthetics and Narration

Other subjects: Cognitive Science, Music



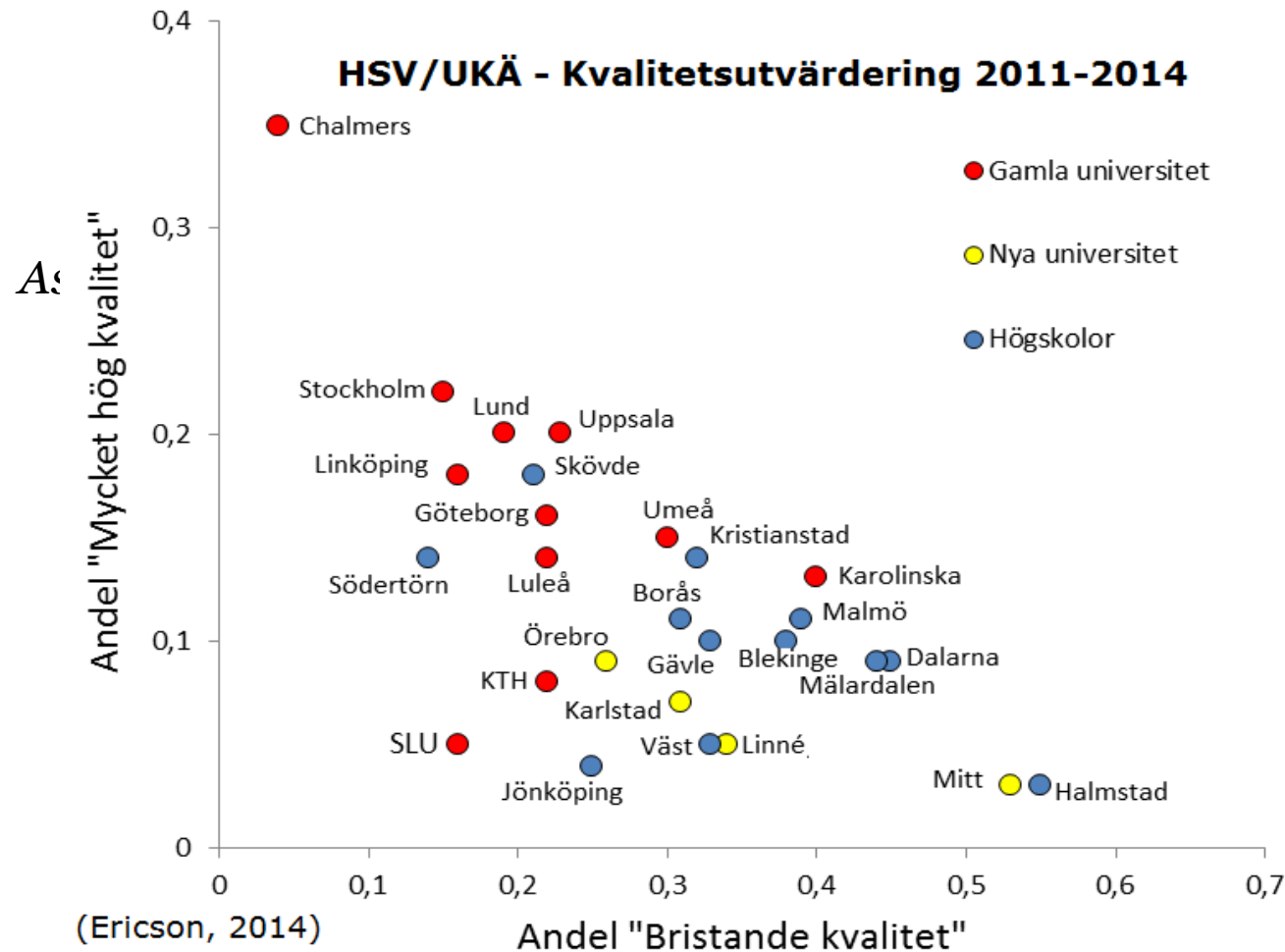
Our Game Incubator at Gothia Science Park is the world leading talent factory in the field of computer game development

School of Informatics

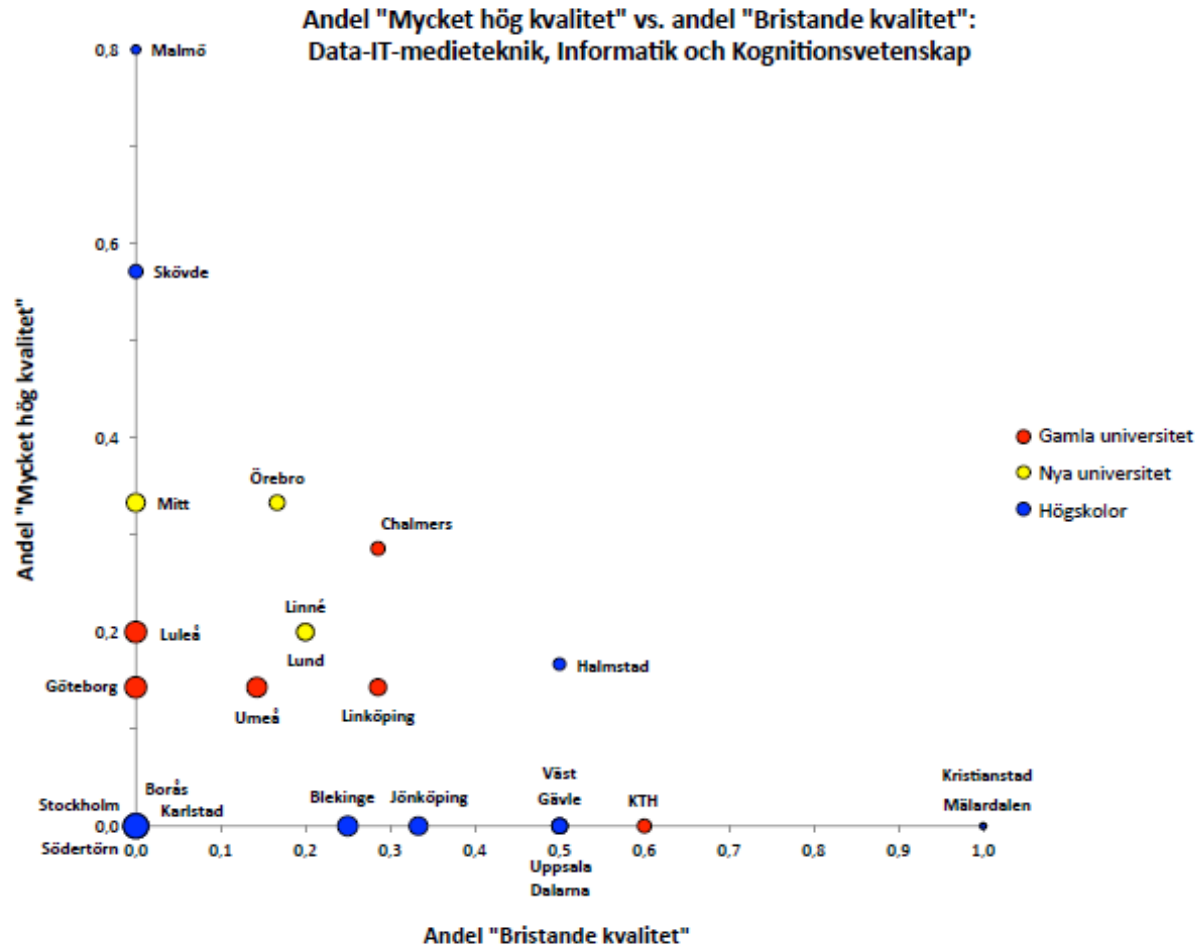
- Distributed Real-time Systems
- Information Systems
- Interaction Lab
- Skövde Artificial Intelligence Lab
- Media, Technology and Culture
- Software Systems Research Group



Top 7 in Sweden - Quality of education



Top 2 in Sweden – Computer Science



Research Vision

- ***Demand driven research*** that contributes to the development of business and society
- ***Profiled research*** in which we are nationally leading and internationally ***competitive***
- The offered education programmes at basic, master and PhD levels are ***within our research profiles***

RESEARCH

- Around 135 professors, associate and assistant professors available for research.
- Presently around 75 students are engaged in Ph.D. studies
- Five research specialisations;
 - Informatics
 - Virtual Engineering
 - Systems Biology
 - Enterprises for the Future
 - Health and Education



PhD in Information Technology

The PhD programme in Informatics covers a broad spectrum of information technology-related disciplines ranging from the study of media and organizational computing to the technical disciplines

IPSI - Industrial PhD School Informatics

The vision is to be able to award PhD degrees in all of the five research specialisations.



UNIVERSITY
OF SKÖVDE

INTERNATIONAL PROGRAMMES

Bachelor's Programmes

Biomedicine 180 ECTS

Bioscience - Molecular Biodesign 180 ECTS

Bioscience

Bioinformatics 60 ECTS

Biomarkers in Molecular Medicine 120 ECTS

Cognitive Neuroscience: Mind and Brain 60 ECTS

Infection Biology 60 ECTS

Infection Biology 120 ECTS

Molecular Biotechnology 60 ECTS

Molecular Biotechnology 120 ECTS

Engineering and Technology

Intelligent Automation 60 ECTS

Intelligent Automation 120 ECTS

Virtual Ergonomics and Design 60 ECTS

Virtual Ergonomics and Design 120 ECTS

Informatics

Data Science 60 ECTS

Data Science 120 ECTS

Digital Narration - Game and Cultural Heritage 60 ECTS

Research Master in Informatics 120 ECTS

Serious Games 60 ECTS



- About 100 partner universities in 35 countries
- Scholarship programmes such as Erasmus+, Linnaeus-Palme, Erasmus-Mundus, MFS and Science without Borders



HÖGSKOLAN
I SKÖVDE



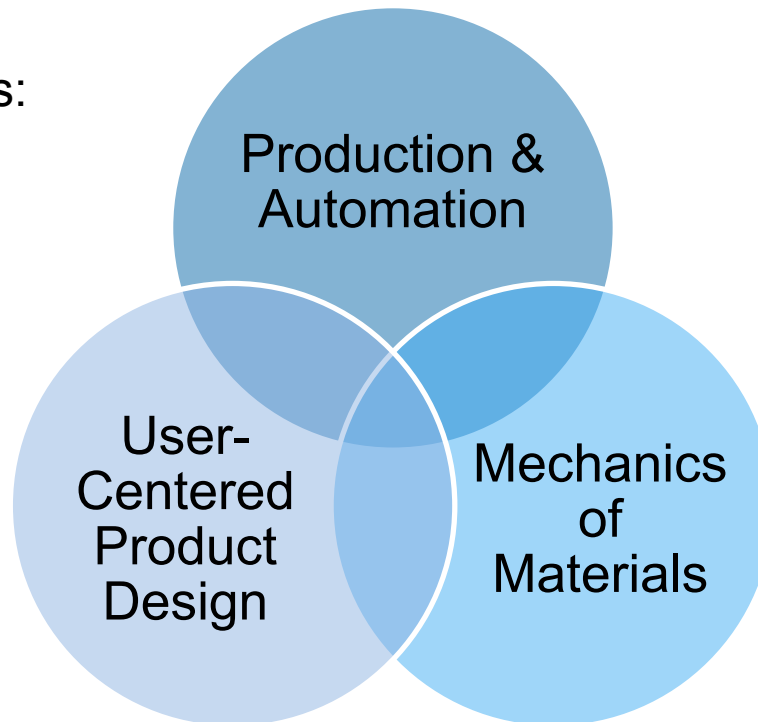
UNIVERSITY
OF SKÖVDE

SCHOOL OF ENGINEERING
SCIENCE

FOCUS

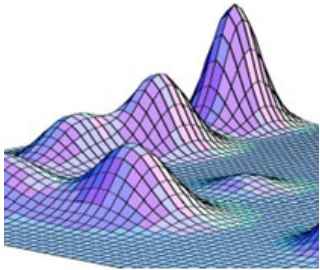
Virtual Engineering – industrial problem solving based on the usage and development of virtual solutions.

Three research groups:



PRODUCTION & AUTOMATION

**Simulation-based
optimization**



**IT-tools for the
operators of the future**



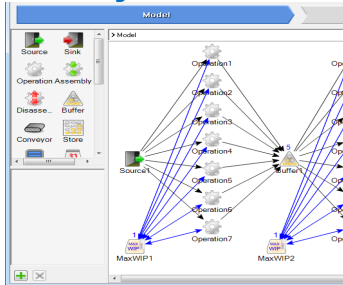
**Maintenance
optimization**



**Human-robot
collaboration**



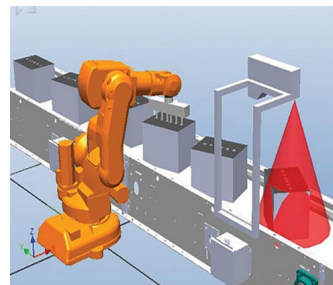
**Decision-support
system**



**Product life-cycle
management**



**Virtual
commissioning**



**Continuous
improvements**



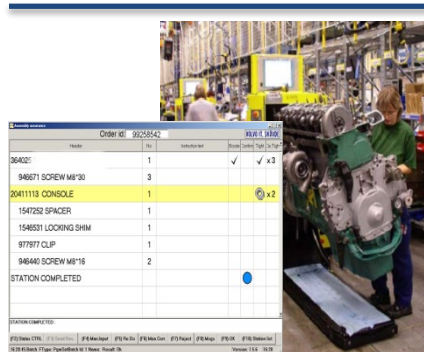
USER-CENTERED PRODUCT DESIGN

VIRTUAL ERGONOMICS DESIGN



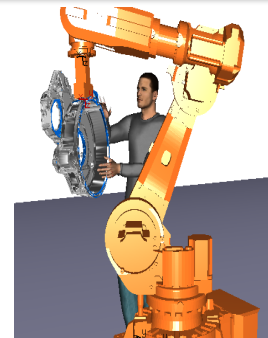
Research about methods and tools for simulation of human-product interaction, to evaluate ergonomics and design ergonomic products and workplaces.

INDUSTRIAL INFORMATION DESIGN



Research about work related information and development of methods for design of successful information system solutions in industry.

HUMAN-ROBOT COLLABORATION



Research about human-robot collaboration, to create human friendly and productive workplaces.

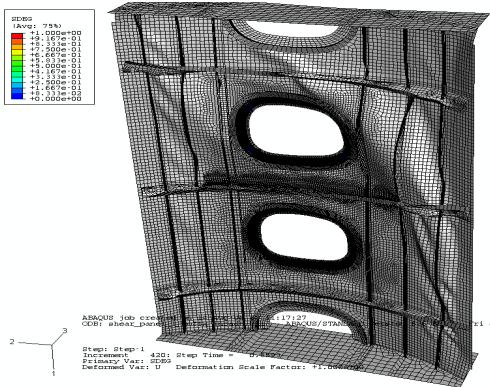
SMART TEXTILES – INDUSTRIAL APPLICATIONS



Research about how smart textiles can be applied in industry to improve health, quality and productivity.

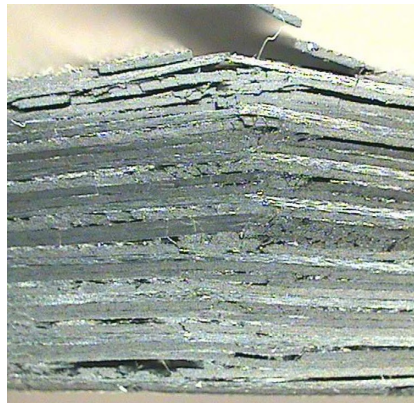
MECHANICS OF MATERIALS

Adhesive joints



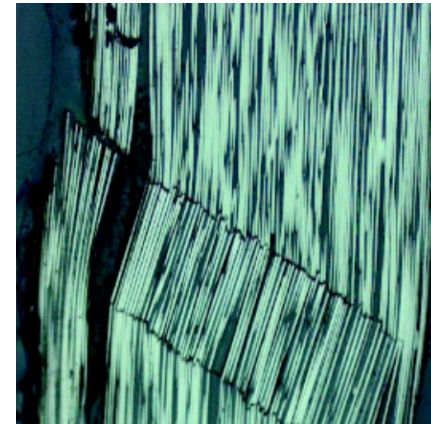
Fracture of adhesive joints of strengthening components in airplane fuselage.

Composite material



Delamination of carbon fiber composite material.

Kink-band



Kink-band formation during compressive loading of carbon fiber reinforced epoxy.

ENGINEERING PROGRAMS

Undergraduate Engineering Programs

- Automation Engineering
- Production Engineering
- Mechanical Engineering
- Design Engineering
- Building Engineering
- General Engineering
- Production Technician
- Automation Technician

Graduate Engineering Programs

- Intelligent Automation 60 ECTS
- Intelligent Automation 120 ECTS
- Virtual Ergonomics and Design 60 ECTS
- Virtual Ergonomics and Design 120 ECTS





UNIVERSITY
OF SKÖVDE

assar

INDUSTRIAL INNOVATION ARENA





UNIVERSITY
OF SKÖVDE



The Volvo AB Preferred Research Partner
within Virtual Manufacturing



UNIVERSITY
OF SKÖVDE



- Interaction between business and research
- Business incubator



Mechanical Engineers 2019 International students



Autumm semester

Vecka	2nd year - AS20/SS21	3th year - AS21/SS22
1	Fluid Dynamics	Swedish for Foreign Students / English/Preparatory Course/Engineering Introduction for Exchange Students 
2		
3		
4		
5	Mechanics II	Machine Design Component 
6		
7		
8		
9	Strength of Materials I: Introduction	Mechanics IV 
10		
11		
12		
13	Manufacturing Technology and Science of Materials	Applied FEM II 
14		
15		
16		
17		
18		
19		

Spring Semester

1	Strength of Materials II 	Swedish for Foreign Students / English/Preparatory Course		
2				
3				
4				
5	Applied FEM I 	 Strength of Materials III		
6				
7				
8				
9	Engineering Project II: Machine			
10				
11				
12				
13				
14				
15				
16				
17				Sustainable Development for Engineers II 
18				
19				
20				

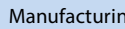
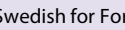
Varje cell motsvarar en vecka

IP Auto Maskin Matte Fysik Andra inst.



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Product Design Engineers 2019 International students

		2nd year - AS20/SS21					3th year -AS21/SS22																									
Autumm Semester	Vecka	Product Development and Design II 					Swedish for Foreign Students / English/Preparatory Course/Product Development and Design II 																									
	1																															
	2																															
	3																															
	4																															
	5	Mechanics II: Static 		Linear Algebra: Vector Algebra			Design Methodology II: 		Ergonomics II: Digital Human Modeling and Evaluation 																							
	6																															
	7																															
	8																															
	9	Strength of Materials I: Introduction 		Linear Algebra: Matrices and Eigenvector Problems			CAD III 		User Centered Design 																							
	10																															
	11																															
	12																															
	13	Manufacturing Technology and Science of Materials 		Industrial Design I 			Final project in Industrial Product Development 																									
	14																															
	15																															
	16																															
	17																															
	18																															
19																																
Spring semester	1	Swedish for Foreign Students / English/Preparatory Course 		Digital Visualization 			Final project in Industrial Product Development 																									
	2																															
	3																															
	4																															
	5	Ergonomics I: Introduction 		Design Methodology I 								Final project in Industrial Product Development 																				
	6																															
	7																															
	8																															
	9	Industrial Design II 		Final project in Industrial Product Development 																												
	10																															
	11																															
	12																															
	13	Engineering Project II: Design 															Final project in Industrial Product Development 															
	14																															
	15																															
	16																															
	17																					Sustainable Development for Engineers II 			Final project in Industrial Product Development 							
	18																															
	19																															
	20																															
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Production Engineer 2019 International students

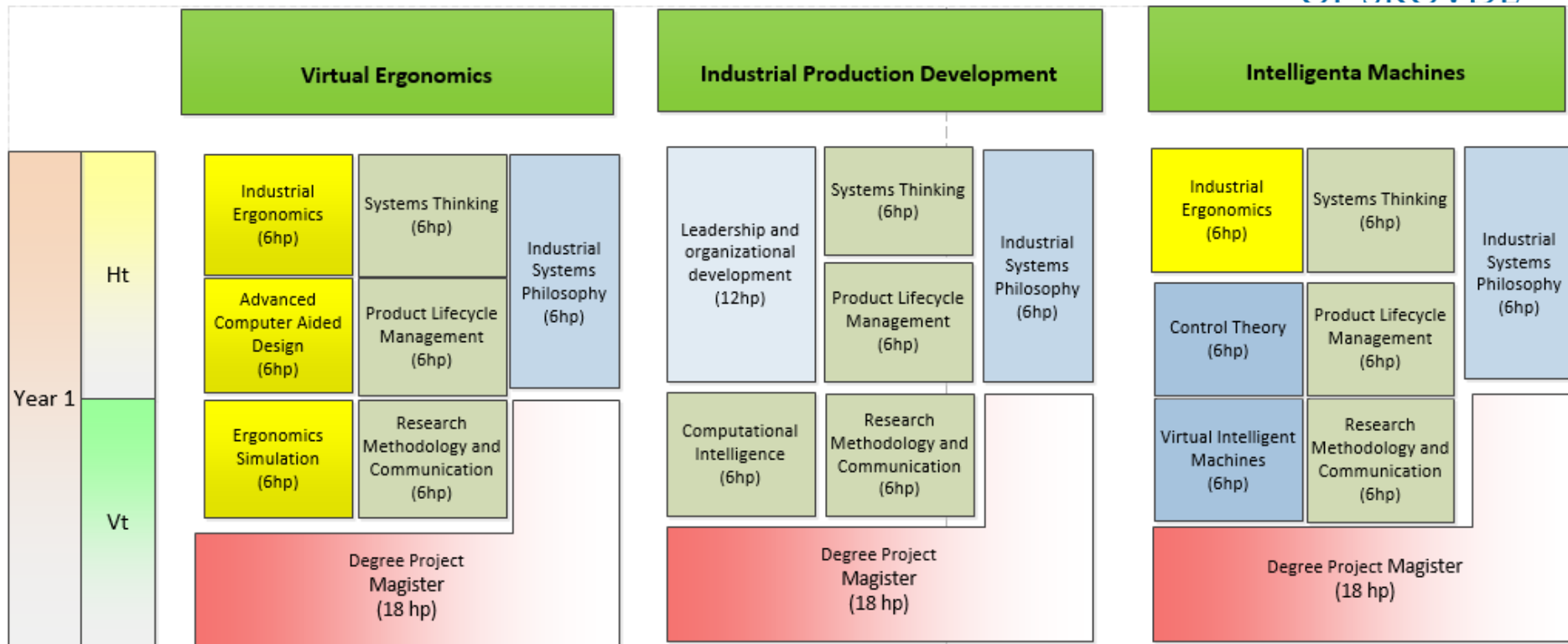


Production Engineer 2019 International students									
	Vecka	2nd year - AS20/SS21				3th year - AS21/SS22			
Autumm Semester	1	Linear Algebra -geometric transformation	Statistics for Engineers II	Swedish for Foreign Students / English/Preparatory Course/Engineering Introduction for Exchange Students					
	2								
	3								
	4								
	5								
	6								
	7	Industrial robotics and och offline programming	Production and Logistics Simulation I	Production System Design	Efficient workplaces				
	8								
	9								
	10								
	11								
	12								
	13	Manufacturing Technology and Science of Materials	Industrial Control	Applied Operations Research	Production and Logistics Simulation II				
	14								
	15								
	16								
	17								
	18								
	19								
Spring semester	1	Efficient workflows	Swedish for Foreign Students / English/Preparatory Course	Final Year Project in Automation Engineering					
	2								
	3								
	4								
	5								
	6								
	7	Maintenance and realitability engineering							
	8								
	9								
	10								
	11								
	12								
	13	Engineering Project II: Production							
	14								
	15								
	16								
	17								
	18								
	19								
	20	Sustainable Development for Engineers II							
Varje cell motsvarar en vecka									
IP Auto Maskin Matte Fvsik Andra inst.									

NEW 1-YEAR MASTER'S PROGRAMS - 2019



UNIVERSITY
OF SKÖVDE



✓

Student Support

- Student Accommodation Service
- Pick-up service
- Introduction programme
- Student Union
- International Committee
- A buddy system



Student Support

- Student Affairs Office
- Student and Career Counselling
- Student Health (Social counselling)
- Support for students with disabilities
- IT-Helpdesk
- Library
- Study Support Centre



International Office

Staff

Sanna Larsson, Andrea Dião Jonsson, and Frida Lindgren



CONTACT

- International Office:
international@his.se
- Student counsellors:
studycounselling@his.se
- Admission:
admission@his.se
- Accommodation:
bostadsformedling@his.se



BENEFITS OF THE ERASMUS PROGRAM



UNIVERSITY
OF SKÖVDE



Professional and personal enrichment
Meet people and learn new cultures
Improve languages

AN OPORTUNITY



Possibility of enriching your engineering studies and even more:

- Possibility of getting a double engineering title if the requisites are accomplished.
- Possibility of studying a 1 year master degree after getting the bachelor degree.
- Personalized attention to the student.
- Direct relation with industry.
- Meet one of the most innovative countries in the world.
- Improve languages.

Take your chance!



TACK!

Bienvenidos a Skövde!

www.his.se
www.studyinsweden.se

Enrique Ruiz Zúñiga – School of Engineering Science - Responsible for internationalization

Universidad de Málaga – 15h November 2018