



MÄLARDALENS HÖGSKOLA
ESKILSTUNA VÄSTERÅS

VÄSTERÅS

ESKILSTUNA

ÖREBRO

STOCKHOLM

Education at Mälardalen University Sweden, Västerås





Västerås, the city of Mälaren lake

100 km from Stockholm

Campus placed near the city center

A town of bicycles

Students accommodation
guaranteed

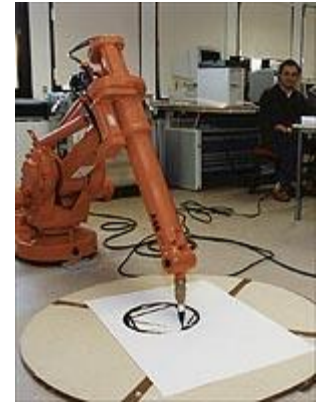
15 000 students





Studying at Mälardalen University

- Education **free of charge**
- New learning processes
 - project based
 - active participation of students
- **Pleasant** study environment
- Computer facilities and **modern laboratories**
- **Social events** organized for guest students
- Services for **disabled students**
- 28% of the students have a non-Swedish background





Example Robotics

Contents

- computer engineering
- electronics
- mechatronics
- automation
- product development
- project work...



NYBLADET Tema / Högskolor

Logga in | Glöm inloggningsuppgifter

Bilar Bostad ViktKlubb.se Singel & över 25? hälla Telefon
 Möbler TjänsterNy DU HAR VILJAN - VI HAR RESEN MÖTESPLATSEN.se adresser

Publicerad: 2008-03-25 Textstorlek: 1 2 3

Roboten som ska slå Kallur

Här är roboten som utmanar Susanna Kallur.

Den ser ut som en riktig människa och siktar mot världsrekordet på 100 meter. – I sommar ska den springa 100 meter på 9,50, säger Lars Asplund, professor i robotik vid Mälardalens Högskola.

Den ser ut som en riktig människa, är 180 centimeter lång, och väger under 40 kilo. 20 studenter, de flesta vid civilingenjörsprogrammet för robotik vid Mälardalens Högskola i Västerås, har arbetat sedan i januari med att konstruera och programmera roboten.

Ska slå världsrekordet Studenterna rör allt från



Kommer Susanna Kallur att anta robotens utmaning? Foto: ANDREAS BARDELL



Hundra meter på 9,50 sekunder är robotens utmaning.

Unique in Sweden



MSc in Software Engineering

1-2 years, 60-120 ECTS



Program highlights

www.mrtc.mdh.se/se-master

- Projects conducted in close cooperation with industry
- Possibility of having master thesis at industry
- Directions
 - Software architecture
 - Embedded and real-time systems
- Different tracks
 - Industrial, research, international





MSc in Software Engineering

Example courses

- Research methodology
- Advanced Software engineering
- Component Technologies
- Advanced Component-based Software Engineering
- Distributed Software Development
- Software Engineering for High Integrity Systems
- Optional
 - Real time courses
 - AI courses
 - Hardware/software co-design
- Masters Degree Project
 - As a part of a research project
 - In a cooperation with industry - Stay at a company



Education in Sweden

Bologna system since 2007

1 academic year = 60 ECTS credits

- 2 semesters, 4 study periods
- Courses: 7.5 ECTS running over 8 weeks or 15 credits over 16 weeks (one semester)
- Usually two courses run in parallel

Study periods 2008/2009

Fall semester -08	Spring semester -09
1: 25.08.2008 - 24.10.2008	3: 12.01.2009 - 20.03.2009
2: 27.10.2008 - 09.01.2009	4: 23.03.2009 - 29.05.2009



Important dates & links

DATE	ACTION
Apr 20, 08	Notification of admission (www.studera.nu , your pages)
Aug 18, 2008	Start of the introductory week
Aug 20, 2008	Start of Classes
Admission	
The link to the online application is http://webapp.mdh.se/ina/moveonline/incoming/start.php?language=EN&_version=incoming	
complete application (printed) be sent to MDH, signed by the university coordinator and the student. A photo of the student should be attached to the application. The paper should be sent to Damir Isovich <damir.isovic@mdh.se>	
Links: <ul style="list-style-type: none">• www.mrtc.mdh.se/se-master• www.gseem.eu• www.mdh.se/education	Contacts: Ivica Crnkovic ivica.crnkovic@mdh.se Sasikumar Punekkat sasikumar.punnekkat@mdh.se