

Presented at



in September 2015
Informatics Thesis Courses

Introduction to Bachelor/Master Thesis Projects in Informatics

Anders (安德斯) Hjalmarsson
Assistant Professor
anders.hjalmarsson@hb.se

Patrik Hedberg
Lecturer
patrik.hedberg@hb.se





University of Borås

- Employed since 1999
- School of Business and IT
- Assistant professor
- Tutor, Examiner and Researcher
- Director for the Thesis Courses in Informatics
- Digital Service for Broad Social Groups





Viktoria Swedish ICT

- Göteborg, Lindholmen Science Park
- Employed since 2009
- Senior Industrial Researcher
- ICT for Smart Mobility
- VCC, Volvo AB, SL/Västtrafik, Samtrafiken, NSB etc
- Digital Services for Sustainable Transportation



THESIS COURSE IN INFORMATICS

**An independent 10/20
week project during
spring/fall semester...**

...in

**which students plan and
execute a minor research
endeavor...**

**...developing and
reporting new relevant
and firm knowledge...**

**...about a specific
purpose...**

**...within the subject area
of informatics.**

ENTERPRISE ARCHITECTURE
– HOW DOES IT SUPPORT INNOVATION?

Bachelor in Informatics

Christoffer Callegård s071542
Mikael Handling s071610

VT 2011:KANI09



UNIVERSITY OF BORÅS
SCHOOL OF BUSINESS AND INFORMATICS

- **Monograph**
- **50-100 pages**
- **English**
- **Published by University of Borås**
- **Scientific publication**
- **Area of concern = informatics**

<http://bada.hb.se/>

**Information
Systems**

**Computer
Science**

**Human and Methods
IT interplay and tools**

Pluralism *Information
systems* **Design**

**Connected to Usage and
a context effects**

**Computer
machine**

Algorithms

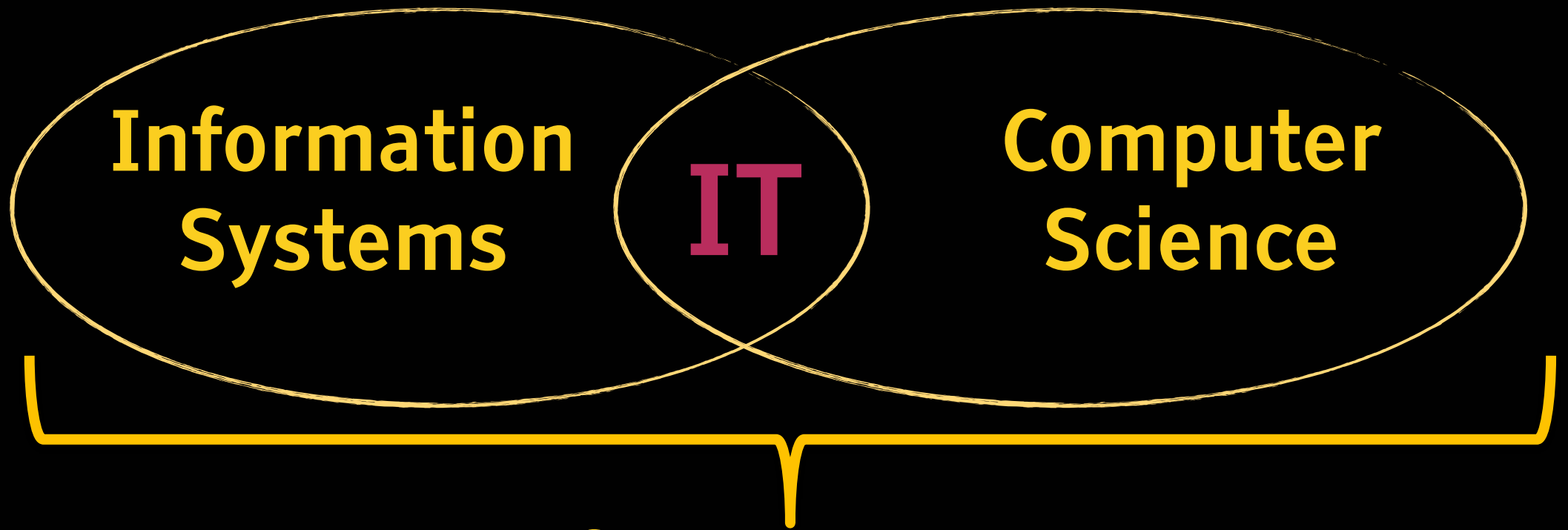
Engineering

*Computer
science*

**Implemen
tation**

**Context
free**

Performance



**Information
Systems**

IT

**Computer
Science**

Informatics

Information Systems



Or

Thesis Proposal



Thesis Planning



Research Process



Thesis Process



Thesis Evaluation



Computer Science



3+10(20)+3 weeks
(15/30 ECTS)
2 students

Independent work

Research design



Students

Engine



Tutor

Support



Examiner

Quality

**Actors
Involved**



Company

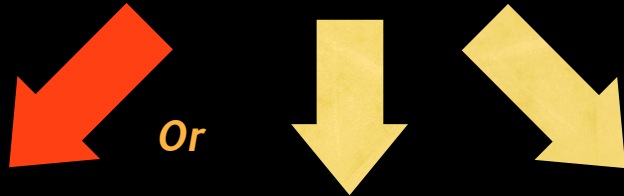
Input



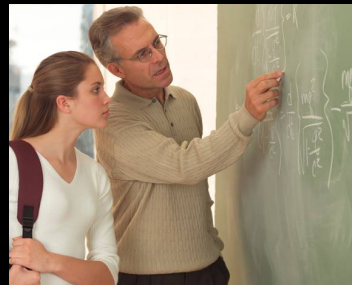
Thesis Proposal



Proposal Review



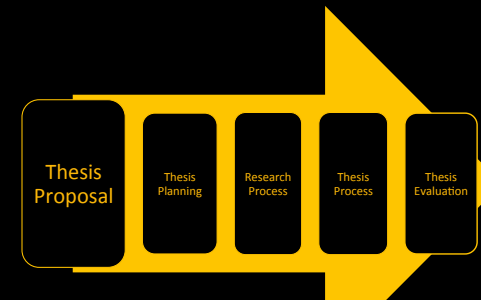
Rejected Proposal



Assigned tutor



Approved Proposal





Dr. Anders Hjalmarsson, PhD etc.
University of Borås
School of Business and Informatics
Viktoria Institute
Lindholmen Göteborg



Contact information:
Anders.hjalmarsson@hb.se
+46(0)70 75 67 870
Anders.hjalmarsson@hb.se

Social media:
twitter.com/anders_reflects
skype: contact_anders

Web pages:
www.hb.se/hit
www.viktoria.se



UNIVERSITY OF BORÅS
SCHOOL OF BUSINESS AND IT