Department of Computer and Systems Sciences

Stockholm University

Education plan

for

Master's Programme in Information Systems Management
Masterprogram i affärsledning med informationssystem

120.0 Higher Education Credits
120.0 ECTS credits

Programme code:	SAISO
Valid from:	Autumn 2013
Date of approval:	2009-09-10
Changed:	2013-06-11
Department:	Department of Computer and Systems Sciences

Decision

This programme syllabus was approved by the Social Sciences Faculty Board 2009-09-10. Revised 2013-06-11.

Prerequisites and special admittance requirements

A Bachelor degree or a degree equal to 180 ECTS.
Language requirements: English B or the equivalent

Programme structure

The first semester consists of four compulsory courses.

The second semester consists of an advanced compulsory course in Research Methodology for Computer and Systems Sciences and three elective courses. The elective courses are chosen from a list of elective courses in the field of Information Systems Management. The list is provided by the department.

During the third semester the student chooses also elective courses from a list provided by the department. The courses offered in the third semester are aimed to deepen and broaden knowledge within Computer and Systems Sciences.

The program is completed with a thesis work of 30 ECTS.

Goals

Knowledge and understanding
After a completed education the student is expected to:

- have knowledge about the role of information technology (IT) for enterprise and business development

- have knowledge about methods and models for business development and development of information systems

- have knowledge about IT architectures and business architectures

- have in-depth knowledge about different techniques for design and analysis of information systems

Skills and abilities

After a completed education the student is expected to:

- be part of and lead the process of design, development and implementation of complex information systems

- formulate, plan and carry out system development projects for information systems

- apply and further develop methods and models for analysis and design of information systems

- apply and further develop methods and models for business development and business management with IT support

Judgement ability and approach:
After a completed education the student is expected to:

- have the ability to assess and compare alternative IT solutions within an organization

- be able to observe ethical aspects, economic and social consequences of usage of information systems, locally and globally

- be able to understand and reflect over general questions within several scientific fields

Additionally the following educational objectives apply:

- to give a scientific base within the main field of study that prepares for studies at the research level

- to develop the student's ability to search and assess knowledge in the main field of study at a scientific level

- to give skills in oral and written communication

Courses

First semester
Enterprise Computing and ERP Systems, 7,5 credits
Advanced Requirements Engineering of IT-systems, 7,5 credits
Scientific Communication and Research Methodology, 7,5 credits
Data warehousing, 7,5 credits

Second semester
Research Methodology for Computer and Systems Sciences, 7,5 credits
Tree elective courses (7,5 credits each) from a list provided by the department

Third semester
Four elective courses (7,5 credits each) from a list provided by the department

Fourth semester
Master Thesis in Computer and Systems Sciences, 30 credits

Degree

The programme leads to a Degree of Master of Science in the main field of study: Computer and Systems Sciences.

Misc

Students who have been admitted to the program but have not finished the program during the two years period may ask to finish the program even after the program is ended. In this case limitations specified in the courses syllabi are applied. The language of tuition is English.