Department of Computer and Systems Sciences

Stockholm University

Education plan

for

Master's Programme in Strategic IT Management
Masterprogram i strategisk IT-management

120.0 Higher Education Credits
120.0 ECTS credits

Programme code:	SITMO
Valid from:	Autumn 2009
Date of approval:	2008-10-14
Department:	Department of Computer and Systems Sciences

Decision

This program syllabus is approved by the Faculty of Social Sciences at Stockholm's University on 2008-10-14

Prerequisites and special admittance requirements

Bachelor's degree in either business administration or computer and systems sciences (e.g., computer science, systems science, informatics, information systems etc.)

Language requirements: English B or
• IELTS (International English Language Testing Service)- Academic Module: Overall minimum score of 6.5 and a minimum of 6 in each subtest: listening, reading, speaking, and writing.
• TOEFL (Test of English as a Foreign Language)
- Computer Based: Overall minimum score of 233 including a minimum Test of Written English (TWE) score of 18.
- Paper Based: Overall minimum score of 577 including a minimum TWE score of 50.
- Internet based : Overall minimum score of 91 including a minimum TWE score of 13.
• UEEC (UNSW Institute of Languages University English Entry Course): Overall minimum score of C+ (Grade point 7.0) with a minimum score of 20 in the writing component.
• CULT (Combined Universities Language Test): Overall minimum score of 70 with a minimum score of 17 in each of the sub-tests of listening, reading, speaking, and writing.
• CPE (Certificate of Proficiency in English): minimum grade B.

Programme structure

The program is a cohesive programme covering 120 credits over two years. The main areas covered by the programme are computer and systems and business economics.

Most courses included in the programme are at an advanced level. Studying with students from other programmes is common in the courses included in the programme.

The programme is organized into two "phases" with different characteristics and different degrees of specialization:

The first year (semester 1-2) constitutes a basic block. During these semesters, students read both courses at a regulatory level (to get a good knowledge in the field that students may not have first degree in), and partially joint, compulsory courses.

Faced with the second year students choose the main area – Business economics or Computer and systems sciences. The second year (semester 3-4) is the main area's focus.
15 ECTS is studied in the supplementary area during the third semester and the rest of the year (45 ECTS) is devoted to the main area including methodological studies.

The final semester consists of a master's thesis.

Goals

The education's overall goal is for students after completion of education will have the knowledge and skills required for advanced and independent work with issues concerning the management and use of information technology in businesses and other organizations.

Students should also have developed a critically reflective approach to both scientific knowledge and proven experience in the field that the studies focus on.

Knowledge and understanding

After completing their education the students are expected to:
- have broad knowledge and understanding of information technology opportunities and implications for leadership and management of organizations,
- have advanced knowledge of relevant methods, techniques and approaches in the field as well as insight into information technology's, societal, organizational and economic consequences,
- have knowledge of the area's scientific base, as well as knowledge of applicable methods in the field, and reached the depth of knowledge in any part of the field that the education is relevant for, and be oriented about current research in the field.

Skill and ability

After completing their education students should:
- be able to systematically search, collect, evaluate and critically interpret the relevant information relating to problems relating to leadership and management of information technology and its use in businesses and other organizations and to critically discuss events, issues and situations in the area,
- be able to critically, independently and creatively identify, formulate and solve problems with adequate methods and to carry out tasks in a timely manner;
- be able to, in conjunction with other people, carry out tasks in a timely manner;
- be able to orally and in writing, report on and discuss information, problems and solutions in dialogue with various groups, and
- be able to work independently with matters related to information technology use in businesses and other organizations.

Evaluation ability and approach

After completing their education the students should:
- be able to distinguish between research, established practices and personal values in the area of the education,
- be able to, the main area of education, make assessments taking into account relevant scientific, community, social and ethical aspects, and show awareness of the ethical issues of research and development work,
- be able to critically evaluate methods in the two areas,
- be able to have a view on current and upcoming trends in the areas,
- be able to show understanding of the role information technology and knowledge in society and about the people responsible for how they are used, and
- to be able identify his/her own needs for additional knowledge and to develop their skills.

The program also has the following general educational objectives:
- To provide a scientific basis in the areas to allow for continuing higher education.
- To develop the students' ability to search and evaluate knowledge in the field at a scientific level.
- To provide enhanced skills in oral and written communication.

Courses

Advanced courses (15 ECTS) in the field that was the main area of the bachelor degree, semester 1-2.

Bridging course (15 ECTS) in the field was not the main area of the bachelor degree, semester 1-2.

Students who have studied at least 60 credits in the field that was not the main area of the bachelor's degree can instead study the advanced courses in this field too.

Strategic IT management in business economics (15 ECTS), semester 1-2.

Strategic IT management in computer and systems sciences (15 ECTS), semester 1-2.

The main area for the master level is selected before beginning the third semester
The second area is then a complementary area.

Completed courses in the main area include a method course (15 ECTS), semester 3-4.

Completed courses in the complementary area (15 ECTS), semester 3-4

Master's thesis in the main field (30 ECTS), semester 3-4.

Degree

The programme leads to the Masters degree.

The main field for the degree is, depending on the choice of courses, computer and systems sciences or business economics

Misc

Students, who have been admitted to the program and have not completed it within the scheduled two study years, may request to complete the program even after the programme has expired.

In this case, the limitations specified in the curricula of the courses in the programme apply.