Department of Computer and Systems Sciences

Stockholm University

Syllabus

for course at second level

Strategisk IT-management

Strategic IT Management

7.5 Higher Education Credits

7.5 ECTS credits

Course code:	IB472D
Valid from:	Spring 2024
Date of approval:	2023-11-20
Changed:	2023-11-23
Department:	Department of Computer and Systems Sciences
Subject group:	Informatics/Computer and Systems Sciences
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements
Main field:	Computer and Systems Sciences

Decision

Finalized by: Prefekt, 2023-11-20

Prerequisites and special admittance requirements

90 ECTS in Computer and Systems Sciences (or the equivalent)

Course structure

Examination code	Name	Higher Education Credits
SIMI	Strategic IT Management, assignments	3.0
SIMO	Strategic IT Management, online exam	4.5

Course content

The business environment is nowadays a very competitive one that requires the managers to rethink the role that IT and digital technologies are playing in their organizations. To face this high competition on the market the managers are thinking about using IT and digital technologies strategically in their organizations. For this purpose, they will need to have knowledge about strategic management of IT and digital technology to achieve organization's objectives and generate business value from IT and digital investments and use them to create competitive advantage.

The main course topics are:

- The Information Systems Strategy Triangle

- Strategic Use of Information Resources

- Organizational Strategy and Information Systems

- Architecture and Infrastructure

- The Business of Information Technology

- Governance of the Information Systems Organization

- Information Systems Sourcing.

Learning outcomes
Upon successful completion of the course, the student should be able to:

- demonstrate an understanding of the knowledge in strategic IT management.

- apply through a project work the knowledge in strategic IT management.

- produce a written scientific report in strategic IT management.

Education
The teaching activities in the course are seminars.

The language of instruction is English.

The teaching activities are distance-based and take place online.

Forms of examination
a. The course is examined through an online exam and assignments.

All assignments must be performed and submitted on time according to the schedule of the current course. A missed or incomplete assignment can be re-submitted at a scheduled time window. Alternatively, the student will have to follow the schedule of next instance of the course.

b. The final grading of the course is based on a grading scale related to the learning outcomes: A = Excellent, B = Very Good, C = Good, D = Satisfactory, E = Sufficient, Fx = Fail, F = Fail.

c. For students who have a certificate from Stockholm University with a recommendation for special pedagogical support, the examiner can decide to adapt the teaching, offer an adapted examination or let students complete the examination in an alternative way.

d. The grading criteria are communicated to the students at the start of the course.

e. In order to complete the whole course the student must obtain at least grade E in all course components/examinations. The letter grades A-E are converted to the numbers 4-0 and are added up to an average grade where you also weigh in the number of credits that each partial examination constitutes of the entire course's number of points. The grade for the entire course

is thus set by a weighted average of the partial examinations. If the average falls between two grades, 2/3 of the highest grade is required to round the grade up.

f. In addition the following regulations also apply:

- Students who obtain grade Fx in a written examination are allowed to complete a supplementary assignment in order to elevate the grade to E.

The examiner informs the concerned students when the results of the written examination are published. The supplementary assignment has to be submitted within a given deadline and can only be utilized to elevate the grade of the actual examination task.

- Students who obtained grade E in an examination task are not allowed to re-write the examination or re-submit the assignment in order to obtain a higher grade.

- Students who have failed the same examination twice are entitled to have another examiner appointed, unless there are special reasons to the contrary.

Interim
When a course is discontinued, or its contents are substantially altered, the following applies:

- Failed examination tasks are replaced with other similar examination tasks according to a specific plan.

- If no similar examination tasks can be provided, at least three examination opportunities per examination task should be offered during a period of at least three terms from the date of the decision. After this period, no examinations should be carried out on the course.

Limitations
This course may not be included in a degree together with a course, taken in Sweden or elsewhere, of identical or partially similar content.